

**Lista lucrarilor pt
(pentru personal**

Nr.	Numele autorului/ autorilor	Titlul lucrării
	Tomozeiu, N,	Effects of UV photon irradiation on SiO _x (0 < x < 2) structural properties
	Dragoman, D, Dragoman, M	Voltage-controlled high-frequency oscillations based on suspended semiconducting carbon nanotubes
	Ioachim, A, Banciu, MG, Toacsan, MI, Nedelcu, L, Ghetu, D, Alexandru, HV, Berbecaru, C, Dutu, A, Stoica, G,	High-k Mg-doped ZST for microwave applications
	Alexandru, HV, Berbecaru, C, Ion, L, Dutu, A, Ion, F, Pintilie, L, Radulescu, RC,	Pyroelectric coefficient manipulation in doped TGS crystals
	Pavelescu, EM, Slotte, J, Dhaka, VDS, Saarinen, K, Antohe, S, Cimpoa, G, Pessa, M,	On the optical crystal properties of quantum-well GaIn(N)As/GaAs semiconductors grown by molecular-beam
	Radu, M, Nae, M, Gazdaru, D, Acasandrei, A,	Experimental model for the study of effect of ionizing radiations on membrane proteins using a fluorescence method
	Movileanu, L, Popescu, D, Ion, S, Popescu, AI,	Transbilayer pores induced by thickness fluctuations
	Dragoman, D, Dragoman, M	Proposal for multiple-valued logic in gated semiconducting carbon nanotubes
	Stanculescu, A, Stanculescu, F, Socol, M	Optical properties of polycarbonate organic matrix/cadmium sulphide clusters composite material
	Stanculescu, A, Stanculescu, F, Tugulea, L, Socol, M, ED Vilarinho, PM	Optical properties of 3,4,9,10-perylenetetracarboxylic dianhydride and 8-hydroxyquinoline aluminum salt films
	Dragoman, D, Filip, LD	Analytic transmission for field emission from coated cold cathodes
	Neamtu, J, Kappel, W, Patroi, E, Malaeru, T, Georgescu, G, Giurgiu, L	New magnetic composite materials for electromagnetic shields at microwave frequencies
	Stanculescu, F, Stanculescu, A, Socol, M	Light absorption in meta-dinitrobenzene and benzyl crystalline films
	Alexandru, HV, Berbecaru, C, Ioachim, A, Nedelcu, L, Dutu, A,	BST solid solutions, temperature evolution of the ferroelectric transitions
	Dragoman, D, Dragoman, M	Electromagnetic wave propagation in dense carbon nanotube arrays
	Ioachim, A, Toacsan, MI, Banciu, MG, Nedelcu, L, Vasiliu, F, Alexandru, HV, Berbecaru, C, Stoica, G,	Barium strontium titanate-based perovskite materials for microwave applications

Stanculescu, A, Stanculescu, F,	Investigation of the properties of indium tin oxide-organic contacts for optoelectronic applications
Dragoman, M, Dragoman, D, Plana, R, Stan, M, Ramirez, JC, Cristea, P, Hu, SY, Deo, C, Uberuaga, BP, Srivilliputhur, S, Rudin, SP, Wills, JM,	Modeling of rf energy sensing and harvesting using the giant thermoelectric effect in carbon nanotubes
Scarsoreanu, N, Filipescu, M, Ioachim, A, Toacsan, MI, Banciu, MG, Nedelcu, L, Dutu, A, Buda, M, Alexandru, HV,	Models and simulations of nuclear fuel materials properties
Protopopescu, N, Nicolescu, MS, Radu, D, Kappel, W, Giurgiu, LC,	BST thin films obtained by PLD for applications in electronics
Dolocan, A, Dolocan, VO, Dolocan, V,	Setup and procedure of optical reflectometry to check the stage of finishing during the abrasive magneto-
Chilom, C, Gazdaru, D, Bucurenci, N, Straut, M, Geanta, C, Popescu, A,	Some aspects of the electron-boson interaction and of the electron-electron interaction via bosons
Dragoman, D, Dragoman, M,	Fluorescent study of the interaction between Staphylococcus aureus UMP kinase and UTP
Brancus, DEN, Ion, L,	Giant thermoelectric effect in graphene
Ion, L, Antone, VA, Ghenescu, M, Ghenescu, O, Bazavan, R, Danila, M, Gugiu, MM, Antohe, S,	Full optical phonon spectrum and Frohlich Hamiltonian in wurtzite-type free-standing quantum well wires
Dinca, V, Ranella, A, Popescu, A, Dinescu, M, Farsari, M, Fotakis, C, Dinca, V, Kasotakis, E, Catherine, J, Mourka, A, Mitraki, A, Popescu, A, Dinescu, M, Farsari, M, Fotakis, C,	The effect of ionizing radiations on the structural, electrical and optical properties of AlIBVI polycrystalline thin films used as
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Mirea, M, Bobulescu, RC, Petrescu, E,	Development of peptide-based patterns by laser transfer
Dragoman, D, Dragoman, M,	Accelerate ageing of PZT-type ceramics
Acasandrei, MA, Petcu, IM, Radu, M, Gazdaru, D, Popescu, A, Dorobantu, I,	Realistic spin-orbit operators for the superasymmetric two-center shell model
Niculae, CM,	Metamaterials for ballistic electrons
Dragoman, D, Dragoman, M,	Radiolytic oxidation of the immunogenic conjugate testosterone-3-carboxymethyloxim-bovine serum albumin
Cristea, P, Stan, M, Ramirez, JC,	On the stability of the rectilinear motions in the sextupole rf trap
	Variable capacitance mechanisms in carbon nanotubes
	Point defects and oxygen diffusion in fluorite type oxides

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Dragoman, D ,	Photon states from propagating complex electromagnetic fields
Dolocan, VO, Dolocan, A, Dolocan, V ,	A quantum mechanical treatment of the vortex-vortex interaction in anisotropic superconductors
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Ioachim, A, Vasiliu, F, Toacsan, MI, Nedelcu, L, Banciu, MG, Alexandru, HV , Stoica, G,	Deposition and properties of CdTe nanowires prepared by template replication
Antohe, S, Ion, L, Antohe, VA , Ghenescu, M, Alexandru, H ,	Dielectric and morphological studies of BST ferroelectric ceramics
Stanculescu, F , Stanculescu, A, Socol, M, Iazaoanu, C, Ion, L , Socol, G, Socol, M, Mihailescu, IN, Stanculescu, F , Enculescu, I, Ionescu, F, Magherusan, L ,	Defects induced by ionizing radiations in A(II)-B-VI polycrystalline thin films used as solar cell materials
Alexandru, HV, Antohe, S ,	Effect of the metallic contact on the electrical properties of organic semiconductor film
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Barbinta-Patrascu, ME , Badea, N, Tugulea, LG , Giurginca, M, Meghea, A, Dinca, V, Ranella, A, Farsari, M, Kafetzopoulos, D, Dinescu, M, Popescu, A , Fotakis, C,	Admittance of planar two-terminal quantum systems
Dragoman, D , Dragoman, M,	Terahertz Bloch oscillations in periodic graphene structures
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	Quantification of the activity of biomolecules in microarrays obtained by direct laser transfer
	Tunneling nanotube radio
	RELATION OF INTER-ATOMIC FORCES IN SOLIDS TO BULK MODULUS, COHESIVE ENERGY AND THERMAL
	Ceramic materials Ba(1-x)Sr _x TiO ₃ for electronics - Synthesis and characterization

Ion, L, Rusu, MI, Socol, G, Mihailescu, IN, Tazlaoanu, C, Antohe, S,	Electrical and optical properties of nanostructured ZnO thin films for optoelectronic applications
Bazavan, D, Bazavan, R, Enculescu, I, Matei, E, Ion, L, Antohe, S,	Structural and morphological properties of NiCu magnetic thin films
Bazavan, R, Ghenescu, O, Ghenescu, M, Crisan, D, Radu, A, Ion, L, Antohe, S,	Effects of proton irradiation on CdTe thin films used in photovoltaic applications
Dragoman, D, Dragoman, M, Muller, AA,	Graphene - A One-Atom-Thick Material for Microwave Devices
Dafinei, AA, Ioanid, A, Dafinei, AS,	MODEL FOR THE LOW FREQUENCY ELECTRICAL RELAXATION IN Si POROUS
Dragoman, M, Konstantinidis, G, Kostopoulos, A, Dragoman, D, Neculoiu, D, Buiculescu, R, Plana, R, Coccetti, F,	Multiple negative resistances in trenched structures bridged with carbon nanotubes
Dragoman, M, Neculoiu, D, Cismaru, A, Dragoman, D, Grenier, K, Pacchini, S, Mazenq, L, Plana, R,	High quality nanoelectromechanical microwave resonator based on a carbon nanotube array
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Dragoman, D, Dragoman, M,	Response to "Comment on 'Negative differential conductance of electrons in graphene barrier' [Appl. Phys. Lett. 92,
Behrndt, J, Neidhardt, H, Racec, ER, Racec, PN, Wulf, U,	On Eisenbud's and Wigner's R-matrix: A general approach
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Ghenescu, M, Ion, L, Enculescu, L, Tazlaoanu, C, Antohe, VA, Sima, M, Enculescu, M, Matei, E, Neumann, R,	Transport properties of electrodeposited ZnO nanowires
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Mihalcea, BM, Visan, GT, Giurgiu, LC , Radan, S,	Optimization of ion trap geometries and of the signal-to-noise ratio for high resolution spectroscopy
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Niculae, CM , Niculae, M,	The influence of the static field on the motion stability of a hexapole rf trap
Niculae, CM , Niculae, M,	Numerical method for calculating of potential distribution in non-ideal multipole ion guides
Cruceru, M, Bartos, D, Cruceru, I, Caragheorghiu, G, Duliu, OG , Barborica, A , Cristea, P , Niculae, CM , Dragoman, M, Dragoman, D , Deligiorgis, G, Konstantinidis, G, Neculoiu, D, Cismaru, A, Plana, R,	A COORDINATE SENSITIVE DETECTOR FOR PARTICLES GENERATED IN HIGH ENERGY REACTIONS
Ionita, I, Dragoman, D ,	Current oscillations in a wide graphene sheet
Dragoman, D , Dragoman, M,	Anisotropic composite right/left-handed-material switch
Ghenescu, V, Ion, L , Ghenescu, M, Rusu, M, Gugiu, M, Velisa, G, Porumb, O, Antohe, S ,	Real-time detection of deoxyribonucleic acid bases via their negative differential conductance signature
Dragoman, M, Flahaut, E, Dragoman, D , Al Ahmad, M, Plana, R,	Effects of proton irradiation on structural and optical properties of CdS thin films used in photovoltaic applications
Dragoman, D , Dinescu, A, Muller, R, Kusko, C, Herghelegiu, A , Kusko, M,	Writing simple RF electronic devices on paper with carbon nanotube ink
Diculescu, VC, Chiorcea-Paquim, AM, Tugulea, L , Vivan, M, Oliveira-Brett, AM,	Waveguiding in PMMA photonic crystals
Ioanid, A ,	Interaction of imatinib with liposomes: Voltammetric and AFM characterization
Brancus, DEN, Ion, L ,	Modelling of the low-frequency solvent dielectric permittivity in porous silicon nanochannels in the electrical double layer
Mirea, M, Bobulescu, RC , Petre, M,	Optical phonon spectrum and the Frohlich Hamiltonian in wurtzite-type nanotubes
Mihaila, B, Stan, M, Ramirez, J, Zubelewicz, A, Cristea, P ,	INERTIA FOR TWO-CENTER NUCLEAR SHAPE PARAMETRIZATIONS
Dragoman, M, Dragoman, D ,	Simulations of coupled heat transport, oxygen diffusion, and thermal expansion in UO ₂ nuclear fuel elements
Nemnes, GA, Ion, L, Antohe, S ,	Graphene-based quantum electronics
Patrascu, MEB , Badea, NM, Tugulea, L , Meghea, A,	Self-consistent potentials and linear regime conductance of cylindrical nanowire transistors in the R-matrix formalism
	Photo-Oxidative Stress on Model Membranes - Studies by Optical Methods

Ionita, I, Dragoman, D,	POLARIZATION CONTROL OF METAMATERIAL BEHAVIOR
Ioanid, A, Dafinei, AS,	MODELLING OF THE LOW-FREQUENCY SOLVENT DIELECTRIC PERMITTIVITY IN NANOCHANNELS IN THE
Deligeorgis, G, Dragoman, M, Neculoiu, D, Dragoman, D, Konstantinidis, G, Cismaru, A, Plana, R,	Microwave propagation in graphene
Sima, M, Ion, L, Antohe, S, Vasile, E,	Submicron wires with nanosized grain structure
Dolocan, V, Dolocan, A, Dolocan, VO,	A HAMILTONIAN FOR THE BOSON-BOSON INTERACTION BASED ON ELASTIC COUPLING THROUGH FLUX
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Dragoman, D, Dragoman, M, Plana, R, Socol, G, Mihailescu, IN, Albu, AM,	Millimeter wave power sensing using micro- and nanoelectromechanical systems
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Dragoman, D,	Relativistic aberrations in quantum phase space
Berbecaru, C, Alexandru, HV, Ianculescu, A, Popescu, A, Socol, G, Sima, F, Mihailescu, I,	Bioglass thin films for biomimetic implants
Dragoman, M, Dragoman, D, Coccetti, F, Plana, R, Muller, AA,	Microwave switches based on graphene
Burada, M, Soare, V, Mitrica, D, Lungu, CP, Ghenescu, V, Ion, L,	GROWTH OF CIS THIN FILMS USING ONE STEP ELECTRODEPOSITION PROCESS
Racec, PN, Racec, ER, Neidhardt, H, Alexandru, HV, Ioachim, A, Ioacsan, MI, Nedelcu, L, Banciu, MG, Berbecaru, C, Voicu, G, Jinga, S, Andronescu, E,	Evanescent channels and scattering in cylindrical nanowire heterostructures Ba(Zn _{1/3} La _{2/3})O-3 Ceramics for Microwave and Millimeter-wave Applications
Bazavan, D, Bazavan, R, Enculescu, I, Matei, E, Necula, C, Ion, L, Antohe, S,	Magnetic properties of NiCu thin films obtained by electrodeposition
Alexandru, HV,	Pure and Doped Triglycine Sulfate Crystals Growth and Characterization
Al Ahmad, M, Dragoman, D, Dragoman, M, Plana, R, Ting, JH, Huang, FY, Li, TL,	Multiple negative differential resistances in crossed carbon nanotubes
Dinca, MP, Gheorghe, M, Aherne, M, Galvin, P,	Fast and accurate temperature control of a PCR microsystem with a disposable reactor

Rasoga, OL, Socol, M, Stanculescu, F,	Charge carrier transport phenomena in some organic heterojunctions
Barbinta-Patrascu, ME, Tugulea, L, Meghea, A,	Procaine Effects on Model Membranes with Chlorophyll a
Dragoman, D,	Classical versus complex fractional Fourier transformation
Bazavan, R, Ion, L, Socol, G, Enculescu, I, Bazavan, D, Tazlaoanu, C, Lorinczi, A, Mihailescu, IN, Popescu, M, Antohe, S,	Optical properties of pulsed-laser deposited ZnO thin films
Dragoman, M, Muller, AA, Dragoman, D, Coccetti, F, Plana, R,	Terahertz antenna based on graphene
Dragoman, D,	Polarization optics analogy of quantum wavefunctions in graphene
Berbecaru, C, Alexandru, HV, Stan, GE, Marcov, DA, Pasuk, I, Lanculescu, A,	First stages of bioactivity of glass-ceramics thin films prepared by magnetron sputtering technique
Dragoman, D, Dragoman, M, Hartnagel, H,	Terahertz generation based on an optically pumped ballistic electron wave swing device
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Patrascu, MEB, Tugulea, L, Lacatusu, I, Meghea, A,	Spectral Characterization of Model Systems Containing Lipids and Chlorophyll
Diculescu, VC, Militaru, A, Shah, A, Qureshi, R, Tugulea, L, Brett, AMO,	Redox mechanism of lumazine at a glassy carbon electrode
Racec, ER, Wulf, U, Racec, PN, Ion, L, Ghenescu, V, Iftimie, S, Antone, VA, Radu, A, Gugiu, M, Velisa, G, Porumb, O, Antohe, S,	Fano regime of transport through open quantum dots
Dragoman, M, Neculoiu, D, Deligeorgis, G, Konstantinidis, G, Dragoman, D, Cismaru, A, Muller, AA, Plana, R,	Temperature dependent resistivity and Hall effect in proton irradiated CdS thin films
Iordache, S, Ducu, AM, Cucu, A, Andronie, A, Stamatina, S, Ceaus, C, Popescu, A, Fagadar-Cosma, E,	Millimeter-wave generation via frequency multiplication in graphene
Ene-Dobre, M, Banciu, MG, Nedelcu, L, Ioachim, A, Alexandru, HV,	The characterization of the immobilized active substrates on screen-printed electrodes designed for response to the
Stanculescu, A, Abu, AM, Socol, G, Stanculescu, F, Socol, M, Preda, N, Rasoga, O, Girtan, M, Iulian, I,	Dielectric resonator antennas of ZST advanced ceramics
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	Electrical and photoelectrical properties of organic photovoltaic cells based on polymer blends ITO/PEDOT/P3HT: PCBM

Petre, M, Bobulescu, RC , Petre, C, Mirea, M,	CRANKING INERTIA IN THE FRAME OF THE WOODS-SAXON TWO CENTER SHELL MODEL
Dragoman, D ,	Kane-like electrons in type II/III heterostructures versus Dirac-like electrons in graphene
Ioanid, A, Dieaconu, M, Antohe, S ,	A SEMIEMPIRICAL POTENTIAL MODEL FOR H-TERMINATED FUNCTIONALIZED SURFACE OF POROUS SILICON
Dolocan, V , Dolocan, A, Dolocan, VO,	QUANTUM MECHANICAL TREATMENT OF THE ELECTRON-BOSON INTERACTION VIEWED AS A COUPLING
Dolocan, V , Dolocan, A, Dolocan, VO,	Some aspects of polaritons and plasmons in materials
Ghica, C, Ion, L , Epurescu, G, Nistor, L, Antohe, S , Dinescu, M,	Organic Photovoltaic Cells Based on ZnO Thin Film Electrodes
Dragoman, M, Konstantinidis, G, Cismaru, A, Vasilache, D, Dinescu, A, Dragoman, D , Neculoiu, D, Buiculescu, R, Deligeorgis,	Negative differential resistance in GaN nanowire network
Matei, E, Ion, L, Antohe, S , Neumann, R, Enculescu, I,	Multisegment CdTe nanowire homojunction photodiode
Stefanescu, T, Manole, C, Parvu, C, Patrascu, MEB, Tugulea, L ,	Supported phospholipid bilayers with chlorophyll for optoelectronic devices
Dragoman, D , Dragoman, M, Plana, R, Mernea, M, Calborean, O, Dinca, MP ,	Tunable electrical superlattices in periodically gated bilayer graphene
Leca, A , Apostol, D, Dascalu, T, Mihailescu, D,	The simulation of bovine serum albumin vibration spectrum in THz domain
Dinca, MP , Leca, A, Apostol, D, Mernea, M, Calborean, O, Mihailescu, D, Dascalu, T,	Transmission THz time domain system for biomolecules spectroscopy
Niculae, CM , Niculae, M,	RECONSIDERING OF SLOW FAST METHOD IN DERIVING PSEUDOPOTENTIAL FUNCTION FOR
Deligeorgis, G, Dragoman, M, Neculoiu, D, Dragoman, D , Konstantinidis, G, Cismaru, A, Plana, R,	Microwave switching of graphene field effect transistor at and far from the Dirac point
Mirica, C, Giurgiu, L ,	On the stability limits of the hydrogen maser
Dragoman, D , Dragoman, M,	There is no Hartman effect in graphene structures
Dolocan, V , Dolocan, A, Dolocan, VO,	ON THE CHEMICAL BINDINGS IN SOLIDS
Filip, MR, Antohe, S, Ion, L , Tanemura, M,	Quantum limits to the electron field emission from tapered conductive sheets
Mirea, M, Bobulescu, RC ,	Cranking mass parameters for fission

Nemnes, GA, Ion, L, Antohe, S,	Thermo-electrical properties of nanostructured ballistic nanowires in the R-matrix formalism using the Implicitly
Rasoga, O, Dragoman, D,	Engineered beam shaping effect in anisotropic photonic crystals
Dragoman, M, Neculoiu, D, Dragoman, D, Deligeorgis, G, Konstantinidis, G, Cismaru, A, Coccetti, F, Plana, R,	Graphene for Microwaves
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C1.1. Lucrari indexate ISI Web of Knowledge

**publicate in reviste cu factor de impact calculat si scorul relativ de influenta cumulat
ul de predare si cercetare stiintifica cu norma de baza/titular in cadrul universitatii)**

Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul Volumului	Anul publicarii	Paginile
revista cu factor de impact calculat	APPLIED SURFACE SCIENCE	0169-4332	253	2006	376-380
revista cu factor de impact calculat	PHYSICAL REVIEW B	1098-0121	73	2006	125417
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revista cu factor de impact calculat	FEBS JOURNAL	1742-464X	273	2006	156
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revista cu factor de impact calculat	MODERN PHYSICS LETTERS B	0217-9849	21	2007	25-36
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revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	101	2007	104316
revista cu factor de impact calculat	ROMANIAN REPORTS IN PHYSICS	1221-1451	59	2007	93-99
revista cu factor de impact calculat	EPL	0295-5075	77	2007	50001
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	101	2007	36111
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9	2007	1750-1756

revista cu factor de impact calculat	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	1386-9477	36	2007	158-162
revista cu factor de impact calculat	JOURNAL OF THE EUROPEAN CERAMIC SOCIETY	0955-2219	27	2007	1177-1180
revista cu factor de impact calculat	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL	0740-3224	24	2007	922-927
revista cu factor de impact calculat	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	1557-1939	20	2007	215-224
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9	2007	828-835
revista cu factor de impact calculat	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	0370-1972	244	2007	1607-1611
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9	2007	1576-1581
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9	2007	1382-1394
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9	2007	1352-1357
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9	2007	1342-1346
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9	2007	
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9	2007	1800-1802
revista cu factor de impact calculat	PHYSICAL REVIEW B	1098-0121	75	2007	75320
revista cu factor de impact calculat	APPLIED PHYSICS LETTERS	0003-6951	93	2008	103105
revista cu factor de impact calculat	REVISTA DE CHIMIE	0034-7752	59	2008	834-837
revista cu factor de impact calculat	BIOMEDICAL MICRODEVICES	1387-2176	10	2008	719-725
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	104	2008	74314
revista cu factor de impact calculat	MODERN PHYSICS LETTERS B	0217-9849	22	2008	2481-2492
revista cu factor de impact calculat	THIN SOLID FILMS	0040-6090	516	2008	8210-8214

revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	10	2008	2599-2602
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	10	2008	3054-3057
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	10	2008	3048-3050
revista cu factor de impact calculat	ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY	1453-8245	11	2008	29-35
ISI Proceedings	CAS: 2008 INTERNATIONAL SEMICONDUCTOR	1842-6573	3	2008	257-260
revista cu factor de impact calculat	APPLIED PHYSICS LETTERS	0003-6951	93	2008	43117
revista cu factor de impact calculat	APPLIED PHYSICS LETTERS	0003-6951	92	2008	63118
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	10	2008	3241-3246
revista cu factor de impact calculat	JOURNAL OF CRYSTAL GROWTH	0022-0248	310	2008	1765-1771
revista cu factor de impact calculat	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	1842-6573	2	2008	113-116
revista cu factor de impact calculat	PROGRESS IN QUANTUM ELECTRONICS	0079-6727	32	2008	1 si 41
revista cu factor de impact calculat	THIN SOLID FILMS	0040-6090	516	2008	6504-6511
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	103	2008	84310
revista cu factor de impact calculat	PHYSICA SCRIPTA	0031-8949	77	2008	35005
revista cu factor de impact calculat	APPLIED PHYSICS LETTERS	0003-6951	92	2008	216102
revista cu factor de impact calculat	JOURNAL OF DIFFERENTIAL EQUATIONS	0022-0396	224	2008	2545-2577
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	10	2008	1478-1481
revista cu factor de impact calculat	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	1386-9477	40	2008	2504-2507
revista cu factor de impact calculat	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	1386-9477	40	2008	2485-2488

revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	10	2008	1994-1998
revista cu factor de impact calculat	OPTICS COMMUNICATIONS	0030-4018	281	2008	2685-2689
revista cu factor de impact calculat	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	1842-6573	3	2009	1065-1072
revista cu factor de impact calculat	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	1842-6573	3	2009	1073-1075
revista cu factor de impact calculat	ROMANIAN REPORTS IN PHYSICS	1221-1451	61	2009	513-521
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	106	2009	044312
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	106	2009	053111
revista cu factor de impact calculat	PHYSICAL REVIEW E	1539-3755	80	2009	022901
revista cu factor de impact calculat	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	1842-6573	3	2009	1023-1026
revista cu factor de impact calculat	NANOTECHNOLOGY	0957-4484	20	2009	375203
revista cu factor de impact calculat	ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY	1453-8245	12	2009	308-316
revista cu factor de impact calculat	BIOELECTROCHEMISTRY	1567-5394	74	2009	278-288
revista cu factor de impact calculat	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	1842-6573	3	2009	1008-1012
revista cu factor de impact calculat	JOURNAL OF PHYSICS-CONDENSED MATTER	0953-8984	21	2009	485301
revista cu factor de impact calculat	ROMANIAN REPORTS IN PHYSICS	1221-1451	61	2009	646-655
revista cu factor de impact calculat	JOURNAL OF NUCLEAR MATERIALS		394	2009	182-189
revista cu factor de impact calculat	PROGRESS IN QUANTUM ELECTRONICS	0079-6727	33	2009	165-214
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	106	2009	113714
revista cu factor de impact calculat	ELECTROCHEMISTRY AND PHYSICAL CHEMICAL METHODS IN SERVING		415	2009	29-32

ISI Proceedings	CAS: 2009 INTERNATIONAL SEMICONDUCTOR		1-2	2009	537-540
ISI Proceedings	CAS: 2009 INTERNATIONAL SEMICONDUCTOR		1-2	2009	139-142
revista cu factor de impact calculat	APPLIED PHYSICS LETTERS	0003-6951	95	2009	073107
revista cu factor de impact calculat	SUPERLATTICES AND MICROSTRUCTURES		46	2009	833-839
revista cu factor de impact calculat	MODERN PHYSICS LETTERS B	0217-9849	23	2009	1263-1272
revista cu factor de impact calculat	OPTOELECTRONICS AND ADVANCED MATERIALS- RAPID COMMUNICATIONS		3	2009	714-717
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	105	2009	14505
revista cu factor de impact calculat	APPLIED SURFACE SCIENCE	0169-4332	255	2009	5611-5614
revista cu factor de impact calculat	PHYSICA SCRIPTA	0031-8949	79	2009	15003
revista cu factor de impact calculat	OPTICS COMMUNICATIONS	0030-4018	282	2009	1042-1046
revista cu factor de impact calculat	APPLIED SURFACE SCIENCE	0169-4332	255	2009	5476-5479
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	105	2009	54309
revista cu factor de impact calculat	METALURGIA INTERNATIONAL	1582-2214	14	2009	193-196
revista cu factor de impact calculat	PHYSICAL REVIEW B	1098-0121	79	2009	121-128
revista cu factor de impact calculat	INTERDISCIPLINARY TRANSPORT PHENOMENA: FLUID,	0077-8923	1161	2009	549-553
revista cu factor de impact calculat	OPTOELECTRONICS AND ADVANCED MATERIALS- RAPID COMMUNICATIONS	1842-6573	3	2009	484-488
revista cu factor de impact calculat	INTERDISCIPLINARY TRANSPORT PHENOMENA: FLUID,	0077-8923	1161	2009	387-396
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	105	2009	114303
revista cu factor de impact calculat	JOURNAL OF MICROMECHANICS AND MICROENGINEERING	0960-1317	19	2009	509-514

revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	11	2009	509-514
revista cu factor de impact calculat	REVISTA DE CHIMIE	0034-7752	11	2009	337-341
revista cu factor de impact calculat	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS	1084-7529	26	2009	274-277
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	11	2009	425-428
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	107	2010	104313
revista cu factor de impact calculat	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL	0740-3224	27	2010	1325-1331
revista cu factor de impact calculat	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL	0921-5107	169	2010	101-105
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	108	2010	26103
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	12	2010	2171-2175
revista cu factor de impact calculat	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1542-1406	522	2010	448-458
revista cu factor de impact calculat	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	1572-6657	647	2010	1-7
revista cu factor de impact calculat	PHYSICAL REVIEW B	1098-0121	82	2010	85313
revista cu factor de impact calculat	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	1842-6573	4	2010	1114-1117
revista cu factor de impact calculat	APPLIED PHYSICS LETTERS	0003-6951	97	2010	093101
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	12	2010	1946-1951
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	12	2010	1926-1929
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	12	2010	731-739
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	108	2010	84316
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	12	2010	212-218

revista cu factor de impact calculat	ROMANIAN JOURNAL OF PHYSICS	1221-146X	55	2010	741-749
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	108	2010	094302
revista cu factor de impact calculat	DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES	1842-3582	5	2010	947-957
revista cu factor de impact calculat	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	0217-9792	24	2010	479-495
ISI Proceedings	COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL	1007-5704	15	2010	629-636
revista cu factor de impact calculat	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	1533-4880	10	2010	1322-1326
revista cu factor de impact calculat	APPLIED PHYSICS LETTERS	0003-6951	96	2010	053116
revista cu factor de impact calculat	NANOTECHNOLOGY	0957-4484	21	2010	33-38
revista cu factor de impact calculat	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	1842-6573	4	2010	33-38
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	107	2010	44312
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	12	2010	135-140
revista cu factor de impact calculat	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	12	2010	110-114
revista cu factor de impact calculat	ROMANIAN JOURNAL OF PHYSICS	1221-146X	55	2010	13-23
revista cu factor de impact calculat	APPLIED PHYSICS LETTERS	0003-6951	96	2010	103105
revista cu factor de impact calculat	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	1842-6573	4	2010	431-437
revista cu factor de impact calculat	JOURNAL OF APPLIED PHYSICS	0021-8979	107	2010	54306
revista cu factor de impact calculat	ROMANIAN JOURNAL OF PHYSICS	1221-146X	55	2010	153-172
revista cu factor de impact calculat	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B	1071-1023	28	2010	2A64-C2A7
revista cu factor de impact calculat	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	0954-3899	37	2010	1613-1617

revista cu factor de impact calculat	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	1386-9477	42	2010	1613-1617
revista cu factor de impact calculat	APPLIED OPTICS	0003-6935	49	2010	2161-2167
revista cu factor de impact calculat	IEEE MICROWAVE MAGAZINE	1527-3342	11	2010	81-86
revista cu factor de impact calculat	GENERAL PHYSIOLOGY AND BIOPHYSICS	0231-5882	29	2010	14-49
revista cu factor de impact calculat	PHYSICA SCRIPTA	0031-8949	81	2010	35702

Scorul relativ de	Afilierea institutionala	Domeniul de ierarhizare
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3.77673		

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C1.1. Lucrari indexate ISI Web of Knowledge

***Lista lucrarilor publicate in reviste fara factor de impact calculat (Science si Social Science)
(pentru personalul de predare si cercetare stiintifica cu norma de baza/titular in cadrul universitatii)***

Nr.	Numele autorului/autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul volumului	Anul publicarii	Paginile	Afilierea institutionala a autorului/autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
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C1.1. Lucrari indexate ISI Web of Knowledge

Lista lucrarilor publicate in reviste din Arts and Humanities

(pentru personalul de predare si cercetare stiintifica cu norma de baza/titular in cadrul universitatii)

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul Volumului	Anul Publicarii	Paginile	Aflierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
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C1.1. Lucrari indexate ISI Web of Knowledge

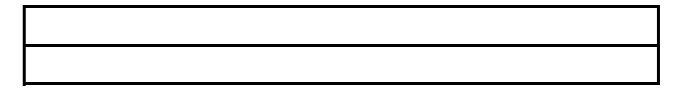
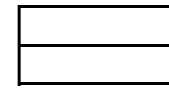
*Lista lucrarilor publicate in volume ale conferintelor indexate (ISI Proceedings)
(pentru personalul de predare si cercetare stiintifica cu norma de baza/titular in cadrul universitatii)*

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele Conferintei indexate	Numele volumului	Anul publicarii	Paginile	Afilierea institutionala a autorului/ autorilor	Locul in care a fost organizata Conferinta (i.e. oras, tara, perioada)	Domeniul de ierarhizare pentru care au fost raportate aceste date
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C1.2. Articole indexate BDI

Lista articolelor publicate in reviste din strainatate indexate BDI sau in reviste categoria B+ (CNCSIS) (pentru personalul de predare si cercetare stiintifica cu norma de baza/titular in cadrul universitatii)

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Numele revistei	Numarul volumului	Anul publicarii	Paginile	Afilierea institutionala a autorului/ autorilor
	ȘTEFAN ANTOHE	PHOTOVOLTAIC CELLS BASED ON ORGANIC AND INORGANIC THIN FILMS AT RESEARCH DEVELOPMENT CENTRE FOR MATERIALS AND ELECTRONIC AND OPTOELECTRONIC DEVICES FROM UNIVERSITY OF BUCHAREST	„QUALITY - ACCESS TO SUCCESS” JOURNAL YEAR 9, NO. 94, 2008 ISSN 1582-2559, CNCSIS B+, INCLUDED IN EBSCO PUBLISHING DATABASE, PGS 1-33		2007		CD/titular
	CAMELIA FLORICA, IULIA ARGHIR, POLONA SKRABA, ALINA DORA CRISAN, LARISA MAGHERUSAN, C. TAZLAOANU, L. ION, S. ANTOHE	ELECTRICAL AND PHOTOELECTRICAL PROPERTIES OF ORGANIC PHOTOVOLTAIC CELLS BASED ON POLY(3-HEXYLTHIOPHENE) AND 1-(3-METHOXYCARBONYL)-PROPYL-1-PHENYL-(6,6)C61	„QUALITY - ACCESS TO SUCCESS” JOURNAL YEAR 9, NO. 94, 2008 ISSN 1582-2559, CNCSIS B+, INCLUDED IN EBSCO PUBLISHING DATABASE, PGS 1-11		2007		Master student, Master student, Master student, PhD student, CD/titular, CD/titular, CD/titular
	A. RADU, L. ION, C. TAZLAOANU, I. ENCULESCU, M. RADU, S. ANTOHE	PHYSICAL PROPERTIES OF CDTE NANOWIRE ARRAYS USED IN PHOTOVOLTAIC APPLICATIONS	QUALITY - ACCESS TO SUCCESS” JOURNAL YEAR 9, NO. 94, 2008 ISSN 1582-2559, CNCSIS B+, INCLUDED IN EBSCO PUBLISHING DATABASE, PGS 1-12		2007		PhD student, CD/titular, CD/titular, CD/titular
	C. TĂZLĂOANU, M. RADU, V. COVLEA, LARISA MAGHERUSAN, L. ION, S. ANTOHE,	STRUCTURAL, OPTICAL AND ELECTRICAL PROPERTIES OF NANOSTRUCTURED ZNO THIN FILMS FOR HYBRIDE PHOTOVOLTAIC CELLS,	QUALITY - ACCESS TO SUCCESS” JOURNAL YEAR 9, NO. 94, 2008 ISSN 1582-2559, CNCSIS B+, INCLUDED IN EBSCO PUBLISHING DATABASE, PGS 1-6		2007		CD/titular, PhD student, PhD student, CD/titular, CD/titular
	ȘTEFAN ANTOHE	PHOTOVOLTAIC CELLS BASED ON ORGANIC AND INORGANIC THIN FILMS AT RESEARCH DEVELOPMENT CENTRE FOR MATERIALS AND ELECTRONIC AND OPTOELECTRONIC DEVICES FROM UNIVERSITY OF BUCHAREST			2008		CD/titular
	CAMELIA FLORICA, IULIA ARGHIR, POLONA SKRABA, ALINA DORA CRISAN, LARISA MAGHERUSAN, C. TAZLAOANU, L. ION, S. ANTOHE	ELECTRICAL AND PHOTOELECTRICAL PROPERTIES OF ORGANIC PHOTOVOLTAIC CELLS BASED ON POLY(3-HEXYLTHIOPHENE) AND 1-(3-METHOXYCARBONYL)-PROPYL-1-PHENYL-(6,6)C61			2008		Master student, Master student, Master student, PhD student, CD/titular, CD/titular, CD/titular
	A. RADU, L. ION, C. TAZLAOANU, I. ENCULESCU, M. RADU, S. ANTOHE	PHYSICAL PROPERTIES OF CDTE NANOWIRE ARRAYS USED IN PHOTOVOLTAIC APPLICATIONS			2008		PhD student, CD/titular, CD/titular, CD/titular
	C. TĂZLĂOANU, M. RADU, V. COVLEA, LARISA MAGHERUSAN, L. ION, S. ANTOHE,	STRUCTURAL, OPTICAL AND ELECTRICAL PROPERTIES OF NANOSTRUCTURED ZNO THIN FILMS FOR HYBRIDE PHOTOVOLTAIC CELLS,			2008		CD/titular, PhD student, PhD student, CD/titular, CD/titular
	Laura Tugulea	Photo-oxidative stress on model membranes- studies by optical methods			2009		Prof. Dr./titular
	C. M. Niculae	Acquiring Knowledge of Physics by a Hands-On Approach in Romanian Primary School			2009		titular



Numele bazei de date	Domeniul de ierarhizare pentru care au fost raportate aceste date
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C1.3. Articole indexate BDI

*Lista articolelor publicate in reviste de specialitate nationale recunoscute CNCIS (categoria B)
(pentru personalul de predare si cercetare stiintifica cu norma de baza/titular in cadrul universitatii)*

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul Volum	Anul publicarii	Paginile	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
	Laura Tugulea	Effects of quercetin on artificial lipid membranes					2009		Prof. Dr./titular	
	Găzdaru D., Chilom C, Gruia M. L., Ioniță I., Geantă C., Popescu A.	Models of Laser Radiation Propagation and Heat Transfer into Cells and Tissues					2008		LectorDr./titular	
	Doina Gazdaru, A. Popescu	Radiolyticoxidation of the immunogenic conjugate testosterone-3-carboxymethyloxim-bovine serum albumin and rabbit antitestosterone antiserum					2007		Prof. Dr./titular	
	Chilom C, Găzdaru D., Geantă C., Popescu A.	Absorbtion and Fluorescence Modifications of Tumoral Tissue Proteins					2007		Lector Dr./titular	
	Chilom C., Popescu A.	Parameters of Interaction between Proteins and Their Specific Ligands, Deduced by Isothermal Titration Calorimetry					2006		Lector Dr./titular	
	C. M. Niculae	Simple interpolator for Delayed Differential equations					2007		titular	
	C. M. Niculae	Kirchhoff Lows against Node-Voltage Analysis and Millman's Theorem					2007		titular	
	Doina Gazdaru, Claudia Chilom, Catalin Geanta, and Aurel Popescu	Laser radiation propagation and heat transfer into cells and tissues, Rom. J. Biophys. 18, 73-85, 2008					2008		Prof. Dr./Titular	
	Claudia Chilom, Doina Gazdaru, and Aurel Popescu	Absorption and fluorescence modifications of tumoral tissue proteins, Romanian J. Biophysics, 17(3) 185-193, 2007					2007		Prof. Dr./Titular	
	D. Gazdaru, A. Popescu,	Radiolytic oxidation of the immunogenic conjugate testosterone-3-carboxymethyloxim-bovine serum albumin and rabbit antitestosterone antiserum. Rom. Rep. in Physics, 59 (1)					2007		Prof. Dr./Titular	

C1.4. Carti la edituri internationale

***Lista cartilor, de unic autor sau coordonate, publicate la edituri internationale
(pentru personalul de predare si cercetare stiintifica cu norma de baza/titular in cadrul universitatii)***

Nr.	Numele autorului/autorilor	Titlul lucrarii	Anul publicarii	Editura	Orasul	Tara	Afilierea institutionala a autorului/autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
	L.F. DONNA DALLE ROSE, F. CORNET, E. CUNNINGHAM, MC DO CARMO, M. EBEL, H. FERDINANDE, H. GEURTS, E. GOZZI, W.G. JONES, J. NISKANEN, P.SAUER, S. STEENSTRUP, L. TUGULEA, E.G. VITORATOS	REFERENCE POINTS FOR THE DESIGN AND DELIVERY OF DEGREE PROGRAMMES IN PHYSICS, TUNING SERIES	2007	PUBLICATIONES DE LA UNIVERSIDAD DE DEUSTO, BILBAO, SPAIN, 2008, ISBN: 978-84-9830-168-7			CD/titular	
	MUTIHAC RADU	BAYESIAN NEURAL NETWORKS FOR IMAGE RESTORATION (CHAPTER)	2007	ENCYCLOPEDIA OF ARTIFICIAL INTELLIGENCE (J.R. RABUÑAL, J. DORADO & A. PAZOS, EDS.), INFORMATION SCIENCE REFERENCE, IGI GLOBAL, HERSHEY, NEW YORK , PP. 223-230, 2008				
	MUTIHAC RADU	MATHEMATICAL MODELING OF ARTIFICIAL NEURAL NETWORKS (CHAPTER)	2007	IN ENCYCLOPEDIA OF ARTIFICIAL INTELLIGENCE (J.R. RABUÑAL, J. DORADO & A. PAZOS, EDS.), INFORMATION SCIENCE REFERENCE, IGI GLOBAL, HERSHEY, NEW YORK, PP. 1056-1063, 2008				
	MUTIHAC RADU	ADAPTIVE NEURAL NETWORK ALGORITHMS FOR INDEPENDENT COMPONENT ANALYSIS (CHAPTER)	2007	ENCYCLOPEDIA OF ARTIFICIAL INTELLIGENCE (J.R. RABUÑAL, J. DORADO & A. PAZOS, EDS.), INFORMATION SCIENCE REFERENCE, IGI GLOBAL, HERSHEY, NEW YORK, PP. 22-30, 2008				
	D. Dragoman	Nanoelectronics: Principles and Devices, Artech House, 2nd edition	2009	Artech House, Boston, U.S.A.			Prof. Dr./titular	
	D. Dragoman	Nanoelectronics: Principles and Devices	2006	Artech House, Boston, U.S.A.			Prof. Dr./titular	
	Aurel Popescu, V. Raicu	Integrated Molecular and Cellular Biophysics, Springer Science, ISBN: 978-1-4020-8267-2, pp. 250, 2008	2008	Springer			Prof.Dr./Titular	

C1.5. Carti la edituri CNCSIS

***Lista cartilor, de unic autor sau coordonate, publicate la edituri CNCSIS
(pentru personalul de predare si cercetare stiintifica cu norma de baza/titular in cadrul universitatii)***

Nr.	Numele autorului/autorilor	Titlul lucrarii	Anul publicarii	Editura	Orasul	Afilierea institutionala a autorului/autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
	BERBECARU CICERON, HORIA ALEXANDRU	METODE EXPERIMENTALE IN STIINTA MATERIALELOR	2007	EDITURA UNIVERSITATII DIN BUCURESTI	Bucuresti		
	R. MUTIHAC	IMAGING QUALITY IN MEDICAL PHYSICS (IN ENGLISH),	2007	EDITURA UNIVERSITATII DIN BUCURESTI	Bucuresti		
	L. MUTIHAC & R. MUTIHAC	ADVANCED DATA ANALYSIS IN CHEMOMETRICS	2007	EDITURA UNIVERSITATII DIN BUCURESTI	Bucuresti		
	LAURA TUGULEA	TEHNICI SPECTROSCOPICE IN STUDIUL BIOMOLECULELOR	2007	EDITURA UNIVERSITATII DIN BUCURESTI	Bucuresti		
	BERBECARU CICERON, HORIA ALEXANDRU	METODE EXPERIMENTALE IN STIINTA MATERIALELOR	2008	EDITURA UNIVERSITATII DIN BUCURESTI	Bucuresti		
	R. MUTIHAC	IMAGING QUALITY IN MEDICAL PHYSICS (IN ENGLISH),	2008	EDITURA UNIVERSITATII DIN BUCURESTI	Bucuresti		
	L. MUTIHAC & R. MUTIHAC	ADVANCED DATA ANALYSIS IN CHEMOMETRICS	2008	EDITURA UNIVERSITATII DIN BUCURESTI	Bucuresti		
	LAURA TUGULEA	TEHNICI SPECTROSCOPICE IN STUDIUL BIOMOLECULELOR	2008	EDITURA UNIVERSITATII DIN BUCURESTI	Bucuresti		
	Laura Tugulea	Lipozomii- modele de biomembrane	2010	Editura Universitatii din Bucuresti	Bucuresti		
	Doina M. Gazdaru	Interactii biomoleculare	2007	Editura Universitatii din Bucuresti	Bucuresti		
	Marcela Elisabeta Bărbîntă Pătrașcu	Lipozomii - modele de biomembrane	2010	Editura Universitatii din Bucuresti	Bucuresti		

C1.6. Capitoale de carti la edituri internationale

***Lista capitolelor de carte publicate la edituri internationale
(pentru personalul de predare si cercetare stiintifica cu norma de baza/titular in cadrul universitatii)***

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Titlul capitolului	Anul publicarii	Editura	Orasul	Tara	Afilierea institutionala a autorului/	Domeniul de ierarhizare pentru care au fost
		Chapter 16 „Electronic and Optoelectronic Devices based on Organic Thin Films ”	HANDBOOK OF ORGANIC ELECTRONICS AND PHOTONICS						
		BAYESIAN NEURAL NETWORKS FOR IMAGE RESTORATION , capitol in ENCYCLOPEDIA OF ARTIFICIAL INTELLIGENCE (J.R. RABUÑAL, J. DORADO & A. PAZOS, EDS.), INFORMATION SCIENCE REFERENCE, IGI GLOBAL, HERSHEY, NEW YORK , PP. 223-230, 2008							
		MATHEMATICAL MODELING OF ARTIFICIAL NEURAL NETWORKS capitol in ENCYCLOPEDIA OF ARTIFICIAL INTELLIGENCE (J.R. RABUÑAL, J. DORADO & A. PAZOS, EDS.), INFORMATION SCIENCE REFERENCE, IGI GLOBAL, HERSHEY, NEW YORK, PP. 1056-1063, 2008							
		ADAPTIVE NEURAL NETWORK ALGORITHMS FOR INDEPENDENT COMPONENT ANALYSIS capitol in ENCYCLOPEDIA OF ARTIFICIAL INTELLIGENCE (J.R. RABUÑAL, J. DORADO & A. PAZOS, EDS.), INFORMATION SCIENCE REFERENCE, IGI GLOBAL, HERSHEY, NEW YORK, PP. 22-30, 2008							
		TRENDS IN NANOPHYSICS, Theory, Experiment and Technology, pages 133-147, edited by A. Aldea and V. Bârsan, SPRINGER (Engineering Materials), 2010, ISBN 978-3-642-12069-5							
		Nanostructured Materials and Nanotechnology IV, Wiley,							
		Tuning Guide to Formulating Degree Programme Profiles, ISBN: 978-84-9830-375-9							
		Reference Points for the Design and Delivery of Degree Programme in Physics”, Tuning Educational Structures in Europe Series, ISBN: 978-84-9830-168-7							

C1.7. Capitole de carti la edituri CNCSIS

*Lista capitolelor de carte publicate la edituri nationale recunoscute de CNCSIS
(pentru personalul de predare si cercetare stiintifica cu norma de baza/titular in cadrul universitatii)*

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Titlul capitolului	Anul publicarii	Editura	Orasul	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
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C1.1. Lucrari indexate ISI Web of Knowledge

Lista lucrarilor publicate in reviste cu factor de impact calculat si scorul relativ de influenta cumulat

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul Volumului	Anul publicarii	Paginile	Scorul relativ de influenta cumulat	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate datele
1	Aaron, FD; Zus, R	Diffractional electroproduction of rho and phi mesons at HERA	articol	JOURNAL OF HIGH ENERGY PHYSICS	1126-6708	1005	2010	32	1.82222	Universitatea din Bucuresti	Fizica
2	Aaron, FD; Zus, R	Events with an isolated lepton and missing transverse momentum and measurement of W production at HERA	articol	JOURNAL OF HIGH ENERGY PHYSICS	1126-6708	1003	2010	35	1.82222	Universitatea din Bucuresti	Fizica
3	Aaron, FD; Zus, R	Prompt photons in photoproduction at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	66	2010	17-33	1.31683	Universitatea din Bucuresti	Fizica
4	Aaron, FD; Zus, R	Jet production in ep collisions at high Q(2) and determination of alpha(s)	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	65	2010	363-383	1.31683	Universitatea din Bucuresti	Fizica
5	Aaron, FD; Zus, R	Measurement of the charm and beauty structure functions using the H1 vertex detector at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	65	2010	89-109	1.31683	Universitatea din Bucuresti	Fizica
6	Aaron, FD; Zus, R	A precision measurement of the inclusive ep scattering cross section at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	64	2009	561-58	1.31683	Universitatea din Bucuresti	Fizica
7	Aaron, FD; Zus, R	Deeply virtual Compton scattering and its beam charge asymmetry in e(+/-)p collisions at HERA	articol	PHYSICS LETTERS B	0370-2693	681	2009	391-399	3.46667	Universitatea din Bucuresti	Fizica
8	Aaron, FD; Zus, R	Multi-leptons with high transverse momentum at HERA	articol	JOURNAL OF HIGH ENERGY PHYSICS	1126-6708	10	2009	13	1.82222	Universitatea din Bucuresti	Fizica
9	Aaron, FD; Zus, R	Observation of the hadronic final state charge asymmetry in high Q(2) deep-inelastic scattering at HERA	articol	PHYSICS LETTERS B	0370-2693	681	2009	125-133	3.46667	Universitatea din Bucuresti	Fizica
10	Aaron, FD; Zus, R	Search for single top quark production at HERA	articol	PHYSICS LETTERS B	0370-2693	678	2009	450-458	3.46667	Universitatea din Bucuresti	Fizica
11	Aaron, FD; Zus, R	Search for excited quarks in ep collisions at HERA	articol	PHYSICS LETTERS B	0370-2693	678	2009	335-343	3.46667	Universitatea din Bucuresti	Fizica
12	F. D. Aaron	Measurement of Diffractional Scattering of Photons with Large Momentum Transfer at HERA	articol	Phys. Lett. B ,	0370-2693	672	2009	219-226	3.46667	Universitatea din Bucuresti	Fizica

13	F. D. Aaron	Inclusive Photoproduction of ρ^0, K^{*0} and ϕ mesons at HERA	articol	Phys. Lett. B ,	0370-2693	673	2009	119-126	3.46667	Universitatea din Bucuresti	Fizica
14	F. D. Aaron	A General Search for New Phenomena at HERA	articol	Phys. Lett. B ,	0370-2693	674	2009	257-268	3.46667	Universitatea din Bucuresti	Fizica
15	F. D. Aaron	Events with isolated leptons and missing transverse momentum and measurement of W production at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	64	2009	251-271	1.31683	Universitatea din Bucuresti	Fizica
16	F. D. Aaron	Measurement of the inclusive ep scattering cross section at low Q (2) and x at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	63	2009	625-678	1.31683	Universitatea din Bucuresti	Fizica
17	F. D. Aaron	Strangeness production at low Q(2) in deep-inelastic ep scattering at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	61	2009	185-205	1.31683	Universitatea din Bucuresti	Fizica
18	F. D. Aaron	Study of charm fragmentation into D (* +/-) mesons in deep-inelastic scattering at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	59	2009	589-606	1.31683	Universitatea din Bucuresti	Fizica
19	F. D. Aaron	Measurement of the D*± Meson Production Cross Section and F2cc at high Q2 in ep Scattering at HERA	articol	PHYSICS LETTERS B	0370-2693	686	2010	91-100	3.46667	Universitatea din Bucuresti	Fizica
20	F. D. Aaron	Jet Production in ep Collisions at Low Q2 and Determination of α_S	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	65	2010	363-383	1.31683	Universitatea din Bucuresti	Fizica
21	F. D. Aaron	Measurement of Leading Neutron Production in Deep-Inelastic Scattering at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	68	2010	381-399	1.31683	Universitatea din Bucuresti	Fizica
22	F. D. Aaron	Inelastic Production of J/ψ Mesons in Photoproduction and Deep-Inelastic Scattering at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	68	2010	401-420	1.31683	Universitatea din Bucuresti	Fizica
23	F. D. Aaron	Diffraction dijet photoproduction in ep collisions at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	70	2010	15-37	1.31683	Universitatea din Bucuresti	Fizica
24	F. D. Aaron	Combined Measurement and QCD Analysis of the Inclusive $e^{+/-} - p$ Scattering Cross Sections at HERA	articol	JOURNAL OF HIGH ENERGY PHYSICS	1126-6708	1001	2010	109	1.82222	Universitatea din Bucuresti	Fizica

25	F. D. Aaron	Multi-lepton production at high transverse momenta in ep collisions at HERA	articol	PHYSICS LETTERS B	0370-2693	668	2008	268-276	3.46667	Universitatea din Bucuresti	Fizica
26	F. D. Aaron	Search for excited electrons in ep collisions at HERA	articol	PHYSICS LETTERS B	0370-2693	666	2008	131-139	3.46667	Universitatea din Bucuresti	Fizica
27	F. D. Aaron	Measurement of the proton structure function F-L(x, Q(2)) at low x	articol	PHYSICS LETTERS B	0370-2693	665	2008	139-146	3.46667	Universitatea din Bucuresti	Fizica
28	F. D. Aaron	A search for excited neutrinos in e(-) p collisions at HERA	articol	PHYSICS LETTERS B	0370-2693	663	2008	382-389	3.46667	Universitatea din Bucuresti	Fizica
29	F. D. Aaron	Measurement of isolated photon production in deep-inelastic scattering at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	54	2008	371-387	1.31683	Universitatea din Bucuresti	Fizica
30	F. D. Aaron	Three- and four-jet production at low x at HERA	articol	EUROPEAN PHYSICAL JOURNAL C	1434-6044	54	2008	389-409	1.31683	Universitatea din Bucuresti	Fizica
31	F. D. Aaron	Measurement of deeply virtual Compton scattering and its t-dependence at HERA	articol	PHYSICS LETTERS B	0370-2693	659	2008	796-806	3.46667	Universitatea din Bucuresti	Fizica
32	F. D. Aaron	Charged particle production in high Q(2) deep-inelastic scattering at HERA	articol	PHYSICS LETTERS B	0370-2693	654	2007	148-159	3.46667	Universitatea din Bucuresti	Fizica
33	Raduta, AA; Aaron, FD	Semiclassical description of a sixth-order quadrupole boson Hamiltonian	articol	NUCLEAR PHYSICS A	0375-9474	772	2006	20-54	1.21166	Universitatea din Bucuresti	Fizica
34	Raduta, AA; Aaron, FD	A simple description of the states 0(+) and 2(+) in Er-168	articol	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	0954-3899	34	2007	2053-2061	1.28067	Universitatea din Bucuresti	Fizica
35	Raduta, AA; Aaron, FD	A POSSIBLE INTERPRETATION OF THE MULTIPLETS 0(+) AND 2(+) IN Er-168	articol	ROMANIAN JOURNAL OF PHYSICS	1221-146X	54	2009	887-898	0	Universitatea din Bucuresti	Fizica
36	Raduta, AA; Aaron, FD	Phenomenological Description of the States 0+ and 2+ in Some Even-Even Nuclei	articol	J. Phys. G : Nucl. Part. Phys.	0954-3899	36	2009	55101	1.28067	Universitatea din Bucuresti	Fizica
37	A. A. Raduta	Remarks on monopole charge properties within the generalized coherent model	articol	Jour. Phys. G:Nucl. Part. Phys.	0954-3899	36	2009	15114	1.28067	Universitatea din Bucuresti	Fizica

38	A. A. Raduta; P Buganu	A solvable model with has X(5) as a limiting symmetry and removes some inherent drawbacks	articol	Nucl. Phys. A	0375-9474	819	2009	46-78	1.21166	Universitatea din Bucuresti	Fizica
39	A. A. Raduta	Collective dipole excitations in sodium clusters	articol	Phys. Rev. A.	1050-2947	79	2009	23202	3.16959	Universitatea din Bucuresti	Fizica
40	A. A. Raduta	Coherent state model extension for the description of positive and negative parity bands in even-odd nuclei	articol	Phys. Rev. C	0556-2813	80	2009	44327	1.37423	Universitatea din Bucuresti	Fizica
41	A. A. Raduta	Extension of the Thomas-Reiche-Kuhn Sum Rule to a Schiff-like dipole moment	articol	Rom. Jour. Phys. 1-2	1221-146X	55	2010	75-92	0	Universitatea din Bucuresti	Fizica
42	A. A. Raduta	2 nu beta beta DECAY TO ONE PHONON STATES	articol	ROMANIAN JOURNAL OF PHYSICS	1221-146X	53	2008	1183-1189	0	Universitatea din Bucuresti	Fizica
43	A. A. Raduta	Unified description of the double beta decay to the first quadrupole phonon state in spherical and deformed nuclei	articol	PHYSICAL REVIEW C	0556-2813	76	2007	44306	1.37423	Universitatea din Bucuresti	Fizica
44	A. A. Raduta	Semiclassical description of a triaxial rigid rotor	articol	PHYSICAL REVIEW C	0556-2813	76	2007	64309	1.37423	Universitatea din Bucuresti	Fizica
45	A. A. Raduta	Unified description of the 2 ν beta beta decay to the first quadrupole phonon state in spherical and deformed nuclei	articol	ROMANIAN REPORTS IN PHYSICS	1221-1451	59	2007	583-593	0	Universitatea din Bucuresti	Fizica
46	A. A. Raduta	Preface	articol	ROMANIAN JOURNAL OF PHYSICS	1221-146X	52	2007	769-770	0	Universitatea din Bucuresti	Fizica
47	A. A. Raduta	Underlying gauge symmetries of second-class constraints systems	articol	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	0217-751X	22	2007	787-833	0.51534	Universitatea din Bucuresti	Fizica
48	A. A. Raduta	Solvable models for the gamma deformation having X(5) as limiting symmetry. Removing some drawbacks of the existing descriptions	articol	PHYSICS LETTERS B	0370-2693	648	2007	171-175	3.46667	Universitatea din Bucuresti	Fizica
49	A. A. Raduta	Double beta decay to the first 2(+) state within a boson expansion formalism with a projected spherical single particle basis	articol	PHYSICS LETTERS B	0370-2693	647	2007	265-270	3.46667	Universitatea din Bucuresti	Fizica

50	A. A. Raduta	Simultaneous description of four positive parity bands and four negative parity bands	articol	PHYSICAL REVIEW C	0556-2813	74	2006	44312	1.37423	Universitatea din Bucuresti	Fizica
51	A. A. Raduta	Description of positive and negative parity dipole bands within the extended coherent state model	articol	PHYSICS LETTERS B	0370-2693	635	2006	80-84	3.46667	Universitatea din Bucuresti	Fizica
52	A. A. Raduta	Positive and negative parity dipole bands in Ra-226	articol	NUCLEAR PHYSICS A	0375-9474	768	2006	170-178	1.21166	Universitatea din Bucuresti	Fizica
53	A. A. Raduta	Quantum deformation of the Dirac bracket	articol	PHYSICAL REVIEW D	1550-7998	73	2006	25008	1.70032	Universitatea din Bucuresti	Fizica
54	Vrejoiu, C; Zus, R	Comment on 'A note on the formulation of the Maxwell equations for a macroscopic medium'	articol	EUROPEAN JOURNAL OF PHYSICS	0143-0807	30	2009	L11-L16	0.69892	Universitatea din Bucuresti	Fizica
55	Vrejoiu, C; Zus, R	Is the radiation field calculation from Jefimenko's equations a new insight in the theory?	articol	ROMANIAN REPORTS IN PHYSICS	1221-1451	62	2010	710-721	0	Universitatea din Bucuresti	Fizica
56	Vrejoiu, C; Zus, R	Singular behaviour of the multipole electromagnetic field	articol	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	1751-8113	43	2010	405208	1.54253	Universitatea din Bucuresti	Fizica
57	Dumitriu, I; Vrejoiu, C	Some aspects of electromagnetic multipole expansions	articol	ROMANIAN REPORTS IN PHYSICS	1221-1451	60	2008	423-442	0	Universitatea din Bucuresti	Fizica
58	Vrejoiu C	A note on the suppression and restoration of constants in physical equations	articol	EUROPEAN JOURNAL OF PHYSICS	0143-0807	28	2007	N1-N6	0.69892	Universitatea din Bucuresti	Fizica
59	Costescu, A; Stoica, C. (2 din 3 autori)	The second-order S-matrix element for the elastic scattering of photons by K-shell bound electrons: the nonrelativistic limit	articol	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	0953-4075	40	2007	2995-3014	2.17836	Universitatea din Bucuresti	Fizica
60	Costescu, A; (1 din 2 autori)	Retardation, multipole, and relativistic kinematics effects for x- and gamma-ray Compton scattering from K-shell electrons	articol	PHYSICAL REVIEW A	1050-2947	73	2006	22702	3.16959	Universitatea din Bucuresti	Fizica

61	Costescu, A; Stoica, C. (2 din 3 autori)	Analytical treatment of high transcendental functions involved in perturbation theory for inner shell electrons interaction with gamma-ray	articol	APPLIED AND COMPUTATIONAL MATHEMATICS, 2ND EDITION Book Series: Mathematics and Computers in Science and Engineering	1683-3511	2nd edition	2008	374-380	0	Universitatea din Bucuresti	Fizica
62	Popescu, II (1 din 2 autori)	Hapax Legomena and Language Typology	articol	JOURNAL OF QUANTITATIVE LINGUISTICS	0929-6174	15	2008	370-378	0	Universitatea din Bucuresti	Fizica
63	Baran V.	Does the NJL chiral phase transition affect the elliptic flow of a fluid at fixed eta/s?	articol	PHYSICS LETTERS B	0370-2693	689	2010	18-22	3.46667	Universitatea din Bucuresti	Fizica
64	Baran V.	Probing the nuclear symmetry energy with heavy-ion collisions	articol	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	0954-3899	37	2010	83101	1.28067	Universitatea din Bucuresti	Fizica
65	Baran V.	Dynamical Phase Trajectories in Baryon and Isospin Density Spaces	articol	NUCLEAR PHYSICS A	0375-9474	834	2010	527-530	1.21166	Universitatea din Bucuresti	Fizica
66	Baran V.	Observation of fast collinear partitioning of the 197Au + 197Au system into three and four fragments of comparable size	articol	PHYSICAL REVIEW C	0556-2813	81	2010	24605	1.37423	Universitatea din Bucuresti	Fizica
67	Baran V.	Strong enhancement of dynamical emission of heavy fragments in the neutron-rich Sn-124+Ni-64 reaction at 35A MeV	articol	PHYSICAL REVIEW C	0556-2813	81	2010	64605	1.37423	Universitatea din Bucuresti	Fizica
68	Baran V.	Aligned breakup of heavy nuclear systems as a new type of deep inelastic collisions at small impact parameters	articol	PHYSICAL REVIEW C	0556-2813	81	2010	67604	1.37423	Universitatea din Bucuresti	Fizica
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174	Covlea Vanea + FF	"The Compressed Baryonic Matter Experiment at FAIR: Progress with feasibility studies and detector developments"- Johann M. HEUSER and the CBM Collaboration	articol	Nucl.Phys. A830	0375-9474	830	2009	563c-566c	1.21166	Universitatea din Bucuresti	Fizica
175	Covlea Vanea + FF	CBM Experiment at FAIR"- Paweł STASZEL for the CBM Collaboration	articol	Acta Physica Polonica B Vol. 41 No 2	0587-4254	41	2010	341-350	0.54713	Universitatea din Bucuresti	Fizica

176	Covlea Vanea + FF	Systematic study of the optimization potential for di-electron measurements in the CBM experiment"- K. ANTIPIN for the CBM Collaboration	articol	Indian Journal of Physics 84 12	0019-5480	84	2010	1663-1667	0.13103	Universitatea din Bucuresti	Fizica
177	Covlea Vanea + FF	On a "microscopic hubble constant" from relativistic nuclear collisions	articol	International Journal of Modern Physics, E vol 16	0218-3013	16	2007	1790-1799	0.3819	Universitatea din Bucuresti	Fizica
178	Covlea Vanea + FF	Electronegative character of a reflex discharge plasma source operating in hydrogen	articol	Plasma Sources Science Technol. 15, nr. 2, 288 - 293	0963-0252	15	2006	288 - 293	1.17672	Universitatea din Bucuresti	Fizica
179	Toader Emil, Covlea Vanea	Enhanced magnetic ionization in hydrogen reflex discharge plasma source	articol	Review of Scientific Instruments, vol.76, no.3	0034-6748	76	2005	033502 - 033504	1.66146	Universitatea din Bucuresti	Fizica
180	Bulinski Mircea	Chaotic behaviour in the emission of semiconductor lasers optically coupled with an external cavity	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	12	2010	63-67	0.33626	Universitatea din Bucuresti	Fizica
181	Bulinski Mircea	Optical characterization of the phosphate glasses containing pair transition ions	articol	Optical and Quantum Electronics	0306-8919	39	2007	523-531	0.72807	Universitatea din Bucuresti	Fizica
182	Bulinski Mircea	Power drop-out control by optical phase modulation in a chaotic semiconductor laser	articol	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B- OPTICAL PHYSICS	0740-3224	23	2006	2486-2493	2.32164	Universitatea din Bucuresti	Fizica
183	Bulinski Mircea	Effect of dopant on the physical properties of polymer films for microphotronics	articol	PROGRESS IN SOLID STATE CHEMISTRY	0079-6786	34	2006	103-109	3.77673	Universitatea din Bucuresti	Fizica
184	Bulinski Mircea	Optical and Electronic Proprieties of (Fe+Sb):PVA for Real Time Holography	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	8	2006	1225-1229	0.33626	Universitatea din Bucuresti	Fizica
185	Bejan Doina	Desorption induced by femtosecond laser:nonlinear regime through indirect coupling	articol	J. Opt. Adv. Mat. 8(4) (2006) 1331-1341	1454-4164	8	2006	1331-1341	0.336	Universitatea din Bucuresti	Fizica
186	Bejan Doina	Multipole surface plasmon resonance of an aluminium surface	articol	Opt. Com. 283(2010) 3976-3984	0030-4018	283	2010	3976-3984	1.307	Universitatea din Bucuresti	Fizica
187	Bejan Doina	Nonlinearity in desorption from metallic surfaces I	articol	Romanian Reports in Physics	1221-1451	4	2006	519-528	0	Universitatea din Bucuresti	Fizica

188	Bejan Doina	Nonlinearity in desorption from metallic surfaces II	articol	Romanian Reports in Physics	1221-1451	4	2006	529-538	0	Universitatea din Bucuresti	Fizica
189	Bejan Doina	Ballistic distribution for hot electrons in metals	articol	Romanian Reports in Physics	1221-1451	2	2006	149-157	0	Universitatea din Bucuresti	Fizica
190	Bazavan Marian	Surface modification of polymers at atmospheric pressure in expanding RF plasmas generated by planar Dielectric Barrier Discharges	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	12	2010	777-782	0.33626	Universitatea din Bucuresti	Fizica
191	Bazavan Marian	Temperature determination of a cold n2 discharge plasma by the fit of the experimental spectra with the simulated emission spectra	articol	Romanian Reports in Physics	1221-1451	60	2008	671-678	0	Universitatea din Bucuresti	Fizica
192	F. Stanculescu, I. Ionita	Preparation and characterization of polar aniline functionalized copolymers thin films for optical non-linear applications	articol	Ferroelectrics	0015-0193	389	2009	159 - 173	0.34455	Universitatea din Bucuresti	Fizica
193	Ionita Iulian	Diagnosis of tooth decay using polarized micro-Raman confocal spectroscopy	articol	Rom. Rep. Phys.	1221-1451	61	2009	567-574	0	Universitatea din Bucuresti	Fizica
194	Ionita Iulian	Optical coherent tomography imaging usefulness in implant tissue study	articol	Rom. Rep. Phys.	1221-1451	61	2009	575-580	0	Universitatea din Bucuresti	Fizica
195	Ionita Iulian	MAPLE deposited thin monomer films of maleimidic derivatives for photonics	articol	J. Opt. Adv. Mat.	1454-4164	12	2010	731 - 739	0.33626	Universitatea din Bucuresti	Fizica
196	Ionita Iulian, Toma Ovidiu	Biomedical Applications Of Ultrashort Pulsed Laser Polarimetry	articol	Rom. Rep. Phys.	1221-1451	62	2010	628-633	0	Universitatea din Bucuresti	Fizica
197	Ionita Iulian, Ana Maria Dragne	Collagen Fluorescence Measurements On Nanosilver Treated Leather	articol	Rom. Rep. Phys.	1221-1451	62	2010	634-643	0	Universitatea din Bucuresti	Fizica
198	Ionita Iulian	Laser processing and characterization with femtosecond laser pulses	articol	Rom. Rep. Phys.	1221-1451	62	2010	594-609	0	Universitatea din Bucuresti	Fizica
199	F. Stanculescu, I. Ionita, S. Antohe	MAPLE preparation and characterization of benzil thin films	articol	Optoelectronics And Advanced Materials – Rapid Communications	1842-6573	4	2010	1802 – 1806	0.31287	Universitatea din Bucuresti	Fizica

200	Ionita Iulian	Early diagnosis of tooth decay using fluorescence and polarized Raman spectroscopy	articol	Optoelectronics And Advanced Materials-Rapid Communications	1842-6573	3	2009	1122-1126	0.31287	Universitatea din Bucuresti	Fizica
201	Stanculescu F, Ionita Iulian	Investigation of the correlation between the preparation method and the properties of anilinic derivative functionalized polymer thin films for optical non-linear applications	articol	Materials Science Forum	0255-5476	636-637	2010	798-804	0	Universitatea din Bucuresti	Fizica
202	Toader Emil	Production of negative hydrogen ions using a low-pressure reflex discharge source	articol	NUKLEONIKA	1505-0580	51	2006	29-35	0.14806	Universitatea din Bucuresti	Fizica
203	Stanascu Gabriel, Trutia Athanasie	On UV-VIS spectra of the CoCl2/PEG systems	articol	OPTICAL MATERIALS	0925-3467	29	2006	332-336	1.5731	Universitatea din Bucuresti	Fizica
204	Toader Emil	Transient induced molecular negative ions formed in cold electron collisions with polarized molecules	articol	NUKLEONIKA 2008;53(3):123-126	0255-5476	53	2008	123-126	0.14806	Universitatea din Bucuresti	Fizica
205	Voitcu G. (1 din 3 autori)	Linearity and nonlinearity in the electrooptic modulation with crystals of class (4)over-bar2m. The Stokes parameters analysis	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	12	2010	1962-1968	0.33626	Universitatea din Bucuresti	Fizica
206	Gruia Ion	Spectral and biochemical methods for identification of cellular and tissues malignant changes	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS Volume : 4 Issue: 4 Pages:523-526	1842-6573	4	2010	523-526	0.31287	Universitatea din Bucuresti	Fizica
207	Gruia Ion	Statistical analysis of polarized images of biotissues for diagnose of their pathological changes	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS Volume : 4 Issue: 4 Pages:527-530	1842-6573	4	2010	527-530	0.31287	Universitatea din Bucuresti	Fizica
208	Gruia Ion	CORRELATION OF OPTICAL METHODS AND BIOCHEMICAL MEASUREMENTS FOR INVESTIGATION MEMBRANE CHANGES OF NORMAL AND MALIGN TISSUES	articol	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS Volume: 72 Issue: 1 Pages: 67-74	1223-7027	72	2010	67-74	0	Universitatea din Bucuresti	Fizica

209	Gruia Ion	Diamond film nano-abrasives obtained by anodic arc	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS Volume : 3 Issue: 11 Pages:1207-1209	1842-6573	3	2009	1207-1209	0.31287	Universitatea din Bucuresti	Fizica
210	Gruia Ion	Arc plasma tailoring for the synthesis of compact Tungsten films	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS Volume : 3 Issue: 11 Pages:1231-1234	1842-6573	3	2009	1231-1234	0.31287	Universitatea din Bucuresti	Fizica
211	Gruia Ion	Retarding field ion energy analysis of an anodic arc carbon plasma	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS Volume : 3 Issue: 12 Pages:1269-1272 Published: DEC 2009	1842-6573	3	2009	1269-1272	0.31287	Universitatea din Bucuresti	Fizica
212	Gruia Ion	Determining the radial distribution of the emission coefficient from a plasma source	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS Volume : 3 Issue: 8 Pages:835-838 Published: AUG 2009	1842-6573	3	2009	835-838	0.31287	Universitatea din Bucuresti	Fizica
213	Gruia Ion	Numerical method solved in the Scilab program, for the analysis of a nonlinear mirror	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS Volume : 3 Issue: 3 Pages:241-244	1842-6573	3	2009	241-244	0.31287	Universitatea din Bucuresti	Fizica
214	Gruia Ion	Radioactive Waste Water Depollution by Adsorbtion. beta-ray Attenuation Study Through Materials on the Basis of Natural Zeolites	articol	REVISTA DE CHIMIE Volume: 60 Issue: 2 Pages: 193-196	0034-7752	60	2009	193-196	0.09274	Universitatea din Bucuresti	Fizica
215	Gruia Ion + 2 UB	The Antioxidant Response Induced by Lonicera caerulea Berry Extracts in Animals Bearing Experimental Solid Tumors. (vol 13, pg 1195, 2008)	articol	MOLECULES Volume: 13 Issue: 5 Pages: 1195-1206	1420-3049	13	2009	1195-1206	0.66247	Universitatea din Bucuresti	Fizica
216	Gruia Ion	Determination of some biochemical effects associated with boron neutron capture therapy in experimental hepatomas	articol	EJC SUPPLEMENTS Volume: 5 Issue: 4 Pages: 82-82	1359-6349	5	2007	82-82	1.17812	Universitatea din Bucuresti	Fizica

217	Mircea Bulinski + Ionita I + 3 UB	Spectral studies of some Ni(II), Pd(II), Cu(II) azo-dye complexes in a polymeric matrix of polyvinil alchool	articol	Rev. Chem. (Bucharest)	0034-7752	57	2006	1098-1104	0.09274	Universitatea din Bucuresti	Fizica
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C1.1. Lucrari indexate ISI Web of Knowledge

Lista lucrarilor publicate in reviste fara factor de impact calculat (Science si Social Science)

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul volumului	Anul publicarii	Paginile	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
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C1.1. Lucrari indexate ISI Web of Knowledge

Lista lucrarilor publicate in reviste din Arts and Humanities

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul Volumului	Anul Publicarii	Paginile	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
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C1.1. Lucrari indexate ISI Web of Knowledge

Lista lucrarilor publicate in volume ale conferintelor indexate (ISI Proceedings)

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele Conferintei indexate	Numele volumului	Anul publicarii	Paginile	Afilierea institutionala a autorului/ autorilor	Locul in care a fost organizata Conferinta (i.e. oras, tara, perioada)	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	M. Boca, V. Florescu	Non-linear Compton effect with a laser pulse	ISI-proceedings	XXVI International Conference on Photonic, Electronic and Atomic Collisions	Journal of Physics: Conference Series	2009	32003(1p)	Universitatea din Bucuresti	SUA	Fizica
2	Gheorghe Nenciu	Uniqueness results for transient dynamics of quantum systems	Isi-proceedings		Book Series: CONTEMPORARY MATHEMATICS SERIES Volume: 447,	2007	165-174	Universitatea din Bucuresti		Fizica
3	Doru Stefanescu(1 din 1)	Inequalities on upper bounds for real polynomial roots	Isi-proceedings	COMPUTER ALGEBRA IN SCIENTIFIC COMPUTING	COMPUTER ALGEBRA IN SCIENTIFIC COMPUTING, PROCEEDINGS, LNCS 4194, Springer (2006)	2006	284-294	Universitatea din Bucuresti		Fizica
4	Baran V.	THE ROLE OF INSTABILITIES IN NUCLEAR FRAGMENTATION	ISI Proceedings	International Summer School in Nuclear Physics	COLLECTIVE MOTION AND PHASE TRANSITIONS IN NUCLEAR SYSTEMS	2007	373-390	Universitatea din Bucuresti	Predeal, ROMANIA, AUG 28-SEP 09, 2006	Fizica
5	V. Baran	Dynamical dipole mode in fusion reactions	ISI Proceedings	6th Japan-Italy Symposium on Heavy-Ion Physics	AIP Conference Proceedings, 1120, 2009	2009	9-14	Universitatea din Bucuresti	Tokai, JAPAN, NOV 11-15, 2008	Fizica
6	V.Baran	Prompt dipole gamma ray emission: a new cooling mechanism in fusion heavy-ion reactions	ISI Proceedings	VI Latin American Symposium on Nuclear Physics and Applications	AIP Conference Proceedings, 884, 2007	2007	201-206	Universitatea din Bucuresti	Iguazu, ARGENTINA, OCT 03-07, 2005	Fizica
7	V. Baran	Dipole gamma ray emission in fusion heavy-ion reactions: beam energy dependence	ISI Proceedings	International Conference on Frontiers in Nuclear Structure, Astrophysics and Reactions	AIP Conference Proceedings, 831, 2006	2006	505-507	Universitatea din Bucuresti	Kos, GREECE, SEP 12-17, 2005	Fizica
8	Doru Stefanescu	Bounds for real roots and applications to orthogonal polynomials	ISI Proceedings	10th International Workshop on Computer Algebra in Scientific Computing,	10th International Workshop on Computer Algebra in Scientific Computing, 377-391, LNCS 4770 (2007)	2007	377-391	Universitatea din Bucuresti		Fizica
9	Claudia Timofte	On the Homogenization of a Damped Wave Equation	ISI Proceedings	AIP Conference Proceedings	AIP Conference Proceedings, 1301, 2010	2010	1301	Universitatea din Bucuresti		Fizica
10	Claudia Timofte	Homogenization Results for a Coupled System of Diffusion Equations in a Porous Medium	ISI Proceedings	AIP Conference Proceedings	AIP Conference Proceedings, Volume 1281, pp. 635-638 (2010)	2010	635-638	Universitatea din Bucuresti		Fizica
11	Claudia Timofte	Asymptotic Analysis in Dynamical Heat Transfer Problems in Heterogeneous Periodic Media	ISI Proceedings	AIP Conference Proceedings	AIP Conference Proceedings, 1186, pag. 248-258, 2009, ISBN 978-0-7354-0752-7	2009	248-258	Universitatea din Bucuresti		Fizica

12	Claudia Timofte	Upscaling in Reaction-Diffusion Problems	ISI Proceedings	AIP Conference Proceedings	AIP Conference Proceedings, 936, pp. 547-550, Melville, New York, 2007, ISBN 978-0-7354-0447-2	2007	547-550	Universitatea din Bucuresti	Melville, New York,	Fizica
13	Claudia Timofte	Upscaling in Nonlinear Thermal Diffusion Problems in Composite Materials	ISI Proceedings	ECMI 2006	Progress in Industrial Mathematics at ECMI 2006, Springer Series, Vol. 12, pp. 328-322, 2007, ISBN: 978-3-540-71991-5	2007	328-322	Universitatea din Bucuresti		Fizica
14	Claudia Timofte	Homogenization in Nonlinear Chemical Reactive Flows	ISI Proceedings	Conferinta Internationala MATH'06,	Proceedings Conferinta Internationala MATH'06, Istanbul, Turcia, 250-255, 27-29 mai 2006, ISSN: 1790-5117, ISSN: 1790-5117, ISBN: 960-8457-45-9	2006	250-255	Universitatea din Bucuresti	Istanbul, Turcia, 27-29 mai 2006	Fizica
15	Claudia Timofte	On the homogenization of a nonlinear problem arising in elasticity	ISI Proceedings	Conferinta Internationala NOLASC'06	Conferinta Internationala NOLASC'06, Bucuresti, 16-18 octombrie 2006, 15-20, ISSN: 1790-5117, ISBN: 960-8457-54-8	2006	15-20	Universitatea din Bucuresti	Bucuresti, 16-18 octombrie 2006	Fizica
16	Toma Ovidiu, Gruia Ion	Statistical and fractal approaches in laser polarimetry diagnostics of the cancer prostate tissues	ISI Proceedings	Statistical and fractal approaches in laser polarimetry diagnostics of the cancer prostate tissues	PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) Volume: 7008 Pages: C82-C82	2008	pg.C	Universitatea din Bucuresti		Fizica
17	Toma Ovidiu, Ionita Iulian	Biotissue structure investigation using ultra-short pulsed laser polarimetry	ISI Proceedings	Biotissue structure investigation using ultra-short pulsed laser polarimetry	Proceed. of SPIE	2010	771530-1 : 771530-7	Universitatea din Bucuresti		Fizica
18	Covlea Vanea + UB?	Ring Recognition and Electron Identification in the RICH detector of the CBM Experiment at FAIR"- S. Lebedev, C. Hohne, G. Ososkov for the CBM Collaboration	ISI Proceedings		J. Phys.: Conf. Ser. 219	2010		Universitatea din Bucuresti		Fizica
19	Bulinski Mircea	M:N phase synchronization of LFF in an chaotic ECLS system	ISI Proceedings	Noise and Fluctuations in Photonics, Quantum Optics, and Communications	Proceed. of SPIE, Volume 6603	2007	660329	Universitatea din Bucuresti		Fizica
20	Ionita Iulian	Teeth material ablation by femtosecond laser	ISI Proceedings	Photonic Solutions for Better Health Care II	Proc. SPIE vol. 7715-61, Biophotonics: Photonic Solutions for Better Health Care II	2010	77151S	Universitatea din Bucuresti		Fizica

21	Ionita Iulian	Imaging of dental implant osseointegration using optical coherent tomography	ISI Proceedings	Optical Coherence Tomography and Coherence Domain Optical Methods in Biomedicine XIII	Proc. SPIE 7168	2009	71682F	Universitatea din Bucuresti		Fizica
22	Ionita Iulian	Optical parameters evaluation using optical coherent tomography images	ISI Proceedings	Therapeutic Laser Applications and Laser-Tissue Interactions IV	Proceedings of SPIE-OSA vol 7373	2009	73731Q	Universitatea din Bucuresti		Fizica
23	Ionita Iulian	Occlusal caries detection using polarized Raman spectroscopy	ISI Proceedings	Lasers in Dentistry XIV	Proceedings of SPIE Volume: 6843	2008	68430L	Universitatea din Bucuresti		Fizica
24	Ionita Iulian	Femtonics and Medical Applications	ISI Proceedings	AIP Conference	AIP Conference Proceedings, Vol. 1131	2009	149-153	Universitatea din Bucuresti		Fizica
25	Gruia Ion	Estimation of the influence of the shape and size of nonspherical particles in polarized light	ISI Proceedings	Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies III	PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) Volume: 6635 Pages: U353-U355	2007	U353-U355	Universitatea din Bucuresti		Fizica
26	Gruia Ion	Experimental diagnostics of white-light vortices	ISI Proceedings	Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies III	PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) Volume: 6635 Pages: U3-U14	2007	U3-U14	Universitatea din Bucuresti		Fizica
27	Gruia Ion	Statistical analysis of biotissues Mueller matrix images in cancer diagnostic	ISI Proceedings	Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies V	Proceedings of SPIE-The International Society for Optical Engineering Volume: 7821	2010	78210V	Universitatea din Bucuresti		Fizica
28	Gruia Ion	Spectropolarimetry features of biotissue's malignant changes	ISI Proceedings	Laser Applications in Life Sciences	Proceedings of SPIE-The International Society for Optical Engineering Volume: 7376	2010	73760I	Universitatea din Bucuresti		Fizica
29	V.Baran	Isospin Effects In Projectile-like Dynamical Fission For Sn-112,Sn-124+Ni-58,Ni-64 Reactions At 35 AMeV	ISI Proceedings	4th International Workshop on Nuclear Fission and Fission-Product Spectroscopy	AIP Conference Proceedings, 1175, 2009	2009	389-392	Universitatea din Bucuresti	Cadarache, FRANCE, MAY 13-16, 2009	Fizica

C1.2. Articole indexate BDI

Lista articolelor publicate in reviste din strainatate indexate BDI sau in reviste categoria B+ (CNCSIS)

Nr.	Numele autorului/ autorilor	Titlul lucrării	Numele revistei	Numarul volumului	Anul publicării	Paginile	Afilierea institutionala a autorului/ autorilor	Numele bazei de date	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	A. COSTESCU, C. STOICA (2 din 3 autori)	Analytical treatment of high transcendental functions involved in perturbation theory for inner shell electrons interaction with gamma-ray	The 13th WSEAS Conference on Applied Mathematics		2008	374	Universitatea din Bucuresti		Fizica
2	Raduta AA	DOUBLE BETA DECAY TO THE FIRST 2+ STATE	Intern. Conference Changing facets of Nuclear Structure Ed. Aldo Covello, ISBN-13 978-981-277-902-1, World Scientific, p. 209	Ed. Aldo Covello, ISBN-13 978-981-277-902-1, World Scientific	2008	209	Universitatea din Bucuresti		Fizica
3	A. COSTESCU, C. STOICA (2 din 3 autori)	Analytical Properties and Numerical Calculations of High Transcendental Functions Involved in the Relativistic Amplitudes of two Photon Atomic Processes	WSEAS Transactions on Mathematics	8	2008	21	Universitatea din Bucuresti		Fizica
4	Claudia Timofte(1 din 1)	Homogenization results for dynamical heat transfer problems in heterogeneous biological tissues	Bulletin of the Transilvania University of Brasov, 2 (51), 143-148, 2009	2	2009	143-148	Universitatea din Bucuresti		Fizica
5	Claudia Timofte(1 din 1)	Homogenization results for climatization problems", Annali dell'Universita di Ferrara Sez. VII (N.S.)	Annali dell'Universita di Ferrara Sez. VII (N.S.), Vol.53, {\bf 2}, 437-448, 2007, DOI: 10.1007/s11565-007-0018-9 .	53	2007	437-448	Universitatea din Bucuresti		Fizica
6	Claudia Timofte(1 din 1)	Upscaling in Nonlinear Thermal Diffusion Problems	PAMM, 4080031–4080032, Wiley-VCH, 2007		2007	4080031–4080032	Universitatea din Bucuresti		Fizica
7	Claudia Timofte(1 din 1)	Homogenization Results for Enzymatic Dispersion Processes	PAMM, Volume 6, Issue 1, 515-516, Wiley-VCH, 2006, publicata online: 19 ianuarie 2007, DOI: 10.1002/pamm.200610238	6	2007	515-516	Universitatea din Bucuresti		Fizica
8	Claudia Timofte(1 din 1)	Homogenization in Nonlinear Chemical Processes in Porous Media	WSEAS Transactions on Mathematics, Vol. 5 (5), 465-472, 2006	5	2006	465-472	Universitatea din Bucuresti		Fizica
9	Claudia Timofte(1 din 1)	Upscaling in a nonlinear variational inequality arising in elasticity	WSEAS Transactions on Mathematics, Vol. 5 (12), 1290-1296, 2006	5	2006	1290-1296	Universitatea din Bucuresti		Fizica

10	Claudia Timofte(1 din 1)	Upscaling of Chemical Reactive Flows in Porous Media	Analele Universitatii din Bucuresti, Seria Matematica, LV 2, 145-154, 2006	LV2	2006	145-154	Universitatea din Bucuresti	Fizica
11	Claudia Timofte(1 din 1)	On the Homogenization of a Climatization Problem	Studia Universitatis Babes-Bolyai Mathematica, Nr. 2, 117-126, 2007	2	2007	117-126	Universitatea din Bucuresti	Fizica
12	Doru Stefanescu(1 din 1)	Computation of Bounds for Polynomial Roots	Creat. math. Inf., vol. 17, 511-515 (2008).	17	2008	511-515	Universitatea din Bucuresti	Fizica
13	Doru Stefanescu(1 din 1)	Estimations of positive roots of polynomials	Journal of Mathematical Sciences (Springer),vol. 168, Issue 3 (2010), Page 468-477	168	2010	468-477	Universitatea din Bucuresti	Fizica
14	Radu Slobodeanu(1 din 1)	Pseudo-harmonic morphisms with low-dimensional fibers	Rendiconti del Circolo Matematico di Palermo 55 (2006), 5 - 20	55	2006	5-20	Universitatea din Bucuresti	Fizica
15	Voitcu G.	Comparative investigation of the terrestrial and Venusian magnetopause: Kinetic modeling and experimental observations by Cluster and Venus Express	Planetary and Space Science		2010		Universitatea din Bucuresti	Fizica
16	Gruia Ion	Environment Protection- A COMSOL Simulation of Secondary Clarifiers in the Activated Sludge Process	International Review of Chemical Engineering (I.RE.CH.E.), Vol. 2, N.4, p.503-507,; ISSN 2035-1755		2010	503-507	Universitatea din Bucuresti	Fizica
17	Ionita Iulian (1 autor)	Optical Coherence Tomography Techniques in Dental Implant Investigations			2008	paper BMD92	Universitatea din Bucuresti	Fizica
18	Mircea Bulinski (1 din 6 autori)	Interdisciplinarization in the process of socio-economic development, imperative of the III rd millennium	Energetica	57	2009	320-327	Universitatea din Bucuresti	Fizica
19	Mircea Bulinski (1 din 7 autori)	Energy, an actual priority within the target of market reconciliation with public policy aspirations in contemporary debate	Energetica	57	2009	311-320	Universitatea din Bucuresti	Fizica

20	A. Costescu	New Methods For Numerical Evaluation And Integration Of Higher Transcendental Lauricella And Appell Functions Involved In The Radiation Field - Atom Interactions In The X And Gamma Ray Regime	WSEAS Transactions on Mathematics	5	2006	103	Universitatea din Bucuresti	Fizica
21	V. Baran	From nuclear multifragmentation to neck fragmentation: new dynamical effects	IWM2009-Proceedings	101	2009	12-21	Universitatea din Bucuresti	Fizica
22	V. Baran	Isoscaling of fragments from reconstructed quasiprojectiles	IWM2009-Proceedings	101	2009	79-85	Universitatea din Bucuresti	Fizica

C1.3. Articole indexate BDI

Lista articolelor publicate in reviste de specialitate nationale recunoscute CNCSIS (categoria B)

Nr.	Numele autorului/ autorilor	Titlul lucrării	Tipul lucrării (e.g. articol)	Numele revistei	Numarul revistei	Numarul Volum	Anul publicării	Paginile	Afilierea institutională a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	Toma Ovidiu	Nonlinearities in the electrooptic modulation of the polarized light	articol	J. Opt. Adv. Mat. - Symposia		1	2009	685-688	Universitatea din Bucuresti	Fizica
2	Toma Ovidiu	Matrix analysis of a Mueller imaging polarimeter	articol	J. Opt. Adv. Mat. - Symposia		1	2009	738-740	Universitatea din Bucuresti	Fizica
3	Gruia Ion	“Cubic Spline Interpolations for an Inverse Abel Transform Integral Equation – Application to Plasma Spectroscopy”;	articol	Technical University of Civil Engineering Bucharest – Scientific Bulletin, Series: Mathematical Modelling in Civil Engineering, Year L No 4, December 2007		4	2007	Year L No 4	Universitatea din Bucuresti	Fizica
4	Gruia Ion	„Anatomical characterization of experimental malignant melanoma induced from genetically transformed cells lines”;	articol	Romanian Journal of Comparative Oncology, Nr. 13 /p.864-870, 2007, ISSN: 1584-6547		13	2007	864-870	Universitatea din Bucuresti	Fizica
5	Gruia Ion	“Amplification of the Fundamental Radiation in the Presence of the Generated Second Harmonic Radiation”	articol	Technical University of Civil Engineering Bucharest – Scientific Bulletin, Series: Mathematical Modelling in Civil Engineering, Year XLIX No 2, June 2006		2	2006	Year XLIX No 2	Universitatea din Bucuresti	Fizica
6	Gruia Ion	“Numerical Method for the Mirror with an Intensity-Dependent Reflection Coefficient”;	articol	Buletinul Științific al Universității Tehnice de Construcții București, Nr. 2/2006		2	2006	Nr. 2	Universitatea din Bucuresti	Fizica

C1.4. Carti la edituri internationale

Lista cartilor, de unic autor sau coordonate, publicate la edituri internationale

Nr.	Numele autorului/autorilor	Titlul lucrarii	Anul publicarii	Editura	Orasul	Tara	Afilierea institutionala a autorului/autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	A.A. Raduta, V. Baran	COLLECTIVE MOTION AND PHASE TRANSITIONS IN NUCLEAR SYSTEMS	2007	World Scientific Publishing Company			Universitatea din Bucuresti	Fizica
2	Gheorghe Nenciu	Mathematical Results in Quantum Mechanics: Proceedings of the Qmath10 Conference, 10-15 September 2007	2008	World Scientific Publishing Company			Universitatea din Bucuresti	Fizica
3	Claudia Timofte(1 din 1)	Asymptotic Methods for the Study of Nonhomogeneous Media	2007	Shaker Verlag GmbH, Germania, ISBN 978-3-8322-6092-7, 2007		Germania	Universitatea din Bucuresti	Fizica

C1.5. Carti la edituri CNCSIS

Lista cartilor, de unic autor sau coordonate, publicate la edituri CNCSIS

Nr.	Numele autorului/autorilor	Titlul lucrarii	Anul publicarii	Editura	Orasul	Afilierea institutionala a autorului/autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	V. Florescu	Mecanica Cuantica I	2007	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
2	V. Florescu	Mecanica Cuantica II	2008	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
3	Gheorghe Nenciu	Termodinamica si fizica statistica	2005	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
4	Ciobanu G., Ghiu I.	Probleme de termodinamica si fizica statistica	2008	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
5	A.A. Raduta, V. Baran	Collective Motion and Phase Transitions in Nuclear Systems, Proceedings,	2007	Romanian Journal of Physics, nr 7-8	Bucuresti	Universitatea din Bucuresti	Fizica
6	Tudor A. Marian	Serban Titeica Articole Stiintifice	2008	Editura Academiei Romane Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
7	Nicolae Cotfas(1 din 2)	Elemente de Analiza Matematica	2010	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
8	Nicolae Cotfas(1 din 2)	Complemente de Matematica	2009	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
9	Nicolae Cotfas	Elemente de Algebra Linara	2009	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
10	Claudia Timofte	"Differential Calculus" (in engleza)	2009	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
11	Claudia Timofte	"Ordinary Differential Equations" (in engleza)	2006	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
12	Crina-Elena Dascalescu(Boboc)(1 din 4)	Probleme de algebra	2008	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
13	Mircea Bulinski	Econofizica si Complexitate	2007	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
14	Mircea Bulinski	Econophysics and complexity – adding value beyond trening and mentoring	2008	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
15	Mircea Bulinski	Econophysics and complexity – science and education in a world of diversity: applications to the knowledge-based siciety	2007	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
16	Mircea Bulinski	Identity versus Diversity: Essays on the complexity of the living entity	2007	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica

17	Mircea Bulinski	Econophysics and complexity - alternative science bridging education, research and economics	2006	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
18	Covlea Vanea, Andrei Horia	Plasma: Tehnici de diagnosticare	2010	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
19	D. Bejan	Structura și caracterizarea suprafețelor	2007	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica

C1.6. Capitoale de carti la edituri internationale

Lista capitolelor de carte publicate la edituri internationale

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Titlul capitolului	Anul publicarii	Editura	Orasul	Tara	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	Doru Stefanescu	"Computer Algebra Systems in Teaching and Research"	Computation of Bounds for Polynomial Roots	2009	Akad. Podlaska, Siedlice, 176-185 , ISBN 978-83-925315-1-7	Siedlice	Polonia	Universitatea din Bucuresti	Fizica
2	Claudia Timofte	"Multi Scale Problems and Asymptotic Analysis	On the Homogenization of a Semilinear Problem Arising in Chemistry	2006	GAKUTO International Series Mathematical Sciences and Applications, Volume 24, pag. 89-103, Gakkotosho, Tokyo, Japonia, 2006, ISBN 4-7625-0433-5	Tokyo	Japonia	Universitatea din Bucuresti	Fizica
3	Doru StefanescuTitular	"Computer Algebra Systems in Teaching and Research"	Bounds for Zeros of Orthogonal Polynomials	2007	Akad. Podlaska, Siedlice, 308-315, ISBN 978-83-7051-408-2	Siedlice	Polonia	Universitatea din Bucuresti	Fizica

C1.7. Capitole de carti la edituri CNCSIS***Lista capitolelor de carte publicate la edituri nationale recunoscute de CNCSIS***

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Titlul capitolului	Anul publicarii	Editura	Orasul	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	Ionita Iulian	Simpozionul Național de Cercetare Științifică Medicală de Excelență		2007		Sibiu	Universitatea din Bucuresti	Fizica
2	Ionita Iulian	Simpozionul Național de Cercetare Științifică Medicală de Excelență VIASAN-CEEX 2008		2008		Sibiu	Universitatea din Bucuresti	Fizica

C1.1. Lucrari indexate ISI Web of Knowledge

Lista lucrarilor publicate in reviste cu factor de impact calculat si scorul relativ de influenta cumulat

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul Volumului	Anul publicarii	Paginile	Scorul relativ de influenta cumulat	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate	Autori_FFUB	Autori_UNIV
1	O. Sima (1/59)	Tests of hadronic interaction models by data of the KASCADE-Grande air-shower experiment	articol	CZECH J PHYS	0011-4626	56	2006	A241-A259	0.00000	UB/FFB	Fizica	1	1
2	O. Sima (1/76)	Radio detection of cosmic rays with LOPES	articol	INT J MOD PHYS A	0217-751X	21	2006	168-181	0.51534	UB/FFB	Fizica	1	1
3	O. Sima (1/76)	Combined LOPES and KASCADE-Grande data analysis	articol	INT J MOD PHYS A	0217-751X	21	2006	182-186	0.51534	UB/FFB	Fizica	1	1
4	O. Sima (1/77)	Absolute calibration of the LOPES antenna system	articol	INT J MOD PHYS A	0217-751X	21	2006	187-191	0.51534	UB/FFB	Fizica	1	1
5	O. Sima (1/76)	Advanced detection methods of radio signals from cosmic rays for KASCADE-Grande and Auger	articol	INT J MOD PHYS A	0217-751X	21	2006	242-246	0.51534	UB/FFB	Fizica	1	1
6	O. Sima (1/2)	Calculation of coincidence summing corrections for X-ray peaks and for sum peaks with X-ray contributions	articol	APPL RADIAT ISOTOPES	0969-8043	64	2006	1297-1302	1.14739	UB/FFB	Fizica	1	1
7	O. Sima (1/70)	Progress in air shower radio measurements: Detection of distant events	articol	ASTROPART PHYS	0927-6505	26	2006	332-340	1.17384	UB/FFB	Fizica	1	1
8	O. Sima (1/69)	Radio detection of Cosmic Rays with LOPES	articol	BRAZ J PHYS	0103-9733	36	2006	1157-1164	0.44828	UB/FFB	Fizica	1	1
9	O. Sima (1/70)	Radio emission of highly inclined cosmic ray air showers measured with LOPES	articol	ASTRON ASTROPHYS	0004-6361	462	2007	389-395	1.75349	UB/FFB	Fizica	1	1
10	O. Sima (1/70)	Amplified radio emission from cosmic ray air showers in thunderstorms	articol	ASTRON ASTROPHYS	0004-6361	467	2007	385-394	1.75349	UB/FFB	Fizica	1	1
11	O. Sima (1/10)	Comparative performance of INAA and other spectroscopy techniques in the elemental analysis of stainless steel materials	articol	J RADIOANAL NUCL CH	0236-5731	274	2007	199-205	0.48811	UB/FFB	Fizica	1	1
12	O. Sima (1/3)	Experimental and simulated studies for the calibration of a radioactive waste assay system	articol	NUCL INSTRUM METH A	0168-9002	580	2007	391-395	1.07765	UB/FFB	Fizica	1	1
13	O. Sima (1/62)	KASCADE-Grande: An overview and first results	articol	NUCL INSTRUM METH A	0168-9002	588	2008	162-165	1.07765	UB/FFB	Fizica	1	1
14	O. Sima (1/2)	A tool for processing decay scheme data that encompasses coincidence summing calculations	articol	APPL RADIAT ISOTOPES	0969-8043	66	2008	705-710	1.14739	UB/FFB	Fizica	1	1
15	O. Sima (1/28)	An intercomparison of Monte Carlo codes used in gamma-ray spectrometry	articol	APPL RADIAT ISOTOPES	0969-8043	66	2008	764-768	1.14739	UB/FFB	Fizica	1	1
16	O. Sima (1/62)	Time structure of the EAS electron and muon components measured by the KASCADE-Grande experiment	articol	ASTROPART PHYS	0927-6505	29	2008	317-330	1.73841	UB/FFB	Fizica	1	1
17	O. Sima, C. Manaiescu, C. Morariu (3/6)	The muon charge ratio in cosmic ray air showers	articol	J PHYS G NUCL PARTIC	0954-3899	35	2008	085203	1.28067	UB/FFB	Fizica	3	3
18	O. Sima (1/75)	Direction identification in radio images of cosmic-ray air showers detected with LOPES and KASCADE	articol	ASTRON ASTROPHYS	0004-6361	487	2008	781-788	1.75349	UB/FFB	Fizica	1	1

19	O. Sima (1/75)	Frequency spectra of cosmic ray air shower radio emission measured with LOPES	articol	ASTRON ASTROPHYS	0004-6361	488	2008	807-814	1.75349	UB/FFB	Fizica	1	1
20	O. Sima (1/63)	A test of the hadronic interaction model EPOS with air shower data	articol	J PHYS G NUCL PARTIC	0954-3899	36	2009	035201	1.28067	UB/FFB	Fizica	1	1
21	O. Sima (1/56)	Energy spectra of elemental groups of cosmic rays: Update on the KASCADE unfolding analysis	articol	ASTROPART PHYS	0927-6505	31	2009	86-91	1.73841	UB/FFB	Fizica	1	1
22	O. Sima (1/2)	On the Monte Carlo simulation of HPGe gamma-spectrometry systems	articol	APPL RADIAT ISOTOPES	0969-8043	67	2009	701-705	1.14739	UB/FFB	Fizica	1	1
23	O. Sima (1/1)	Comprehensive software for the assessment of ²²² Rn and ²²⁰ Rn decay products based on air sampling measurements	articol	APPL RADIAT ISOTOPES	0969-8043	67	2009	867-871	1.14739	UB/FFB	Fizica	1	1
24	O. Sima (1/75)	Air shower measurements with the LOPES radio antenna array	articol	NUCL INSTRUM METH A	0168-9002	604	2009	S1-S8	1.07765	UB/FFB	Fizica	1	1
25	O. Sima (1/75)	Analysis of inclined showers measured with LOPES	articol	NUCL INSTRUM METH A	0168-9002	604	2009	S9-S12	1.07765	UB/FFB	Fizica	1	1
26	O. Sima (1/76)	Radio emission of energetic cosmic ray air showers: Polarization measurements with LOPES	articol	NUCL INSTRUM METH A	0168-9002	604	2009	S81-S84	1.07765	UB/FFB	Fizica	1	1
27	O. Sima (1/3)	ETNA software used for efficiency transfer from a point source to other geometries	articol	APPL RADIAT ISOTOPES	0969-8043	67	2009	1686-1690	1.14739	UB/FFB	Fizica	1	1
28	O. Sima (1/64)	New method to measure the attenuation of hadrons in extensive air showers	articol	PHYS REV D	1550-7998	80	2009	022002	1.70032	UB/FFB	Fizica	1	1
29	O. Sima (1/3)	Testing the equivalence of several algorithms for calculation of the coincidence summing corrections	articol	APPL RADIAT ISOTOPES	0969-8043	67	2009	1952-1956	1.14739	UB/FFB	Fizica	1	1
30	O. Sima (1/73)	Lateral distribution of the radio signal in extensive air showers measured with LOPES	articol	ASTROPART PHYS	0927-6505	32	2010	294-303	1.73841	UB/FFB	Fizica	1	1
31	O. Sima (1/15)	Testing efficiency transfer codes for equivalence	articol	APPL RADIAT ISOTOPES	0969-8043	68	2010	355-359	1.14739	UB/FFB	Fizica	1	1
32	O. Sima (1/1)	Application of response functions to make efficient Monte Carlo simulations of germanium detectors	articol	APPL RADIAT ISOTOPES	0969-8043	68	2010	1403-1406	1.14739	UB/FFB	Fizica	1	1
33	O. Sima (1/26)	Intercomparison of methods for coincidence summing corrections in gamma-ray spectrometry	articol	APPL RADIAT ISOTOPES	0969-8043	68	2010	1407-1412	1.14739	UB/FFB	Fizica	1	1
34	O. Sima (1/3)	A new model calculation of the peak efficiency for HPGe detectors used in assay of radioactive waste drums	articol	APPL RADIAT ISOTOPES	0969-8043	68	2010	1418-1422	1.14739	UB/FFB	Fizica	1	1
35	O. Sima (1/73)	Measuring the radio emission of cosmic ray air showers with LOPES	articol	NUCL INSTRUM METH A	0168-9002	617	2010	515-516	1.07765	UB/FFB	Fizica	1	1
36	O. Sima (1/63)	The KASCADE-Grande experiment	articol	NUCL INSTRUM METH A	0168-9002	620	2010	202-216	1.07765	UB/FFB	Fizica	1	1
37	O. Sima (1/3)	A method of efficiency calibration for disk sources in gamma-ray spectrometry	articol	ROM REP PHYS	1841-8759	61	2010	203-213	0.00000	UB/FFB	Fizica	1	1
38	O. Sima (1/3)	Transfer of the detector efficiency calibration from a point source to other geometries using ETNA software	articol	ROM REP PHYS	1841-8759	62	2010	57-64	0.00000	UB/FFB	Fizica	1	1
39	O. Sima (1/2)	Simulation of space radiation doses on nano-stalites in Earth orbit	articol	ROM REP PHYS	1841-8759	62	2010	738-743	0.00000	UB/FFB	Fizica	1	1
40	O. Sima (1/2)	Simulation of gamma-ray spectra for complex measurement systems using GEANT 3.21	articol	ROM REP PHYS	1841-8759	62	2010	744-749	0.00000	UB/FFB	Fizica	1	1

41	O. Sima (1/12)	Studies of the high energy muon flux in Unirea salt mine from Slanic Prahova	articol	ROM REP PHYS	1841-8759	62	2010	750-757	0.00000	UB/FFB	Fizica	1	1
42	O. Sima (1/5)	On the efficiency calibration for different systems used for the assay of radioactive waste containers	articol	ROM REP PHYS	1841-8759	62	2010	821-826	0.00000	UB/FFB	Fizica	1	1
43	O. Sima (1/2)	What could we learn from observations of the muon charge ratio in cosmic ray air showers	articol	ROM REP PHYS	1841-8759	59	2007	609-624	0.00000	UB/FFB	Fizica	1	1
44	O. Sima (1/5)	Efficiency calibration studies for gamma spectrometric systems: the influence of different parameters	articol	ROM J PHYS	1221-146X	53	2008	795-800	0.00000	UB/FFB	Fizica	1	1
45	V.Bercu, C.D.Negut, O.G.Duliu(3/3)	EPR investigation of some desiccated Ascomycota and Basidiomycota gamma-irradiated mushrooms	articol	RADIATION PHYSICS AND CHEMISTRY	0969-806X	79	2010	1275-1278	1.03011	UB/FFB	Fizica	3	3
46	F.F.Popescu, V.Bercu, J.N.Barascu(3/10)	Study of the Kramers rare earth ions ground multiplet with a large orbital contribution by multifrequency EPR spectroscopy: Ce3+ in PbWO4 scintillator	articol	JOURNAL OF CHEMICAL PHYSICS	0021-9606	131	2009	249904	1.5731	UB/FFB	Fizica	3	3
47	F.F.Popescu, V.Bercu, J.N.Barascu(3/9)	Study of the ground multiplet of Kramers rare earth ions in solid matrices by multifrequency electron paramagnetic resonance spectroscopy: Nd3+ in PbWO4 single-crystals	articol	JOURNAL OF CHEMICAL PHYSICS	0021-9606	131	2009	034505	1.48321	UB/FFB	Fizica	3	3
48	V.Bercu(1/6)	Anomaly of the rotational nonergodicity parameter of glass formers probed by high field electron paramagnetic resonance	articol	JOURNAL OF CHEMICAL PHYSICS	0021-9606	129	2009	081102	1.48321	UB/FFB	Fizica	1	1
49	Ovidiu Tesileanu (1/3)	JETS FROM YOUNG STARS: RADIATIVE MHD SIMULATIONS	articol	ROMANIAN JOURNAL OF PHYSICS	1221-146X	54	2010	771-775	0	UB/FFB	Fizica	1	1
50	Ovidiu Tesileanu (1/5)	Time-dependent MHD shocks and line intensity ratios in the HH 30 jet: a focus on cooling function and numerical resolution	articol	ASTRONOMY & ASTROPHYSICS	0004-6361	507	2009	581-588	1.75349	UB/FFB	Fizica	1	1
51	M. Garabet,I.Neacsu,F Popescu (3/3)	Approach of teaching about photovoltaic cell in high school	articol	ROMANIAN REPORTS IN PHYSICS	1841-8759	62	2010	918-930	0	UB/FFB	Fizica	3	3
52	F. Popescu (1/1)	Steady-state solutions of the density matrix equations for multiple resonance experiments	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	7	2009	2719 - 2723	0	UB/FFB	Fizica	1	1
53	F.Popescu, Scarlat, Florea (2/7)	The applicability of the Caves theorem to solid-state masers without inversion	articol	ROM REP PHYS	1841-8759	60	2008	361-369	0	UB/FFB; Valahia State Univ Targoviste, Dept Phys, Targoviste, Romania	Fizica	1	2
54	Ionescu AT (1/5)	Mechanisms leading to fast relaxation of liquid crystal cells aligned with conductive polymers	articol	JOURNAL OF APPLIED PHYSICS	0021-8979	108	2010	73519	1.85021	UB/FFB	Fizica	1	2
55	Ionescu AT(1/6)	Statistical analyses of repolarisation current of a PZT film deposited on ITO electrode with different thermal treatments	articol	Philosophical Magazine	1478-6443	90	2010	1575 - 1584	4.04863	UB/FFB	Fizica	1	2
56	G.Vladuca, A.Tudora, D.Filipescu (3/4)	Inner barrier shape symmetries in 237Np neutron data evaluation up to 40 MeV incident energy	articol	NUCLEAR PHYSICS A	0375-9474	767	2006	112-137	1.21166	UB/FFB	Fizica	3	3

57	A.Tudora (1/1)	Experimental prompt fission neutron "sawtooth" data described by the "Point by Point" model	articol	ANNALS OF NUCLEAR ENERGY	0306-4549	33	2006	1030-1038	0.85895	UB/FFB	Fizica	1	1
58	A.Tudora, G.Vladuca, D.Filipescu (3/5)	Prompt fission neutron multiplicity and spectrum calculations for thermal and fast neutron induced reactions on ^{231}Pa , ^{233}Pa nuclei	articol	ANNALS OF NUCLEAR ENERGY	0306-4549	35	1008	1131-1139	0.85895	UB/FFB	Fizica	3	3
59	A.Tudora(1/1)	Multi-parametric prompt neutron and fission fragment experimental data described by the "Point by Point" model	articol	ANNALS OF NUCLEAR ENERGY	0306-4549	35	2008	1-10	0.85895	UB/FFB	Fizica	1	1
60	A.Tudora (1/5)	Modeling of the $n+^{242}\text{Pu}$ reaction for fast reactor applications	articol	NUCLEAR SCIENCE AND ENGINEERING	0029-5639	162	2009	178-191	1.04279	UB/FFB	Fizica	1	1
61	A.Tudora (1/4)	Generalization of the SPRT method for the modelling of the neutron Cross Sections in the unresolved resonance range	articol	NUCLEAR SCIENCE AND ENGINEERING	0029-5639	162	2009	76-86	1.04279	UB/FFB	Fizica	1	1
62	A.Tudora(1/1)	Systematic behaviour of the average parameters required for the Los Alamos model of prompt neutron emission	articol	ANNALS OF NUCLEAR ENERGY	0306-4549	36	2009	72-84	0.85895	UB/FFB	Fizica	1	1
63	A.Tudora(1/1)	Prompt fission neutron data calculation using experimental fission fragment charge distributions in the frame of the Point by Point treatment	articol	ANNALS OF NUCLEAR ENERGY	0306-4549	37	2010	43-51	0.85895	UB/FFB	Fizica	1	1
64	A.Tudora(1/1)	Point by Point" model calculation of prompt neutron emission data for $^{248}\text{Cm}(\text{SF})$ and $^{244}\text{Cm}(\text{SF})$	articol	ANNALS OF NUCLEAR ENERGY	0306-4549	37	2010	492-497	0.85895	UB/FFB	Fizica	1	1
65	A.Tudora (1/2)	Point by Point model calculation of the prompt neutron multiplicity distribution $P(v)$ for spontaneous and neutron induced fission of actinides	articol	ANNALS OF NUCLEAR ENERGY	0306-4549	37	2010	771-777	0.85895	UB/FFB	Fizica	1	1
66	Mihaela SIN (1/5)	Fission of light actinides: $^{232}\text{Th}(n,f)$ and $^{231}\text{Pa}(n,f)$ reactions	articol	PHYSICAL REVIEW C	0556-2813	74	2006	014608	1.37423	UB/FFB	Fizica	1	1
67	Mihaela SIN (1/4)	Modeling and Neutron-Induced Fission Cross Sections for Americium	articol	NUCLEAR SCIENCE AND ENGINEERING	0029-5639	154	2006	280-293	1.04279	UB/FFB	Fizica	1	1
68	Mihaela SIN (1/8)	EMPIRE: Nuclear Reaction Model Code System for Data Evaluation	articol	NUCLEAR DATA SHEETS	0090-3752	108	2007	2655-2715	1.55982	UB/FFB	Fizica	1	1
69	Mihaela SIN (1/8)	Cross-sections of the reaction $\text{Th-}^{232}(p,3n)\text{Pa-}^{230}$ for production of U-230	articol	APPLIED RADIATION AND ISOTOPES	0969-8043	66	2008	1275-1280	1.14739	UB/FFB	Fizica	1	1
70	Mihaela SIN (1/2)	Transmission through multi-humped fission barriers with absorption: A recursive approach	articol	PHYSICAL REVIEW C	0556-2813	77	2008	54601	1.37423	UB/FFB	Fizica	1	1
71	Mihaela SIN (1/10)	Production of $^{230}\text{U}/^{226}\text{Th}$ for Targeted Alpha Therapy via Proton Irradiation of ^{231}Pa	articol	ANALYTICAL CHEMISTRY	0003-2700	80	2008	8763-8770	3.03561	UB/FFB	Fizica	1	1
72	Mihaela SIN (1/4)	Deformation dependent Tamura Udagawa-Lenske multistep direct model	articol	PHYSICAL REVIEW C	0556-2813	78	2008	064611	1.37423	UB/FFB	Fizica	1	1
73	Mihaela SIN (1/5)	Towards a prediction of fission cross sections on the basis of microscopic nuclear inputs	articol	PHYSICAL REVIEW C	0556-2813	79	2009	24612	1.37423	UB/FFB	Fizica	1	1
74	Mihaela SIN (1/8)	Cross sections of the reaction $^{231}\text{Pa}(d,3n)^{230}\text{U}$ for the production of $^{230}\text{U}/^{226}\text{Th}$ for targeted alpha therapy	articol	APPLIED RADIATION AND ISOTOPES	0969-8043	66	2008	1275-1280	1.37423	UB/FFB	Fizica	1	1
75	Mihaela SIN (1/23)	RIPL – Reference Input Parameter Library for Calculation of Nuclear Reactions and Nuclear Data Evaluations	articol	NUCLEAR DATA SHEETS	0090-3752	110	2009	3107-3213	1.55982	UB/FFB	Fizica	1	1

76	E.Borca, M.Bercu (2/5)	XRD and FTIR characterisation of nanocrystalline YVO4:Eu derived by coprecipitation process	articol	ZEITSCHRIFT FUR KRISTALLOGRAPHIE	0044-2968	27	2008	121-126	1.9898	UB/FFB	Fizica	3	3
77	M.Bercu,E.Barna (2/8)	Optical and structural properties of polythiophene-like films deposited by plasma polymerization	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	10	2008	2033-2037	0	UB/FFB	Fizica	2	2
78	M.Bercu	Thickness dependence of crystallization process for hydroxyapatite thin films	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9	2007	2535-2538	0	UB/FFB, UPB	Fizica	1	2
79	M.Bercu (1/4)	Interfacial Titanium Oxide Between Hydroxyapatite and TiAlFe Substrate	articol	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE	0957-4530	18	2007	2347-2354	0.93201	UB/FFB	Fizica	1	1
80	M.Bercu	Synthesis and characterization of a novel functionalized conductive beta-cyclodextrine-doped polyaniline	articol	REVISTA DE CHIMIE	0034-7752	57	2006	978-980		UB/FFB	Fizica	1	3
81	M.Bercu (1/6)	Spectral characterization of yeast cells with an epitaxy-based UV-Vis optical sensor	articol	BIOMEDICAL MICRODEVICES	1387-2176	8	2006	177-185	1.52902	UB/FFB	Fizica	1	1
82	E.Borca, M.Bercu (2/5)	Structural and spectroscopical characterisation of RE3+(RE=Er,Eu,Tb) doped nanocrystalline YAG produced by sol-gel method	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	8	2006	95-98	0	UB/FFB, INFLPR	Fizica	2	4
83	M.Bercu (1/9)	Functionalized polysiloxane thin films deposited by matrix-assisted pulsed laser evaporation for advanced chemical sensor applications	articol	APPLIED SURFACE SCIENCE	0169-4332	252	2006	4871-4876	1.37997	UB/FFB	Fizica	1	1
84	Ionescu AT (1/7)	Anomalous conductivity in PZT thin film deposited on copper substrate electrode	articol	Philosophical Magazine	1478-6443	90	2010	1733 - 1742	4.04863	UB/FFB	Fizica	1	2
85	Ionescu AT; Dascalu, C	Thickness dependence of the anchoring strength in dye-doped nematic liquid crystal cells	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	11	2009	870-874	0	UB/FFB; UPB	Fizica	1	2
86	Badea M., Lazanu I.(2/2)	ROLE OF PHASE AND GROUP VELOCITIES IN CERENKOV RADIATION AND APPLICATIONS IN HEP EXPERIMENTS	Proceedings Paper	ROMANIAN REPORTS IN PHYSICS	1221-1451	62 (2)	2010	298-308	0	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	2	2
87	Lazanu I (1/2)	KINETICS OF DEFECTS IN LOW TEMPERATURE SEMICONDUCTOR DETECTORS AND DIRECT DARK MATTER SEARCH	Proceedings Paper	ROMANIAN REPORTS IN PHYSICS	1221-1451	62 (2)	2010	309-318	0	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
88	Lazanu I(1/2)	Transient processes induced by heavy projectiles in silicon	articol	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	0168-583X	268(13)	2010	2241-2245	1.10935	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
89	Lazanu I(1/2)	Semiconductor detectors for high radiation fields: microscopic processes in materials and the control of device parameters	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	11 (12)	2009	2150-2154	0.33626	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1

90	Lazanu I (1/2)	ENERGY DEPOSITED BY RADIATION IN SOLIDS: REGISTRATION PHYSICS	articol	ROMANIAN REPORTS IN PHYSICS	1221-1451	61(4)	2009	689-699	0	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
91	Lazanu, I; Chera, M; Iordanescu, R (3/4)	FROM NUCLEAR MATTER TO STRANGE QUARK MATTER - SOME CHARACTERISTICS OF THE INTERACTIONS IN ORDINARY MATTER	articol	ROMANIAN REPORTS IN PHYSICS	1221-1451	61(2)	2009	215-221	0.00000	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	3	3
92	Lazanu I(1/2)	Correlation between ionization and displacement damage in silicon detectors for energies of interest in astroparticle and particle physics applications	articol	ROMANIAN REPORTS IN PHYSICS	1221-1451	60(2)	2008	381-387	0.00000	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
93	Lazanu I(1/2)	Point and extended defects in irradiated silicon and consequences for detectors	Proceedings Paper	physica status solidi (c)	1610-1642	6(8)	2009	1974-1978.	0.00000	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
94	Lazanu I(1/2)	Analytical approximations of the NIEL in semiconductor detectors for HEP	articol	ROMANIAN REPORTS IN PHYSICS	1221-1451	60(1)	2008	71-78	0.00000	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
95	Lazanu I(1/2)	Modelling spatial distribution of defects and estimation of electrical degradation of silicon detectors in radiation fields at high luminosity	Proceedings Paper	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	0168-9002	583(1)	2007	165-168	1.07765	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
96	Lazanu I(1/2)	Correlation between radiation processes in silicon and long-time degradation of detectors for high-energy physics experiments	Proceedings Paper	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	0168-9002	580(1)	2007	41-49	1.07765	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
97	Lazanu I(1/2)	New aspects of the contribution of primary defects of silicon to long-time degradation of detectors operating in high fields of radiation	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9(6)	2007	1839-1842	0.33626	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
98	Lazanu I(1/2)	Primary defects in silicon: existence, characteristics, and their role after high fluence irradiation	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	9(4)	2007	1839-1842	0.75172	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1

99	Lazanu I(1/2)	The role of primary point defects in the degradation of silicon detectors due to hadron and lepton irradiation	articol	Phys. Scripta	0031-8949	74 (2)	2006	201-207	1.07765	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
100	Mihul A.(1/238)	RELATIVE COMPOSITION AND ENERGY SPECTRA OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01	Article	ASTROPHYSICAL JOURNAL	0004-637X	724(1)	2010	329-340	2.33394	Univ Bucharest, R-76900 Bucharest, Romania	Fizica	1	2
101	Mihul A. (1/44)	The Alpha Magnetic Spectrometer Silicon Tracker: Performance results with protons and helium nuclei	Article	Nuclear Instruments and Methods in Physics Research A	0168-9002	593	2008	376–398	1.07756	Univ Bucharest, R-76900 Bucharest, Romania	Fizica	2	2
102	Mihul A.(1/345)	Study of the solar anisotropy of cosmic ray primaries of about 200 GeV energy with the L3+C muon detector	Article	ASTRONOMY & ASTROPHYSICS	0004-6361	488 (3)	2008	1093-1100	1.75349	Univ Bucharest, R-76900 Bucharest, Romania	Fizica	1	1
103	Mihul A., Ion M., Angelescu T.(3/4)	Search for a lepton flavor violation signal in e(+)e(-) collisions at root s=192-208 GeV at LEP	Article	ROMANIAN REPORTS IN PHYSICS	1221-1451	60(2)	2008	281-286	0.00000	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	3	3
104	Mihul A.(2/324)	Study of resonance formation in the mass region 1400-1500 MeV through the reaction gamma gamma -> K-S(0) K-+/-pi(-/+)	Article	JOURNAL OF HIGH ENERGY PHYSICS	1126-6708	3 (018)	2007	18	1.82222	Univ Bucharest, R-769000 Bucharest, Romania	Fizica	2	2
105	Mihul A.(1/224)	Cosmic-ray positron fraction measurement from 1 to 30 GeV with AMS-01	Article	PHYSICS LETTERS B	0370-2693	646(4)	2007	145-154	3.46667	Univ Bucharest, R-76900 Bucharest, Romania	Fizica	1	2
106	Mihul A(1/324)	Study of inclusive strange-baryon production and search for pentaquarks in two-photon collisions at LEP	Article	EUROPEAN PHYSICAL JOURNAL C	1434-6044	49(2)	2007	395-410	1.31683	Univ Bucharest, Bucharest 76900, Romania	Fizica	1	2
107	Mihul A (1/300)	The solar flare of the 14th of July 2000 (L3+C detector results)	Article	ASTRONOMY & ASTROPHYSICS	0004-6361	456	2006	351–357	1.75349	Univ Bucharest, Bucharest 76900, Romania	Fizica	1	1
108	Mihul A(1/1000)	Search for neutral MSSM Higgs bosons at LEP	Review	EUROPEAN PHYSICAL JOURNAL C	1434-6044	47(3)	2006	547-587	1.31683	Univ Bucharest, Bucharest 76900, Romania	Fizica	1	1
109	Mihul A(1/345)	A search for flaring very-high-energy cosmic gamma-ray sources with the L3+C muon spectrometer	Article	ASTROPARTICLE PHYSICS	0927-6505	25 (5)	2006	298-310	1.73841	Univ Bucharest, R-76900 Bucharest, Romania	Fizica	1	1
110	Mihul A(21000)	Precision electroweak measurements on the Z resonance	Review	PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS	0370-1573	427 (5-6)	2006	257-454	20.09195	Univ Bucharest, R-76900 Bucharest, Romania	Fizica	1	1

111	Mihul A(1/224)	Measurement of the mass and the width of the W boson at LEP	Article	EUROPEAN PHYSICAL JOURNAL C	1434-6044	45 (3)	2006	569-587	1.31683	Univ Bucharest, Bucharest 76900, Romania	Fizica	1	1
112	Mihul A(1/224)	Measurement of hadron and lepton-pair production in e(+)e(-) collisions at root s=192-208 GeV at LEP	Article	EUROPEAN PHYSICAL JOURNAL C	1434-6044	47 (1)	2006	1-19	1.31683	Univ Bucharest, Bucharest 76900, Romania	Fizica	1	1
113	Mihul A(1/224)	Analysis of the pi(+) pi(-) pi(+)pi(-) and pi(+)pi(0) pi(-) pi(0) final states in quasi-real two-photon collisions at LEP	Article	PHYSICS LETTERS B	0370-2693	628 (2-3)	2006	128-139	3.46667	Univ Bucharest, R-76900 Bucharest, Romania	Fizica	1	1
114	Angelescu T, Ion M, Ion, M. L. D (3/4)	NEW EXPERIMENTAL EVIDENCES FOR OPTIMAL RESONANCES IN PION-NUCLEUS SCATTERING	Article	ROMANIAN JOURNAL OF PHYSICS	1221-146X	55 (3-4)	2010	296-308	0.00000	Univ Bucharest, Dept Nucl Phys, Bucharest, Romania	Fizica	3	3
115	Angelescu T, Ion M, Ion, M. N. L. (3/5)	EVIDENCE FOR OPTIMAL RESONANCES FROM PION-NUCLEUS SCATTERING IN Delta(3,3) RESONANCE REGION	Article	ROMANIAN JOURNAL OF PHYSICS	1221-146X	54 (7-8)	2009	601-611	0.00000	Univ Bucharest, Dept Nucl Phys, Bucharest, Romania	Fizica	3	3
116	Angelecu T (1/66)	Applications of quark-hadron duality in the F-2 structure function	Article	PHYSICAL REVIEW C	0556-2813	80 (3)	2009	35207	1.37423	Univ Bucharest, Bucharest, Romania	Fizica	1	1
117	Angelecu T (1/72)	Electroproduction of eta mesons in the S-11(1535) resonance region at high momentum transfer	Article	PHYSICAL REVIEW C	0556-2813	80 (1)	2009	15205	1.37423	Univ Bucharest, Bucharest, Romania	Fizica	2	2
118	Angelecu T (1/4)	Dose calculation for accident situations at TRIGA research reactor using LEU fuel type	Article	ROMANIAN REPORTS IN PHYSICS	1221-1451	60 (1)	2008	57-61	0.00000	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
119	Angelescu T (1/77)	Onset of quark-hadron duality in pion electroproduction	Article	PHYSICAL REVIEW LETTERS	0031-9007	98 (20)	2007	22001	7.57000	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	2	2
120	Angelescu T (1/68)	Hypernuclear spectroscopy using the (e,e'K+) reaction	Article	PHYSICAL REVIEW C	0556-2813	73 (4)	2006	44607	1.37423	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
121	Angelecu T (1/4)	Radiation doses assessment in some operational scenarios for radioactive waste disposal in a near surface repository, by using Monte Carlo methodology	Article	ROMANIAN REPORTS IN PHYSICS	1221-1451	60 (1)	2008	79-89	0.00000	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica	1	1
122	O.G. Dului (1/2)	Numerical taxonomy: Mn2+ EPR line shape as a criterion in provenance studies	Article	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	1454-4164	8 (4)	2007	1557-1561	0	Univ Bucharest, Dept Atom & Nucl Phys, RO-077125 Bucharest, Romania	Fizica	1	1

123	O.G. Dului, A.I. Shaban (2/3)	EPR investigation of some irradiated traditional oriental spices	Article	RADIATION PHYSICS AND CHEMISTRY	0969-806X	76 (6)	2007	1031-1036	1.03011	Univ Bucharest, Dept Atom & Nucl Phys, RO-077125 Bucharest, Romania	Fizica	2	2
124	O.G. Dului, D.E. Seletschi (2/3)	ESR studies of gamma-irradiated <i>Rapana venosa</i> (Gastropoda, Muricidae) shell	Article	RADIATION PHYSICS AND CHEMISTRY	0969-806X	76(10)	2007	1650-1652	1.03011	Univ Bucharest, Dept Atom & Nucl Phys, RO-077125 Bucharest, Romania	Fizica	2	2
125	O.G. Dului (1/3)	A dedicated torsion balance to detect neutrinos by coherent scattering on high Debye temperature monocrystals	Article	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	0217-751X	23(11)	2008	1719-1728	0.51534	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania	Fizica	1	1
126	O.G. Dului, Bucur Marcela, Meltzer Viorica Pincu, Elena	Electron beam irradiation of <i>Matricaria chamomilla</i> L. for microbial decontamination,	Proceedings Paper	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	0168-583X	266(10)	2008	2520-2523	1.10935	4. Univ Bucharest, Dept Microbiol, Fac Biol, Bucharest 6, Romania 5. Univ Bucharest, Dept Atom & Nucl Phys, Bucharest 077125, Romania 6. Univ Bucharest, Fac Chem, Dept Phys Chem, Bucharest 030018, Romania	Fizica	1	4
127	O.G. Dului, (1/7)	The Slanic-Prahova (ROMANIA) underground low-background radiation laboratory	Article	APPLIED RADIATION AND ISOTOPES	0969-8043	66(10)	2008	1501-1506	1.14739	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania	Fizica	1	1

128	O.G. Dului, Mateiasi, G.(1/7)	Dual energy X-ray computer axial tomography and digital radiography investigation of cores and other objects of geological interest	Article	ENGINEERING GEOLOGY	0013-7952	103(3-4)	2009	119-126	1.29763	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania ; Politehn Univ, RO-060032 Bucharest, Romania	Fizica	1	2
129	O.G. Dului (1/6)	An ENAA and PGAA comparative study of anoxic Black Sea sediments	Article	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	0236-5731	279(1)	2009	7- 12	0.48811	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania	Fizica	1	1
130	O.G. Dului (1/6)	Epithermal neutron activation analysis investigation of Clarion-Clipperton Abyssal plane clay and polymetallic micronodules	Proceedings Paper	APPLIED RADIATION AND ISOTOPES	0969-8043	67(5)	2009	939-943	1.14739	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania	Fizica	1	1
131	O.G. Dului (1/4)	Major and trace elements distribution in abyssal clay, micronodules and manganese nodules from Clarion-Clipperton region (North East Pacific)	Article	GEO-MARINE LETTERS	0276-0460	29(2)	2009	71-83	1.11276	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Romania	Fizica	1	1
132	O.G. Dului, C.I. Cristache, M. Toma (3/3)	ENAA Studies of pollution in anoxic Black Sea sediments	Article	MARINE POLLUTION BULLETIN	0025-326X	58(6)	2009	827-831	1.61229	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania	Fizica	1	1
133	O.G. Dului (1/4)	Preliminary safety concept for disposal of the very low level radioactive waste in Romania	Proceedings Paper	APPLIED RADIATION AND ISOTOPES	0969-8043	67(5)	2009	935-938	1.14739	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania	Fizica	1	1

134	O.G. Dului (1/6)	External dose rate in Unirea salt mine, Slanic-Prahova, Romania	Proceedings Paper	APPLIED RADIATION AND ISOTOPES	0969-8043	67(5)	2009	759-761	1.14739	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077152, Ilfov Romania	Fizica	1	1
135	O.G. Dului (1/6)	Epithermal neutron activation, radiometric, correlation and principal component analysis applied to the distribution of major and trace elements in some igneous and metamorphic rocks from Romania	Proceedings Paper	APPLIED RADIATION AND ISOTOPES	0969-8043	67(5)	2009	901-906	1.14739	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania	Fizica	1	1
136	O.G. Dului (1/5)	Applying direct liquid scintillation counting to low level tritium measurement	Proceedings Paper	APPLIED RADIATION AND ISOTOPES	0969-8043	67(5)	2009	812-816	1.14739	Univ Bucharest, Fac Phys, Bucharest 077125, Romania	Fizica	1	1
137	O.G. Dului (1/7)	Epithermal Neutrons Activation Analysis, Radiochemical and Radiometric Investigations of Evaporitic Deposits of Slanic-Prahova (Romania Salt Mine)	Article	RADIOCHIMICA ACTA	0033-8230	97(6)	2009	333-337	1.23296	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania	Fizica	1	1
138	O.G. Dului, P. Baias, Cosma, Constantin (3/5)	Lung dosimetry for inhaled radon progeny in smokers	Article	RADIATION PROTECTION DOSIMETRY	0144-8420	138(2)	2009	111-118	0.86212	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania; Univ Babes Bolyai, Fac Environm Sci, Cluj Napoca 400192, Romania	Fizica	2	3
139	O.G. Dului (1/5)	Combined X-ray dual-energy radioscapy and Tomography analysis for explosives detection	Article	MATERIALS EVALUATION	0025-5327	67	2009	1344-1349	0.19701	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Ilfov Romania	Fizica	1	1

140	O.G. Dului (1/7)	Determination of elemental content in geological samples	Article	ROMANIAN JOURNAL OF PHYSICS	1221-146X	53(7-8)	2009	941-945	0	Univ Bucharest, Dept Atom & Nucl Phys, Magurele 077125, Romania	Fizica	1	1
141	O.G. Dului (1/3)	EPR and X-ray diffraction investigation of some Greek marbles and limestones	Article	ROMANIAN JOURNAL OF PHYSICS	1221-146X	61(3)	2009	487-499	0	Univ Bucharest, Dept Atom & Nucl Phys, RO-077125 Magurele, Ilfov Romania	Fizica	1	1
142	O.G. Dului, M. Cruceru, Barborica, A., Cristea, P., Niculae, C. M., (Bobulescu, R. C. (6/9)	A coordinate sensitive detector for particles generated in high energy reactions	Article	ROMANIAN JOURNAL OF PHYSICS	1221-146X	61(3)	2009	513-521	0	Univ Bucharest, Fac Phys, RO-077125 Magurele, Ilfov Romania	Fizica	5	5
143	O.G. Dului, P. Baias (2/4)	Chronic smoker lung dosimetry of radon progeny	Article	ROMANIAN JOURNAL OF PHYSICS	1221-146X	61(4)	2009	669-675	0	Univ Bucharest, Dept Atom & Nucl Phys, RO-077125 Magurele, Ilfov Romania	Fizica	2	2
144	O.G. Dului, G. JINESCU (2/5)	Complementary safety indicators of Saligny radioactive waste repository	Article	ROMANIAN JOURNAL OF PHYSICS	1221-146X	62(4)	2010	811-820	0	University of Bucharest, Department of Atomic and Nuclear Physics, P.O. Box MG-11, 077125 ; "Politehnica" University, Splaiul Independentei 313, 060042 Bucharest, Romania	Fizica	1	2
145	O.G. Dului, (1/2)	Atmospheric tritium dynamics around Cernavoda nuclear power plant	Article	ROMANIAN JOURNAL OF PHYSICS	1221-146X	62(4)	2010	827-837	0	University of Bucharest, Department of Atomic and Nuclear Physics, P.O. Box MG-11, 077125	Fizica	1	1

146	O.G. Dului , Jinescu, Gheorghita(2/5)	The Influence of the Sludge Content on Transport Parameters of the Cemented based Radioactive Waste Form	Article	REVISTA DE CHIMIE	0034-7752	61(2)	2010	187-191	0.09274	Magurele (Ilfov), Romania; Univ Politehn Bucuresti, Bucharest 060042, Romania	Fizica	1	2
147	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Recent results from the BRAHMS Experiment	Proceedings paper	NUCLEAR PHYSICS A		774	2006	77-92	1.21166	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
148	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Rapidity dependent particle production in Au-Au collisions at $\sqrt{s_{NN}} = 62,4$ GeV	Articol	ACTA PHYSICA SLOVACA	2	56	2006	21-26	1	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
149	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Nuclear modification factor for identified hadrons at forward rapidity in Au-Au reactions at 200 GeV	Proceedings paper	NUCLEAR PHYSICS A		774	2006	477-480	1.21166	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
150	C.Besliu, Al. Jipa, O.Ristea + 56 colab	System and rapidity dependence of baryon to meson ratios at RHIC	Proceedings paper	NUCLEAR PHYSICS A		774	2006	493-496	1.21166	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
151	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Rapidity dependence of pion elliptic flow	Proceedings paper	NUCLEAR PHYSICS A		774	2006	519-522	1.21166	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
152	C.Besliu, Al. Jipa, O.Ristea + 56 colab	High p_T suppression versus system size and energy	Proceedings paper	NUCLEAR PHYSICS A		774	2006	541-544	1.21166	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
153	V. Covlea, A. Jipa, C. Besliu, M. Calin, T. Esanu, V. Pavel, B. Iliescu, A. Scurtu + 6 colab	Some possible analogies in the description of the "classical" plasma and quark-gluon plasma	Proceedings paper	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	8	10	2008	1958-1963	0.33626	Univ Bucharest, Bucharest 76900, Romania	Fizica	7	7
154	C. Beliu, C. Bordeianu, M. Calin, T. Esanu, I.V. Grossu, A. Jipa + 4 colab	Some experimental results from MARUSYA experiment	Articol	ROMANIAN REPORTS IN PHYSICS	1	60	2008	63-70	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	5	5
155	C. Besliu, Al. Jipa, V. Covlea, M. Călin, T. Esanu, I.V. Grossu, B. Iliescu, C. Bordeianu, A. Scurtu, A. Jinaru	Some predictions on " microscopic Hubble constant" for energies available at FAIR-GSI	Articol	NUCLEAR PHYSICS A		820	2009	235C-238C	1.21166	Univ Bucharest, Bucharest 76900, Romania	Fizica	10	10

156	C. Besliu, A. Jipa + 40 colab	Nuclear stopping and rapidity loss in Au+Au collisions at $\sqrt{s}=62.4$ GeV	Articol	PHYSICS LETTERS B	5	677	2009	267-271	3.46667	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
157	M.I. Cherciu, A. Jipa	Nuclear sources emitting alpha structures in nuclear collisions at intermediate energies	Articol	ROMANIAN REPORTS IN PHYSICS	4	61	2009	656-661	0.333	Univ Bucharest, Bucharest 76900, Romania	Fizica	2	2
158	M.I. Cherciu, A. Jipa	Light cluster competition in self-conjugate 4n-nuclei interactions at intermediate energy	Proceedings paper	ROMANIAN REPORTS IN PHYSICS	4	62	2010	731-737	0.458	Univ Bucharest, Bucharest 76900, Romania	Fizica	2	2
159		The BRAHMS Collaboration	reviste cu factor de impact calculat						1.706	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
160	I.V. Grossu, C. Besliu, A. Jipa, E. Stan, T. Esanu + 2 colab.	Code C# for chaos analysis of relativistic many-body systems	Articol	COMPUTER PHYSICS COMMUNICATIONS	8	181	2010	1462-1468	1.958	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
161	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Kaon and pion production in central Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. BRAHMS Collaboration	Articol	PHYSICS LETTERS B	1	687	2010	36-41	3.46667	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
162	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Rapidity dependence of proton-to-pion ratio in Au+Au and p+p at $\sqrt{s}=62.4$ and 200 GeV	Articol	PHYSICS LETTERS B	1	687	2010	22-27	3.46667	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
163	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Production of mesons and baryons at high rapidity and high P(T) in proton-proton collisions at $\sqrt{s_{NN}}=200$ GeV	Articol	PHYSICAL REVIEW LETTERS	25	98	2007	252001	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	2
164	Al. Jipa, C. Besliu, M. Calin, T. Esanu, O. Ristea	On a microscopic HUBBLE constant from relativistic nuclear collisions	Proceedings paper	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	7-8	16	2007	1790-1799	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	2
165	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Single Transverse Spin Asymmetries of Identified Charged Hadrons in Polarized p+p Collisions at $\sqrt{s_{NN}}=62.4$ GeV	Articol	PHYSICAL REVIEW LETTERS	4	101	2008	042001	3.46667	Univ Bucharest, Bucharest 76900, Romania	Fizica	2	2
166	C. Besliu, M. Calin, V. Covlea, T. Esanu, A. Jipa, I. Lazanu, A. Scurtu, S. Velica + 460	The Compressed Baryonic Matter experiment at FAIR: physics of strangeness and charm, status of preparations	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	4	35	2008	044049	0.3819	Univ Bucharest, Bucharest 76900, Romania	Fizica	5	5

167	C. Besliu, M. Calin, V. Covlea, T. Esanu, A. Jipa, I. Lazanu, A. Scurtu, S. Velica + 460	Systematic study of the optimization potential for di-electron measurements in the CBM experiment	Proceedings paper	INDIAN JOURNAL OF PHYSICS	12	84	2010	1663-1667	3.46667	Univ Bucharest, Bucharest 76900, Romania	Fizica	2	2
168	C. Besliu, M. Calin, V. Covlea, T. Esanu, A. Jipa, I. Lazanu, A. Scurtu, S. Velica + 460	Ring Recognition and Electron Identification in the RICH detector of the CBM Experiment at FAIR	Proceedings paper	Journal of Physics: Conference Series		219	2010	032015	0.54713	Univ Bucharest, Bucharest 76900, Romania	Fizica	8	8
169	C. Besliu, M. Calin, V. Covlea, T. Esanu, A. Jipa, I. Lazanu, A. Scurtu, S. Velica + 460	The Compressed Baryonic Matter Experiment at FAIR: Progress with feasibility studies and detector developments	Proceedings paper	NUCLEAR PHYSICS A		830	2009	563C-566C	0.13103	Univ Bucharest, Bucharest 76900, Romania	Fizica	8	8
170	C. Besliu, M. Calin, V. Covlea, T. Esanu, A. Jipa, I. Lazanu, A. Scurtu, S. Velica + 460	Di-lepton spectroscopy in CBM	Articol	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	10	35	2008	104160	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	8	8
171	C. Besliu, M. Calin, V. Covlea, T. Esanu, A. Jipa, I. Lazanu, A. Scurtu, S. Velica + 460	Physics at high baryon density at FAIR	Articol	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	10	35	2008	104027	2.02155	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
172	I.V. Grossu , C. Besliu, A. Jipa +1 colab	A new version of Scilab software package for the study of dynamical systems	Articol	COMPUTER PHYSICS COMMUNICATIONS	11	180	2009	2398-2399	2.02155	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
173	I.V. Grossu , C. Besliu, A. Jipa +1 colab	Visual tool for estimating the fractal dimension of images	Articol	COMPUTER PHYSICS COMMUNICATIONS	10	180	2009	1999-2001	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
174	I.V. Grossu , C. Besliu, A. Jipa, C. Bordeianu + 1 colab	Chaos analysis of nuclear stability using a classical billiard model	Proceedings paper	ROMANIAN REPORTS IN PHYSICS	2	60	2008	287-297	2.02155	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
175	I.V. Grossu , C. Besliu, A. Jipa, C. Bordeianu	Chaos analysis of a semi-classical nuclear billiard model	Proceedings paper	COMPUTER PHYSICS COMMUNICATIONS	1-3	179	2008	199-201	2.02155	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
176	I.V. Grossu , C. Besliu, A. Jipa, C. Bordeianu + 1 colab	Scilab software package for the study of dynamical systems	Articol	COMPUTER PHYSICS COMMUNICATIONS	10	178	2008	788-793	3.46667	Univ Bucharest, Bucharest 76900, Romania	Fizica	2	2
177	C. Besliu, A. Jipa + 56 colab	Production of mesons and baryons at high rapidity and high p(T) in proton-proton collisions at $\sqrt{s}=200$ GeV	Articol	PHYSICAL REVIEW LETTERS	25	98	2007	252001	0.18391	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4

178	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Forward rapidity results from RHIC	Proceedings paper	REVISTA MEXICANA DE FISICA	1	52	2006	112-118	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
179	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Recent highlights from BRAHMS	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	8	34	2007	S207- S215	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
180	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Nuclear modification factors at forward rapidity in Au-Au and Cu-Cu collisions at $\sqrt{s_{NN}} = 62,4$ GeV	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	8	34	2007	S603- S606	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
181	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Particle suppression at high $-x_F$ in Au+Au collisions at RHIC	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	8	34	2007	S611- S614	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
182	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Identified particle production in p+p and d+Au collisions at RHIC	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	8	34	2007	S619- S622	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
183	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Rapidity and p_t dependence of identified-particle elliptic flow at RHIC	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	8	34	2007	S1083- S1086	0.13103	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
184	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Stopping in root $S_{NN}=62.4$ GeV Au+Au collisions	Proceedings paper	INDIAN JOURNAL OF PHYSICS	12	84	2010	1825-1829	1.21166	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
185	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Overview and Recent Results from BRAHMS	Proceedings paper	NUCLEAR PHYSICS A		830	2009	43C-50C	1.21166	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
186	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Forward-rapidity azimuthal and radial flow of identified particles for root $s_{NN}=200$ GeV Au+Au collisions	Proceedings paper	NUCLEAR PHYSICS A		830	2009	179C -182C	1.21166	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
187	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	The rapidity dependence of the proton-to-pion ratio in Au plus Au and p plus p collisions at root $s_{NN}=62.4$ GeV and 200 GeV	Articol	PHYSICS LETTERS B	1	684	2010	22-27	1.21166	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
188	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Baryon Stopping in Au plus Au and p plus p collisions at 62 and 200 GeV	Proceedings paper	NUCLEAR PHYSICS A		830	2009	841C -844C	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3

189	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Centrality and rapidity dependence of particle ratios in Au plus Au and Cu plus Cu collisions at $\sqrt{s}=62.4$ GeV	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	6	36	2009	064004		Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
190	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Physics at Forward Rapidities - BRAHMS Experiment at RHIC	Proceedings paper	AIP CONFERENCE PROCEEDINGS		1105	2009	68-72	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	2	2
191	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Recent results from BRAHMS	Articol	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	10	35	2008	104004	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	2	2
192	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Rapidity dependence of the K/pi ratios in Au+Au collisions at $\sqrt{s}=62.4$ GeV	Articol	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	10	35	2008	104056	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	2	2
193	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Rapidity densities of $\pi(+/-)$, $K(+/-)$ and $p(\bar{p})$ in p+p and d+Au collisions at $\sqrt{s}=200$ GeV	Articol	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	10	35	2008	104129	7.57011	Univ Bucharest, Bucharest 76900, Romania	Fizica	2	2
194	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Flavor dynamics	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	4	35	2008	044015	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
195	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Transverse and longitudinal dynamics at RHIC	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	4	35	2008	044016	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	2	2
196	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Nuclear stopping: Paving the way from RHIC to LHC	Proceedings paper	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	7-8	16	2007	1813-1818	0.3819	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
197	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Centrality dependence of charged hadron spectra at forward rapidities in Cu+Cu collisions at $\sqrt{s}=200$ GeV	Proceedings paper	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	7-8	16	2007	1896-1900	0.3819	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
198	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Strangeness production in Au+Au reactions at $\sqrt{s}=62.4$ GeV	Proceedings paper	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	7-8	16	2007	2035-2040	0.3819	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3
199	C. Besliu, A. Jipa, O. Ristea, C. Ristea + 40 colab.	Differential elliptic flow at forward rapidity in 200GeV AuAu collisions	Proceedings paper	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	12	31	2007	1137-1140	0.06902	Univ Bucharest, Bucharest 76900, Romania	Fizica	3	3

200	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Charged particle production at high rapidity in p+p collisions at RHIC	Proceedings paper	AIP CONFERENCE PROCEEDINGS		870	2006	420-424	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
201	C.Besliu, Al. Jipa, O.Ristea + 56 colab	High rapidity physics with the BRAHMS experiment	Proceedings paper	AIP CONFERENCE PROCEEDINGS		870	2006	707-711	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
202	C.Besliu, Al. Jipa, O.Ristea + 56 colab	BRAHMS overview	Proceedings paper	JOURNAL OF PHYSICS CONFERENCE SERIES		50	2006	42-49	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
203	C.Besliu, Al. Jipa, O.Ristea + 56 colab	High-P-T suppression in heavy ion collisions from the BRAHMS experiment at RHIC	Proceedings paper	Fundamental Interactions			2006	126-130	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
204	C.Besliu, Al. Jipa, O.Ristea + 56 colab	High p(T) suppression in Au plus Au at root(NN)-N-S=200 GeV measured with BRAHMS	Proceedings paper	AIP CONFERENCE PROCEEDINGS		828	2006	353-358	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
205	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Single spin asymmetries in the BRAHMS experiment	Proceedings paper	AIP CONFERENCE PROCEEDINGS		842	2006	401-403	0		Fizica	4	4
206	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Recent results from BRAHMS in the context of longitudinal dynamics at RHIC	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	12	32	2006	S61- S68	1.28067		Fizica	4	4
207	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Strangeness production in p+p and d+Au collisions at RHIC	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	12	32	2006	S491 -S494	1.28067	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
208	C.Besliu, Al. Jipa, O.Ristea + 56 colab	Hadron production at forward rapidity in nuclear collisions at RHIC	Proceedings paper	CZECHOSLOVAK JOURNAL OF PHYSICS		56	2006	A27- A37	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	4	4
209	C. Besliu, M. Calin, V. Covlea, T. Esanu, A. Jipa, I. Lazanu, A. Scurtu, S. Velica + 460	An universal read-out controller	Proceedings paper	JOURNAL OF INSTRUMENTATION		5	2010	C11017	1.31771	Univ Bucharest, Fac Phys, Bucharest, Romania Univ Bucharest, Fac Chem, Bucharest, Romania	Fizica	8	8
210	C. Besliu, M. Calin, V. Covlea, T. Esanu, A. Jipa, I. Lazanu, A. Scurtu, S. Velica + all	The Compressed Baryonic Matter experiment at FAIR: physics of strangeness and charm, status of preparations	Proceedings paper	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	4	35	2008	044049	1.28067		Fizica	8	8

211	Paraschiv AR, Lacatus DA, Badescu T, Lupu MG, Simon S, Sandu SG, Rusu MV (7/8)	Study of Coronal Jets During Solar Minimum Based on STEREO/SECCHI Observations	Article	SOLAR PHYSICS	0038-0938	264(2)	2010	365-375	1.42198	Univ Bucharest, Bucharest 76900, Romania	Fizica	7	7
212	Rusu MV (1/1)	The asymmetry of the solar cycle: A result of non-linearity	Article	ADVANCES IN SPACE RESEARCH	0273-1177	40(12)	2007	1904-1911	0	Univ Bucharest, Bucharest 76900, Romania	Fizica	1	1
213	Grecu VV, Olar Rodica, Badea, Mihaela (3/6)	Magnetic characterization of some nanometric iron oxides	Article	HYPERFINE INTERACTIONS	0304-3843	183(1-3)	2008	205-214	0	Univ Bucharest, Fac Phys, Bucharest, Romania Univ Bucharest, Fac Chem, Bucharest, Romania	Fizica	1	3
214	Barna V., Caputo R., De Luca A., Scaramuzza N., Strangi G., Versace C., Umeton C., Bartolino R., Price G. N.	Distributed Feedback Micro-Laser Array: Helixed Liquid Crystals Embedded in Holographically Sculptured Polymeric Microcavities	articol	Optics Express		14	2006	2695-2705	3.61	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		
215	Strangi G., Ferjani S., Barna V., De Luca A., Scaramuzza N., Versace C., Umeton C., Bartolino R.	Random Lasing and Weak Localization of Light in Dye-Doped Nematic Liquid Crystals	articol	Optics Express		17	2006	7737-7744	3.61	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		
216	Ferjani S., Barna V., De Luca A., Scaramuzza N., Versace C., Umeton C., Bartolino R., Strangi G.	Thermal Behaviour of Random Lasing in Dye Doped Nematic Liquid Crystals	articol	Applied Physics Letters		89	2006	557-559	2.84	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		
217	Strangi G., Ferjani S., Barna V., De Luca A., Versace C., Scaramuzza N., Bartolino R.	Random lasing in dye doped nematic liquid crystals: the role of confinement geometry	articol	Liquid Crystals and Applications in Optics		6587	2007	5870	0.36	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		
218	Ferjani S., Barna V., De Luca A., Versace C., Strangi G.	Random Lasing in Freely Suspended Dye Doped Nematic Liquid Crystals	articol	Optics Letters		33	2008	557-559	3.64	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		
219	Ferjani S., Sorriso L-V, Barna V., De Luca A., De Marco R., Strangi G.	Statistical Analysis of Random Lasing Emission Properties in Nematic Liquid Crystals	articol	Physical Review E		78	2008		1.42	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		

220	Barna V., De Luca A., Rosenblatt C.	Nanoscale alignment and optical nanoimaging of a birefringent liquid	articol	Nanotechnology		19	2008		3.43	Facultatea De Fizica - UNIBUC, Case University - SUA	Fizica		
221	Barna V., De Luca A., Atherton T., Carbone G., Sousa M., Rosenblatt C.	Optical nanotomography of anisotropic fluids	articol	Nature Physics		4	2008	869-872	28.63	Facultatea De Fizica - UNIBUC, Case University - SUA	Fizica		
222	Barna V., Strangi G., Barna E.S.	Photopolarimetric Investigations of the Anchoring Energy Strength for a Nematic Liquid Crystal on Polyaniline Boundary Surfaces	articol	Journal of Optoelectronics and Advanced Materials		10	2008	3403	0.33	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		
223	Ferjani S., De Luca A., Barna V., Versace C., Strangi G.	Thermo-Recurrent Nematic Random Laser	articol	Optics Express		17	2009	2042-2047	3.61	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		
224	Carbone F., De Luca A., Barna V., Ferjani S., Versace C., Strangi G.	Coherent backscattering and dynamical light localization in liquid crystals driven throughout chaotic regimes	articol	Optics Express		17	2009	13435-13440	3.61	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		
225	Lee J-H., Atherton T., Petschek R.G., Barna V., De Luca A., Bruno E., Rosenblatt C.	Direct measurement of surface-induced orientational order parameter profile above the nematic - isotropic phase transition temperature	articol	Physical Review Letters		102	2009		7.57	Facultatea De Fizica - UNIBUC, University of Calabria-Italy, Case University - SUA	Fizica		
226	Barna V., D'Elia S., Scaramuzza N., Strangi G., Bartolino R.	The influence of drying temperature on the closed-packed structure of silanized monolayers deposited on indium tin oxide (ITO) substrates	articol	Journal of Materials Research		24	2009	2784-2794	1.64	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		
227	A. de Luca, V. Barna, S. Ferjani, R. Caputo, C. Versace, N. Scaramuzza, R. Bartolino, C. Umeton and G. Strangi	Laser action in dye doped liquid crystals: from periodic structures to random media	articol	Journal of Nonlinear Optical Physics & Materials		18	2009	349-365	0.42	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica		
228	V. Filip, J. Liu, C. K. Wong, H. Wong, D. Nicolaescu, V. Barna, and E. S. Barna,	Model for trap-assisted electron tunneling in thin insulators	articol	Journal of Vacuum Science & Technology B		28	2010		1.18	Facultatea De Fizica - UNIBUC, Kyoto University- Japan.	Fizica		

229	V. Barna, V. I. Vlad, A. Petris, I. Dancus, T. Bazaru, E. S. Barna, A. De Luca, S.	Efficient random laser effect in a new dye-nematic liquid crystalline composite	articol	Rom. Rep. Phys.		62	2010	444-454	0	Facultatea De Fizica - UNIBUC, INFLPR Bucuresti.	Fizica		
230	C. Berlic and V. Barna,	Monte Carlo simulation of the molecular distribution and optical properties of a nematic liquid crystal system with periodic surface gratings	articol	Optics Express		18	2010	23646-23656	3.61	Facultatea De Fizica - UNIBUC	Fizica		
231	Cheche TO	Strain effect on the intrinsic spin Hall effect	articol	Physical Review B	73	11	2006	113301	2.5522	Universitatea din Bucuresti	Fizica		
232	Cheche TO, Barna E	Control of the spin Hall current in two dimensional electronic gas	articol	APPLIED PHYSICS LETTERS	89	4	2006	42116	2.84388	Universitatea din Bucuresti	Fizica		
233	Cheche TO, Chang YC	Analytical approach for strain and piezoelectric potential in conical self-assembled quantum dots	articol	JOURNAL OF APPLIED PHYSICS	104	8	2008	83524	1.85021	Universitatea din Bucuresti, Acad Sinica, Res Ctr Appl Sci, Taipei 115, Taiwan	Fizica		
234	Cheche TO	Phonon influence on emission spectra of biexciton and exciton complexes in semiconductor quantum dots	articol	EPL	86	6	2009	67011	3.07356	Universitatea din Bucuresti	Fizica		
235	A. Moroza [*] , L. Stamatina ¹ , F. Nastase ¹ , A. Dumitru ¹ , S. Vulpe ¹ , C. Nastase ¹ , I. Stamatina ¹ , and K. Scott ²	The biocompatibility microorganisms-carbon nanostructures for applications in microbial fuel cells,	articol	physica status solidi (a)	No. 204	Vol. 6	2007	1797-1803	1.02954	1 3 Nano-SAE Research Centre, University of Bucharest, P.O. Box MG-38, 077125 Bucharest-Magurele, Romania 2 School of Chemical Engineering and Advanced Materials, University of Newcastle upon Tyne, Newcastle upon Tyne NE1 7RU, United Kingdom	Fizica		

236	Anca Dumitru*, 1, Adina Morozan**, 1, M. Ghiurea2, K. Scott3, and S. Vulpe1	Biofilm growth from wastewater on MWNTs and carbon aerogels	articol	physica status solidi (a) - Applications and materials science	No. 205	Vol. 6	2008	1484-1487	1.02954	1 Polymer Science Group, University of Bucharest, P.O. Box MG-40, 077125, Bucharest-Magurele, Romania 2 ICEHIM Bucharest, 202 Independence Street, District 6, P.O. Box 35-174, 060021 Bucharest, Romania 3 School of Chemical Engineering and Advanced Materials, University of Newcastle upon Tyne, Newcastle upon Tyne NE1 7RU, UK	Fizica	
237	CLAUDIA NASTASE*, ANCA DUMITRU **, FLORIN NASTASE, ADINA MOROZAN, SILVIU VULPE, AND D. BATALU, A	Comparative study of deep-coating and plasma processing PMMA thin films	articol	Journal of Optoelectronics and Advanced Materials	No. 12	Vol. 4	2010	944-947	0.33626	Polymer Science Group, University of Bucharest, P.O. Box MG-40, 077125, Bucharest-Magurele, Romania A, Center for Research and Expertise of Special Materials, University Politehnica of Bucharest, Splaiul Independentei 313, Bucharest, 060032, Romania	Fizica	

238	Adina Morozan, Florin Nastase, Anca Dumitru, Claudia Nastase, Silviu Vulpe, Mihaela Filipescu	Plasma processing of polypyrrole-heparin thin films on titanium substrates for biomedical applications	articol	PHYSICA STATUS SOLIDI C - CURRENT TOPICS IN SOLID STATE PHYSICS	No. 106	Vol. 6	2009	2195-2198			Fizica		
239	A. Andronie, A. Morozan, C. Nastase, F. Nastase, A. Dumitru, S. Vulpe, A. Vaseashta and I. Stamin	CsHSO4/NANOOXIDE POLYMER MEMBRANES FOR FUEL CELL	articol	FUNCTIONALIZED NANOSCALE MATERIALS, DEVICES AND SYSTEMS, 415-418, 2008	No. 208	Vol. 10	2008	415-418			Fizica		
240	A. Morozan, A. Dumitru, C. Mirea, I. Stamin, F. Nastase, A. Andronie, S. Vulpe, C. Nastase and A. Vaseashta	SYNTHESIS AND CHARACTERIZATION OF CARBON SUPPORTED Pd AND PtPd CATALYSTS FOR DMFCs	articol	FUNCTIONALIZED NANOSCALE MATERIALS, DEVICES AND SYSTEMS	No. 209	Vol. 11	2008	445-448			Fizica		
241	Ioan Stamin; Adina Morozan; Anca Dumitru; S. Vulpe	Highly oriented carbon ribbons for advanced multifunctional material engineering	articol	FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES	No. 211	Vol. 13	2005	543-551			Fizica		
242	Sabina Stefan, Cristian Necula, Florinela Georgescu	Analysis of Long-range Transport of Particulate Matters in Connection with Air Circulation over Central and Eastern Part of Europe	articol	Physics and Chemistry of the Earth, Parts A/B/C		35	2010	523-529	0.933		Universitatea din Bucuresti	Fizica	
243	M. ZORAN, S. STEFAN	Atmospheric and spectral corrections for estimating surface albedo from satellite data.	articol	Journal of Optoelectronics and Advanced Materials	1	8	2006	247-269	0.33626		Universitatea din Bucuresti	Fizica	
244	IORGA, G., STEFAN, S..	Sensitivity of cloud albedo to aerosol concentration and spectral dispersion of cloud droplet size distribution	articol	Atmosfera	3	20	2007	247-269	0.19506		Universitatea din Bucuresti	Fizica	
245	Sabina Stefan+ 2 colab.	Risk assessment of some persistent organic pollutants on environment and health	articol	Rev. Chim.	9	58	2007	939-943.	0.09274		Universitatea din Bucuresti	Fizica	
246	G. Raducan, S. Stefan	Characterization of traffic-generated pollutants in Bucharest	articol	Atmosfera	1	22	2009	97-108	0.19506		Universitatea din Bucuresti	Fizica	
247	Rusu-Zagăr G, Ștepa R., Ștefan S., Ștepa R., Zagăr L.,	Evaluation of risk to human health due to industrial pollution in an unauthorized suburbia	articol	Metalurgia International		14	2009	77-83	0		Universitatea din Bucuresti	Fizica	
248	IOANA UNGUREANU1, SABINA STEFAN1, DOINA NICOLAE2	Investigation of the cloud cover and Planetary Boundary Layer (PBL) characteristics using Ceilometer CL-31,	articol	Romanian Reports in Physics	2	62	2010	396-404.	0		Universitatea din Bucuresti	Fizica	
249	F. GEORGESCU1, S. STEFAN2	Cyclonic Activity over Romania in connection with the air circulation types	articol	Romanian Reports in Physics	4	62	2010	878-88	0		Universitatea din Bucuresti	Fizica	

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251	C. Berlic, V. Barna	Nematic director distribution of a liquid crystalline system presenting a cylindrical defect mode	Articol	Journal of Optoelectronics and Advanced Materials	6	12	2010	1427-1432	0.2313	1. Univ Bucharest, Fac Phys, Bucharest 077125, Romania	Fizica		

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253	Gatin, E. ¹ , Berlic, C. ¹ , Iordache, B. ² , Ciobanu, L. ²	Investigation of Ni-Cr alloys in order to assess the quality of cast dental restorations	Articol	Journal of Optoelectronics and Advanced Materials	4	11	2009	484-489	1.2313	1. Univ Bucharest, Fac Phys, Bucharest, Romania; 2. Carol Davila Med & Pharm Univ Bucharest, Fac Dent, Bucharest,	Fizica		
254	Gatin, E. ¹ , Ciucu, C. ¹ , Ciobanu, G. ² , Berlic, C. ¹	Investigation and comparative survey of some dental restorative materials	Articol	Optoelectronics And Advanced Materials – Rapid Communications	5	2	2008	284-290	0.31287	1. Univ Bucharest, Fac Phys, Bucharest, Romania; 2. Dent Off Lab, Craiova, Romania	Fizica		
255	C. Berlic, E. Barna, C. Ciucu	Monte Carlo Simulation of a Nematic Liquid Crystal Cell with a Hemispheric defect on One Electrode	Articol	Journal of Optoelectronics and Advanced Materials	12	9	2007	3854-3859	0.2313	Univ Bucharest, Fac Phys, Bucharest, Romania	Fizica		

256	I. Stamatin 1, C. Berlic 1, A. Vaseashta 2	On the Computer-Aided Modelling of Analyte–Receptor Interactions for an Efficient Sensor Design	Articol	Thin Solid Films	1-2	495	2006	312-315	1.63237	1. Univ Bucharest, Fac Phys, Bucharest, Romania; 2. Marshall Univ, Grad Program Phys Sci, Mat Proc & Characterizat Labs, Huntington, WV 25755 USA	Fizica		
257	V. Filip, Hei Wong, D. Nicolaescu	Definition of curve fitting parameter to study tunneling and trapping of electrons in Si/ultra-thin SiO ₂ /metal structures	articol	Microelectronics Reliability		46	2006	1027-1034	0.866	Universitatea din Bucuresti; City University of Hong Kong; Nanoelectronics Research Institute, Tsukuba, Japan	Fizica		
258	V. Filip, Hei Wong, D. Nicolaescu	Quantum charge transportation in metal-oxide-Si structures with ultra-thin oxide	articol	Journal of Vacuum Science & Technology B	1	24	2006	38-45	1.1861	Universitatea din Bucuresti; City University of Hong Kong; Nanoelectronics Research Institute, Tsukuba, Japan	Fizica		
259	V. Filip, D. Nicolaescu, Hei Wong	Coherent and sequential tunneling mechanisms for field electron emission through layers of wide band gap materials	articol	Journal of Vacuum Science & Technology B	2	24	2006	881-886	1.1861	Universitatea din Bucuresti; Kyoto University, Japan; City University of Hong Kong	Fizica		

260	V. Filip, H. Wong, B. Sen, D. Nicolaescu, C.K. Sarkar	A double-layer current conduction model for high-j gate dielectric materials with interfacial oxide or silicate layer	articol	Microelectronic Engineering		83	2006	1950-1956	1.43567	Universitatea din Bucuresti; City University of Hong Kong; Nanoelectronics Research Institute, Tsukuba, Japan; Jadavpur University, Kolkata, India	Fizica		
261	H.Y. Choi, H. Wong, V. Filip, B. Sen, C.W. Kok, M. Chan, M.C. Poon	Stressing effects on the charge trapping of silicon oxynitride prepared by thermal oxidation of LPCVD Si-rich silicon nitride	articol	Thin Solid Films		504	2006	7 – 10	1.63237	Universitatea din Bucuresti; City University of Hong Kong	Fizica		
262	H. Wong, B. Sen, V. Filip, M.C. Poon	Material properties of interfacial silicate layer and its influence on the electrical characteristics of MOS devices using hafnia as the gate dielectric	articol	Thin Solid Films		504	2006	192-196	1.63237	Universitatea din Bucuresti; City University of Hong Kong	Fizica		
263	Banani Sen, Hei Wong, V. Filip, H.Y. Choi, C.K. Sarkar, M. Chan	Current transport and high-field reliability of aluminum/hafnium oxide/silicon structure	articol	Thin Solid Films		504	2006	312 – 316	1.63237	Universitatea din Bucuresti; City University of Hong Kong; Jadavpur University, Kolkata, India	Fizica		
264	Hei Wong, V. Filip, C.K. Wong, P.S. Chung	Silicon integrated photonics begins to revolutionize	articol	Microelectronics Reliability		47	2007	1-10	0.866	Universitatea din Bucuresti; City University of Hong Kong	Fizica		
265	D. Nicolaescu, V. Filip, G. H. Takaoka, Y. Gotoh, J. Ishikawa	Analytical modeling for the electron emission properties of carbon nanotube arrays	articol	Journal of Vacuum Science & Technology B	2	25	2007	472-477	1.1861	Universitatea din Bucuresti; Kyoto University, Japan	Fizica		

266	B. Sen, H. Wong, B.L. Yang, A.P. Huang, P.K. Chu, V. Filip, C.K. Sarkar	Nitrogen Incorporation into Hafnium Oxide Films by Plasma Immersion Ion Implantation	articol	Japanese Journal of Applied Physics	5B	46	2007	3234–3238	0.76793	Universitatea din Bucuresti; City University of Hong Kong; Jadavpur University, Kolkata, India	Fizica		
267	C. K. Wong, H. Wong, V. Filip, P. S. Chung	Bonding Structure of Silicon Oxynitride Grown by Plasma-Enhanced Chemical Vapor Deposition	articol	Japanese Journal of Applied Physics	5B	46	2007	3202–3205	0.76793	Universitatea din Bucuresti; City University of Hong Kong	Fizica		
268	V. Filip, H. Wong, C. K. Wong, D. Nicolaescu	Electroluminescence of silicon nanoclusters excited by tunneling carrier injection	articol	Journal of Vacuum Science & Technology B	2	26	2008	813-820	1.1861	Universitatea din Bucuresti; City University of Hong Kong; Kyoto University, Japan	Fizica		
269	D. Nicolaescu, V. Filip, Y. Gotoh, J. Ishikawa	Modeling of linear carbon nanotube nanotriodes with improved field uniformity	articol	Journal of Vacuum Science & Technology B	2	26	2008	806-812	1.1861	Universitatea din Bucuresti; Kyoto University, Japan	Fizica		
270	P. Ghosh, M. Subramanian, R. A. Afre, M. Zamri, T. Soga, T. Jimbo, V. Filip, M. Tanemura	Growth of Y-junction bamboo-shaped CNx nanotubes on GaAs substrate using single feedstock	articol	Applied Surface Science		255	2009	4611–4615	1.37997	Universitatea din Bucuresti; Nagoya Institute of Tecnology, Japan	Fizica		
271	V. Filip, D. Nicolaescu, H. Wong	Probability Current and Antiresonances of Particle Tunneling Through Biased Heterostructures	articol	Journal of Nanoscience and Nanotechnology		9	2009	1237–1241	1.38794	Universitatea din Bucuresti; City University of Hong Kong; Kyoto University, Japan	Fizica		
272	C. K. Wong, H. Wong, V. Filip	Photoluminescence of Silicon Nanocrystals Embedded in Silicon Oxide	articol	Journal of Nanoscience and Nanotechnology		9	2009	1272–1276	1.38794	Universitatea din Bucuresti; City University of Hong Kong	Fizica		

273	V. Filip, D. Nicolaescu, I. C. Fulga, T. Mitran, H. Wong	Background analysis of field-induced electron emission from nanometer-scale heterostructured emitters	articol	Journal of Vacuum Science & Technology B	2	27	2009	711-718	1.1861	Universitatea din Bucuresti; Nissin Ion Equipment Co., Ltd., Kyoto, Japan; City University of Hong Kong	Fizica		
274	J. Liu, W.S. Tam, H. Wong, V. Filip	Temperature-dependent light-emitting characteristics of InGaN/GaN diodes	articol	Microelectronics Reliability		49	2009	38-41	0.866	Universitatea din Bucuresti; City University of Hong Kong	Fizica		
275	CRISTINA MIRON, IONELIA STAIKU	THE IMPACT OF INTERDISCIPLINARITY ON THE PHYSICS-MATHEMATICS SCIENTIFIC EDUCATION IN HIGH SCHOOLS	articol	Romanian Reports in Physics	4	62	2010	906-917	0	Universitatea din Bucuresti, Facultatea de Fizica	Fizica		
276	Dumitru, A., Ciupina, V., Stamatina, I., Prodan, G., Morozan, A., Mirea, C.	Plasma polymerization of ferrocene with silane and silazane monomers for design of nanostructured magnetic ceramics	articol	Journal of Optoelectronics and Advanced Materials	8	1	2006	pp. 50-55	0.33626	3 autori Universitatea din Bucuresti, 2 autori - Universitatea Ovidius Constanta, 1 autor - Institutul National de Expertize Criminalistice	Fizica		
277	Stamatina, I., Morozan, A., Dumitru, A., Ciupina, V., Prodan, G., Niewolski, J., Figiel, H.	The synthesis of multi-walled carbon nanotubes (MWNT) by catalytic pyrolysis of the phenol-formaldehyde resins	articol	Physica E	37	(1-2)	2007	pp. 44-48	0.73951	Universitatea din Bucuresti, 2 autori - Universitatea Ovidius Constanta, 2 autori - AGH-University of Science and Technology, Poland	Fizica		

278	Dumitru, A., Stamatina, I., Morozan, A., Mirea, C., Ciupina, V.	Si-C-N-Fe nanostructured ceramics from inorganic polymer precursors obtained by plasma polymerization	articol	Materials Science and Engineering: C	C27		2007	pp 1331-1337	1.04179	3 autori Universitatea din Bucuresti, 1 autor - Institutul National de Expertize Criminalistice, 1 autor - Universitatea Ovidius Constanta,	Fizica		
279	Morozan, A., Figiel, H., Zukrowski, J., Japa, E., Tokarz, W., Dumitru, A., Stamatina, I.	Structure and magnetic properties of nanoparticles trapped in a carbon matrix along with the catalytic growth of carbon nanotubes	articol	Materials Science and Engineering: C	C27		2007	pp. 1167-1170	1.04179	3 autori Universitatea din Bucuresti, 3 autori -AGH- University of Science and Technology, Poland	Fizica		
280	Dumitru, A., Morozan, A., Stamatina, I., Danciu, V., Cotet, C.	Correlation of different carbon support and catalytic activity for Pt based catalyst	articol	Journal of Optoelectronic and Advanced Materials	10	4	2008	pp 904-906	0.33626	3 autori Universitatea din Bucuresti, 2 autori - Universitatea Babes-Bolyai	Fizica		
281	M. Elisa, B. A. Sava, R. Iordanescu, I. Feraru, C. Vasiliu, M. Calin, A. Diaconu, I. D. Ursu, I. Boroica, Z. Plaiasu, F. Nastase, C. Nastase, A. Dumitru	Obtaining and characterization of calcium /magnesium/iron lithium phosphate glasses, ; 4 (9); 1301 – 1303 ; 2010	articol	Optoelectronics and Advanced Materials – Rapid Communications	4	9	2010	pp 1301 – 1303	0.31287	4 autori Universitatea din Bucuresti, 7 autori INOE	Fizica		
282	Nastase F.1, Stamatina I.1 , Nastase C.1 , Mihaiescu D.2, Moldovan A.3	Synthesis and characterization of PANi-SiO2 and PTh-SiO2 nanocomposites' thin films by plasma polymerization	Proceedings Paper	PROGRESS IN SOLID STATE CHEMISTRY	34	2-4.	2006	191-199	3.77673	1. Univ Bucharest, Fac Phys, Nano SAE Res Ctr 3, Bucharest 77125, Magurele Romania; 2. Univ Agr Sci & Vet Med, Bucharest, Romania; 3. Natl Inst Lasers Plasma & Radiat Phys, Bucharest 77125, Magurele Romania	Fizica		

283	Nastase C.1 , Nastase F.1 , Vaseashta A.2 , Stamatina I.1	Nanocomposites based on functionalized nanotubes in polyaniline matrix by plasma polymerization	Proceedings Paper	PROGRESS IN SOLID STATE CHEMISTRY	34	2-4.	2006	181-189	3.77673	1. Univ Bucharest, Fac Phys, Nano SAE Res Ctr 3, Bucharest 77125, Romania; 2. Marshall Univ, Dept Phys, Mat Proc & Characterizat Labs, Huntington, WV 25701 USA	Fizica		
284	Sava BA.1 , Tardei C.2 , Stamatina I.3 , Nastase C.3 , Nastase F.3	Ceramic composites with improved thermo-mechanical properties	Article	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	9	7	2007	2056-2062	0.33626	Glass, Bucharest, Romania; 2.Res & Dev Inst ICPE CA, Bucharest, Romania; 3. Univ Bucharest, Fac Phys, Magurele, Romania	Fizica		
285	Cristescu R .1, Cojanu C .1, Popescu A.1, Grigorescu S .1,Nastase C .2, Nastase F .2, Doraiswamy A .3, Narayan RJ .3, Stamatina I.2, Mihailescu IN .1, Chrisey DB.	Processing of poly(1,3-bis-(p-carboxyphenoxy propane)-co-(sebacic anhydride)) 20 : 80 (P(CPP : SA)20 : 80) by matrix-assisted pulsed laser evaporation for drug delivery systems	Proceedings Paper	APPLIED SURFACE SCIENCE	254	4	2007	1169-1173	1.37997	1.Natl Inst Lasers Plasma & Radiat Phys, Lasers Dept, Bucharest, Romania; 2.Univ Bucharest, Nano SAE Res Ctr 3, Bucharest, Romania; 3. Univ N Carolina, Biomed Engr, Chapel Hill, NC USA	Fizica		

286	Sava BA .1, Diaconu A .1, Ursu LD.1, Elisa M .2, Stamatini .3, Nastase F .3, Nastase C .3	Structure of ecological lead free silicate glasses	Article	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	3	5	2009	435-438	0.31287	1. Natl Inst Glass, Bucharest 032258, Romania; 2. Natl Inst Optoelect INOE 2000, Dept Optospintron, RO-77125 Com Magurele, Romania; 3. Univ Bucharest, Fac Phys, Bucharest,	Fizica		
287	Elisa M .1, Sava BA .2, Diaconu A .2, Boroica L .2, Ursu D .2, Stamatini I .3, Nastase F.3, Nastase C .3, Logofatu C .4	Thermal properties of ecological phosphate and silicate glasses	Article	GLASS PHYSICS AND CHEMISTRY	35	6	2009	596-601	0.63538	1. Natl Inst Res & Dev Optoelect INOE 2000, RO-77125 Bucharest, Romania; 2. Natl Inst Glass, Bucharest 032258, Romania; 3. Univ Bucharest, SAE Res Ctr 3Nano, Bucharest 077125, Romania; 4. Natl Inst Res & Dev Mat Phys, RO-77125 Com Magurele, Jud Ilfov Romania	Fizica		

										R&D Optoelect INOE 2000, Dept Optospintron, Magurele 077125, Romania ; 2. Natl Inst Glass, Dept Glass Technol, Bucharest 032258, Romania ; 3. Univ Bucharest, Polymer Sci Grp, Magurele 077125, Romania ; 4. Univ Politehn Bucuresti, Fac Appl Chem & Mat Sci, Dept Sci & Engr Oxide Mat & Nanomat, Bucharest 022453, Romania	
288	Elisa M .1, Vasiliu IC .1, Sava BA .2, Nastase F.3, Nastase C .3, Volceanov A .4, Dima V.4, Stoleriu S .4, Eftimie M .4	Structural and morphological characterization of silicophosphate thin films containing Nd ³⁺ ions	Article	PHYSICS AND CHEMISTRY OF GLASSES-EUROPEAN JOURNAL OF GLASS SCIENCE AND TECHNOLOGY PART B	51	6	2010	309-317	1.50181	Romania	Fizica
289	A Cucu , S Iordache, A Andronie, S Stamin, A Emandi, I Stamin	Electrochemical activity of Nickel Raney nanoparticles with applications in fuel cells	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	11	4	2010	1733-1735	0.31287	UB	Fizica
290	A. Andronie, S Antohe, S Iordache, S Stamin, A Cucu, A Emandi, I Stamin	Proton exchange membrane based on poly-perfluorosulfonic acid modified with sulfonamide groups	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	11	2	2010	1807-1810	0.31287	UB	Fizica
291	S Iordache, A. Cucu, A. Andronie, S. Stamin, A. Popescu, R. Cristescu, I. Stamin	The characterization of the immobilized active substrates on screen-printed electrodes designed for response to the biochemical agents.		JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	9	12	2010	1946-1951	0.33626	UB	Fizica
292	Ioan Stamin	Synthesis of Single Walled Carbon Nanotubes (SWNT) by Chemical Vapour Deposition on MCM-41 Supported Ni Catalysts Obtained by Incorporation and Impregnation	articol	REVISTA DE CHIMIE	6	61	2010	604-607	0.09274	UB	Fizica
293	S. Stamin, A. Andronie, S.M Iordache, A. Cucu, C. Ceaus, Ioan Stamin	FeNi catalyst for polymer electrolyte fuel cells,	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	4	12	2010	937-940	0.33626	UB	Fizica
294	A. Andronie, S.M Iordache, A. Cucu, S. Stamin, L.M Constantinescu, I. Stamin	Detection of the neurotoxin, deoxynivalenol, with PANi modified screen-printed electrode	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	4	12	2010	941-943	0.33626	UB	Fizica

295	V. David, I.G David, I. Stamatina, A.A Ciucu,	Selective dpv method of dopamine determination in biological samples containing ascorbic acid.	articol	ANALYTICAL LETTERS	7;8	43	2010	1100-1110	0.53713	UB	Fizica
296	A. Andronie, I. Stamatina	Structure and properties of silver doped SnSe ₂ and Ge ₂ Sb ₂ Te ₅ thin films prepared by pulsed laser deposition,	articol	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE	3	207	2010	516-520	1.02954	UB	Fizica
297	AA Ciucu, A. Andronie, S. M Iordache, I. Stamatina	Functional porphyrin thin films deposited by matrix assisted pulsed laser evaporation	articol	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	1-3	169	2010	106-110	1.52701	UB	Fizica
298	A. Andronie, I. Stamatina	Composite biocompatible hydroxyapatite-silk fibroin coatings for medical implants obtained by Matrix Assisted Pulsed Laser Evaporation,	articol	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	1-3	169	2010	151-158	1.52701	UB	Fizica
299	Stamatina Ioan	Electrochemical Deposition of Polyaniline thin Films on Carbonic Substrates for the Application as Hydrogen Mediator and Self Catalyst in Fuel Cells,	articol	REVISTA DE CHIMIE	12	60	2009	1285-1287	0.09274	UB	Fizica
300	Stamatina I., Andronie A., Iordache, S., Cucu, A.	Microcellular carbon from polyacrylonitrile precursors,	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	11	11	2009	1788-1793	0.33626	UB	Fizica
301	Stamatina I.	Functional polyethylene glycol derivatives nanostructured thin films synthesized by matrix-assisted pulsed laser evaporation	articol	APPLIED SURFACE SCIENCE,	24	255	2009	9873-9876	1.37997		Fizica
302	I. Stamatina,	Thin films of polymer mimics of cross-linking mussel adhesive proteins deposited by matrix assisted pulsed laser evaporation,	articol	Applied Surface Science,	10	255	2009	5496-5498	1.37997	UB	Fizica
303	A. Andronie, I. Stamatina	Functionalized polyvinyl alcohol derivatives thin films for controlled drug release and targeting systems: MAPLE deposition and morphological, chemical and in vitro characterization		Applied Surface Science	10	255	2009	5600-5604	1.37997	UB	Fizica
304	A. Andronie, I. Stamatina	Laser processing of polyethylene glycol derivative and block copolymer thin films ,		Applied Surface Science	10	255	2009	5605-5610	1.37997	UB	Fizica
305	Stamatina I.	Polyaniline rod-like structure as self-electrocatalyst for hydrogen oxidation reactions		OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	2	12	2008	876-880	0.31287	UB	Fizica
306	Andronie, A., Iordache, S., Stamatina, S. N., Stamatina, I.,	PANi - TiO ₂ nanostructures for fuel cell and sensor applications,		JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS			2008		0.33626		Fizica
307	Stamatina Ioan	Proton-conducting polymers as electrolyte for fuel cells.		NANO	5	3	2008	381-386	0.79536		Fizica
308	Moroza, Adina, Dumitru, Anca, Nastase, Claudia, Nastase, Florin, Stamatina, Ioan	Development of polymer nanocomposites as electrolyte membranes,	articol	MACROMOLECULAR SYMPOSIA	1	267	2008	129-133	0.913	UB	Fizica

309	I Stamatina	Matrix assisted pulsed laser evaporation of pullulan tailor-made biomaterial thin films for controlled drug delivery systems,	articol	J. Phys.D: Conf. Ser	1	59	2007	144-149	1.81224	UB	Fizica
310	I Stamatina	Thin films growth parameters in MAPLE; application to fibrinogen.	articol	J. Phys D.: Conf. Ser.	1	59	2007	22-27	1.81224	UB	Fizica
311	I. Stamatina, C. Nastase, F. Nastase,	Ceramic composites with improved thermo-mechanical properties	articol	J. Optoelectron. Adv. Mater.	7	9	2007	2056-2062	0.33626	UB	Fizica
312	A. Morozan, I. Stamatina, A. Dumitru	Carbon Electrodes for microbial fuel cells,	articol	JOAM	1	9	2007	221-224	0.33626	UB	Fizica
313	Ioan Stamatina,	Polymer Electrolyte Fuel Cells, Advances in Research and Development.	articol	JOAM	6	9	2007	1597-1605	0.3362	UB	Fizica
314	Ioan Stamatina,	Electrospun Polymers for Controlled Release of Drugs, Vaccine Delivery, and System-on-Fibers.	articol	JOAM	6	9	2007	1506-1613	0.3362	UB	Fizica
315	Ioan Stamatina,	The effect of the nanocarbon structures from laser pyrolysis on microorganisms evolution,	articol	Appl Surf Sci.	19	253	2007	7729-7732	1.37997	UB	Fizica
316	I. Stamatina	Matrix Assisted Pulsed Laser Evaporation of Cinnamate-Pullulan and Tosylate-Pullulan Polysaccharide Derivative Thin Films for Pharmaceutical Applications ,	articol	Applied Surface Science	19	253	2007	7755-7760	1.37997	UB	Fizica
317	I. Stamatina	Matrix Assisted Pulsed Laser Evaporation of Poly(D,L-Lactide) Thin Films for Controlled-Release Drug Systems,	articol	Applied Surface Science,	19	253	2007	7702-7706	1.37997	UB	Fizica
318	I. Stamatina	Polycaprolactone Biopolymer Thin Films Obtained by Matrix Assisted Pulsed Laser Evaporation .	articol	Applied Surface Science	19	253	2007	6476-6479	1.37997	UB	Fizica
319	Anca Dumitru, Ioan Stamatina, Adina Morozan	Si-C-N nanostructured ceramics from inorganic polymer precursors obtained by plasma polymerization.	articol	Mat Sci Eng. C	5-8	27	2007	1331-1337	1.5270	UB	Fizica
320	Ioan Stamatina	On the structure of i-carbon,	articol	Journal of Theoretical and Computational Chemistry	2	5	2006	175-185	0.6550		Fizica
321	Ioan Stamatina,	THE MORPHOLOGY CONTROLL OF POLYANILINE AS CONDUCTING POLYMER IN FUEL CELL TECHNOLOGY,	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS (JOAM)	2	8	2006	670-674	0.33626		Fizica
322	Ioan Stamatina , Adina Morozan , Anca Dumitru, S. Vulpe,	HYBRID MEMBRANES FOR FUEL CELLS BASED ON NANOMETER YSZ AND POLYACRYLONITRILE MATRIX.	articol	Journal of Membrane Science	1-2	277	2006	1-6	2.6420		Fizica
323	S. Vulpe, F. Nastase, Claudia Nastase, Ioan Stamatina	Pan-Pani Nanocomposites Obtained In Thermocentrifugal Fields ,	articol	Thin Solid Films	1-2	495	2006	113-117	1.6320		Fizica
324	I. Stamatina,	Laser Deposition of Cryoglobulin Blood Protein Thin Films by Matrix Assisted Pulsed Laser Evaporation.	articol	Applied Surface Science	13	252	2006	4652-4655	1.37997		Fizica
325	I. Stamatina,	Matrix Assisted Pulsed Laser Evaporation Processing of Triacetate-Pullulan Polysaccharides Thin Films for Drug Delivery Systems.	articol	Applied Surface Science	13	252	2006	4647-4651	1.37997		Fizica
326	Ioan Stamatina C. Berlic,	On The Computer- Aided Modelling Of Analyte-Receptor Interactions For An Efficient Sensor Design.	articol	Thin Solid Films	1-2	495	2006	312-315	1.6320		Fizica
327	Dima M., Lohmann G.	A hemispheric mechanism for the Atlantic Multidecadal Oscillation	Articol	Journal of Climate	20	11	2007	2706-2719	2.86	Universitatea din Bucuresti	Fizica

328	McGregor, H. V., Dima, M., Fischer, H. W., and S. Mulitza	Rapid 20th Century increase in coastal upwelling off northwest Africa	Articol	Science	315	315	2007	637-639	30.94	Universitatea din Bucuresti	Fizica
329	Dima M., Lohmann G.	Conceptual model for millennial climate variability: a possible combined solar-thermohaline circulation origin for the ~1500-year cycle	Articol	Climate Dynamics	32	32	2009	301-311	3.06	Universitatea din Bucuresti	Fizica
330	Felis, T., Suzuki, A., Kuhnert, H., Dima, M., Lohmann, G., and Kawahata, H.	Subtropical coral reveals abrupt early-twentieth-century freshening in the western North Pacific Ocean	Articol	Geology	37	6	2009	527-530	5.07	Universitatea din Bucuresti	Fizica
331	Dima M., Lohmann G.	Evidence for two distinct modes of large-scale ocean circulation changes over the last century	Articol	Journal of Climate	23	23	2010	5 la 16	2.86	Universitatea din Bucuresti	Fizica
332	S. Beslagic, I. Gerlic, S. Kralj, V. Popa-Nita	Phase Behavior and Structure of Weakly Perturbed Liquid Crystals	Articol	Molecular crystal and liquid crystals	449		2006	135-143	0.36041	S. Beslagic, I. Gerlic, S. Kralj – Faculty of Education, Maribor, Slovenia; V. Popa-Nita – Facultatea de fizica, Universitatea Bucuresti	Fizica
333	V. Popa-Nita, S. Kralj	Random anisotropy nematic model: Nematic-non-nematic mixture	Articol	Physical Review E	73		2006	041705-1 041705-8	1.42637	V. Popa-Nita – Facultatea de fizica, Universitatea Bucuresti; S. Kralj – Faculty of Education, Maribor, Slovenia	Fizica
334	V. Popa-Nita, P. van der Schoot, S. Kralj	Influence of a random field on particle fractionation and solidification in liquid-crystal colloid mixtures	Articol	European Physical Journal E	21		2006	189-197	3.29358	Facultatea de fizica, Universitatea Bucuresti; P. van der Schoot Eindhoven University of Technology, The Netherlands; S. Kralj – Faculty of Education, Maribor, Slovenia	Fizica

335	V. Popa-Nita, P. Oswald	Surface tension and capillary waves at the nematic-isotropic interface in ternary mixture of liquid crystal, colloids, and impurities	Articol	The Journal of Chemical Physics	127		2007	104702-1 104702-10	1.48321	V. Popa-Nita – Facultatea de fizica, Universitatea Bucuresti; P. Oswald – Ecole Normale Superieure de Lyon, France	Fizica
336	P. van der Schoot, V. Popa-Nita, S. Kralj	Alignment of Carbon Nanotubes in Nematic Liquid Crystals	Articol	Journal of Physical Chemistry B	112		2008	4512-4518	2.25101	P. van der Schoot - Eindhoven University of Technology, The Netherlands; V. Popa-Nita – Facultatea de fizica, Universitatea Bucuresti; ; S. Kralj – Faculty of Education, Maribor, Slovenia	Fizica
337	S. Kralj, Z. Bradac, V. Popa-Nita	The influence of nanoparticles on the phase and structural ordering for nematic liquid crystals	Articol	Journal of Physics: Condensed Matter	20		2008	244112-1 244112-9	1.75415	S. Kralj, Z. Bradac – Faculty of Natural Science and Mathematics, University of Maribor ,Slovenia V. Popa-Nita – Facultatea de fizica, Universitatea Bucuresti; ; S. Kralj – Faculty of Education, Maribor, Slovenia	Fizica

338	Vlad Popa-Nita, Ivan Gerlic, S. Kralj	The Influence of Disorder on Thermotropic Nematic Liquid Crystal Phase Behavior	Articol	International Journal of Molecular Sciences	10		2009	3971-4008	0.84699	V. Popa-Nita – Facultatea de fizica, Universitatea Bucuresti; Ivan Gerlic, S. Kralj Faculty of Natural Science and Mathematics, University of Maribor ,Slovenia	Fizica
339	Vlad Popa-Nita, S. Kralj	Liquid crystal-carbon nanotubes mixtures	Articol	The Journal of Chemical Physics	132		2009	024902-1 024902-8	1.48321	V. Popa-Nita – Facultatea de fizica, Universitatea Bucuresti; S. Kralj Faculty of Natural Science and Mathematics, University of Maribor ,Slovenia	Fizica

C1.1. Lucrari indexate ISI Web of Knowledge

Lista lucrarilor publicate in reviste fara factor de impact calculat (Science si Social Science)

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul volumului	Anul publicarii	Paginile	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	D. Stoica, C. Miron, A. Jipa	The conceptual map-teaching strategy used in physics classes	Proceedings paper	INTED2010 Proceedings			2010	5338-5348	Universitatea din Bucuresti	
2	D. Stoica, C. Miron, A. Jipa	The experiment - scientific investigation method with an educational purpose in teaching high school physics	Proceedings paper	INTED2010 Proceedings			2010	5349-5358	Universitatea din Bucuresti	
1	Morozan A, Dumitru A, Nastase C, Nastase F, Stamatina I	Development of polymer nanocomposites as electrolyte membranes	Proceedings Paper	MACROMOLECULAR SYMPOSIA	267		2008	129-133	Univ Bucharest, NanoSAE Res Ctr 3, Bucharest 077125, Romania	fizica

2	Sava BA.1 , Diaconu A.1 , Ursu LD.1 , Boroica L.1 , Elisa M .2, Grigorescu C.2 , Vasiliu C.2 , Stamatin I .3, Nastase F.3, Nastase C .3, Dumitru A .3	Ecological silicate glasses	Proceedings Paper	ADVANCED MATERIALS RESEARCH	39-40		2008	667-670	1. Natl Inst Glass, Bucharest 032258, Romania;2. Natl Inst Optoelect INOE 2000, Dept Optospintron, RO-77125 Com Magurele, Romania; 3. Univ Bucharest, NanoSAE Res Ctr 3, Bucharest 077125, Romania	fizica
3	Morozan A.1 , Nastase F.1 , Dumitru A.1 , Nastase C.1 , Vulpe S.1 , Filipescu M .2	Plasma processing of polypyrrole- heparin thin films on titanium substrates for biomedical applications	Proceedings Paper	PHYSICA STATUS SOLIDI C - CURRENT TOPICS IN SOLID STATE PHYSICS	6	10	2009	2195-2198	1.Univ Bucharest, Polymer Sci Grp, Bucharest 077125, Romania; 2. Natl Inst Lasers Plasma &	fizica

C1.1. Lucrari indexate ISI Web of Knowledge

Lista lucrarilor publicate in reviste din Arts and Humanities

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul Volumului	Anul Publicarii	Paginile	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
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C1.1. Lucrari indexate ISI Web of Knowledge

Lista lucrarilor publicate in volume ale conferintelor indexate (ISI Proceedings)

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele Conferintei indexate	Numele volumului	Anul publicarii	Paginile	Afilierea institutionala a autorului/ autorilor	Locul in care a fost organizata Conferinta (i.e. oras, tara, perioada)	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	A. Haungs, .. O. Sima...	The Air-Shower Experiment KASCADE-Grande		15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	80-85	Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica
2	J. Zabierowski... O. Sima	Hadronic interactions and EAS muon pseudorapidities investigated with the Muon Tracking Detector in KASCADE-Grande	Proc. Paper	15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	114-117	Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica
3	J.C. Arteaga Velazquez, ...O. Sima...	The Constant Intensity Cut Method applied to the KASCADE-Grande muon data	Proc. Paper	15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	183-186	Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica
4	I.M. Brancus, ... O. Sima ...	WILLI - EAS - a detection system for investigating the moon charge ratio in Extensive Air Showers	Proc. Paper	15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	227-230	Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica
5	J. Horandel ... O. Sima ...	Test of the hadronic interaction model EPOS with KASCADE air shower data	Proc. Paper	15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	235-238	Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica
6	G. Toma, ... O. Sima, ...	Investigation of the S(500) distribution for large air showers detected with the KASCADE-Grande array	Proc. Paper	15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	247-250	Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica

7	A. Haungs, ... O. Sima, ...	Recent results of the LOPES experiment	Proc. Paper	15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	297-300	Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica
8	O. Sima, ...	Asymmetries of lateral distributions of EAS particles	Proc. Paper	15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	301-304	Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica
9	P. Doll, ... O. Sima, ...	Muon Production Height investigated by the Air-Shower Experiment KASCADE-Grande	Proc. Paper	15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	305-308	Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica
10	C. Morariu, ... O. Sima, ...	The muon charge ratio in cosmic ray air showers	Proc. Paper	15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	414-417	Morariu, Manailescu, Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica
11	B. Mitrica, ... O. Sima, ...	Investigation of cosmic ray muons with the WILLI detector compared with the predictions of theoretical models and with semi-analytical formulae	Proc. Paper	15th International Symposium on Very High Energy Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 196	2009	462-465	Sima Univ. Buc	Paris, FRANCE, SEP 01-06, 2008	Fizica
12	K.H. Kampert, ... O. Sima, ...	Recent Results from KASCADE-Grande and LOPES	Proc. Paper	Cosmic Ray International Seminar	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 190	2009	213-222	Sima Univ. Buc	Malfa, ITALY SEP 15-19, 2008	Fizica
13	I.M. Brancus, ... O. Sima ...	scintillator detector setup for studies of the zenith and azimuth variation of charge ratio and flux of atmospheric muons	Proc. Paper	14th International Symposium on Very High Energy Cosmic Ray Interactions	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS 175	2008	370-373	Sima Univ. Buc	Weihai, CHINA, AUG 15-22, 2006	Fizica

14	M. Toma, ... O. Sima, ..	Characterization Studies of Radioactive Waste Drums Using High Resolution Gamma Spectrometric Systems	Proc. Paper	7th International Conference of the Balkan- Physical-Union	AIP CONF PROC 1203	2009	35-39	Sima Univ. Buc	Alexandroupolis, GREECE, SEP 09-13, 2009	Fizica
15	G. Toma, ... O. Sima, ...	Primary Energy Spectrum as Reconstructed from S(500) Measurements by KASCADE- Grande	Proc. Paper	7th International Conference of the Balkan- Physical-Union	AIP CONF PROC 1203	2009	145-150	Sima Univ. Buc	Alexandroupolis, GREECE, SEP 09-13, 2009	Fizica
16	A. Horneffer, ... O. Sima, ...	Detecting Radio Pulses from Air Showers	Proc. Paper	2008 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE	IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (2008 NSS/MIC), VOLS 1-9	2009	2614-2621	Sima Univ. Buc	Dresden, GERMANY OCT 19-25, 2008	Fizica
17	V. de Souza, ... O. Sima, ...	The KASCADE- Grande Experiment	Proc. Paper	3rd School on Cosmic Rays and Astrophysics	AIP CONF PROC 1123	2009	211-216	Sima Univ. Buc	Arequipa, PERU, AUG 25-SEP 05, 2008	Fizica
18	O. Sima	Monte Carlo solutions for selected problems in gamma-ray spectrometry and nuclear activation analysis	Proc. Paper	International Workshop on Proficiency Testing in Applications of the Ionizing Radiation and Nuclear Analytical Techniques in Industry, Medicine, and Environment	AIP CONF PROC 1036	2008	131-140	Sima Univ. Buc	Bucharest, ROMANIA, OCT 06-09, 2007	Fizica
19	H. Rebel, O. Sima	The muon charge ratio in cosmic ray air showers	Proc. Paper	EXOTIC NUCLEI AND NUCLEAR /PARTICLE ASTROPHYSICS (II)	AIP CONF PROC 972	2008	338-346	Sima Univ. Buc	Sinaia, ROMANIA, AUG 20-31, 2007	Fizica

20	B. Mitrica, ... O. Sima, ...	Measurements of cosmic ray muons performed with WILLI detector - Status and perspectives	Proc. Paper	6th International Conference of the Balkan-Physical-Union	AIP CONF PROC 899	2007	131-132	Sima Univ. Buc	Istanbul, TURKEY, AUG 22-26, 2006	Fizica
21	J. Blumer, ... O. Sima, ...	Air Shower Radio Detection with LOPES -	Proc. Paper	TAUP2007: TENTH INTERNATIONAL CONFERENCE ON TOPICS IN ASTROPARTICLE AND UNDERGROUND PHYSICS	J PHYS CONF SER 120	2008	art 062012	Sima Univ. Buc	Sendai, JAPAN, SEP 11-15, 2007	Fizica
22	J. Blumer, ... O. Sima, ...	The KASCADE-Grande Experiment	Proc. Paper	TAUP2007: TENTH INTERNATIONAL CONFERENCE ON TOPICS IN ASTROPARTICLE AND UNDERGROUND PHYSICS	J PHYS CONF SER 120	2008	art 062026	Sima Univ. Buc	Sendai, JAPAN, SEP 11-15, 2007	Fizica
23	Lazanu I(1/2)	Some contributions to the understanding of the puzzle of physical processes of degradation in irradiated silicon	Proc. Paper	CAS 2007	CAS 2007 INTERNATIONAL SEMICONDUCTOR CONFERENCE, VOLS 1 AND 2, PROCEEDINGS	2007	319-322	Univ Bucharest, Fac Phys, Bucharest, Romania	Sinaia, ROMANIA, oct. 2007	Fizica
24	Mitrica B , Margineanu R , Stoica S, Petcu M, Brancus IM, Jipa A,Lazanu I, Sima O, Haungs A, Rebel H, Petre M , Toma G , Saftoiu A, Apostu A	Estimation of m.w.e (meter water equivalent) depth of the salt mine of Slanic Prahova, Romania	Proc. Paper	Carpathian Summer School of Physics Conference, JUN 20-JUL 03, 2010	AIP Conference Proceedings	2010	331-335	IFIN-HH, UB	Sinaia, ROMANIA	Fizica

25	Morozan, Adina, Dumitru, Anca, Nastase, Claudia, Nastase, Florin, Stamatin, Ioan	Development of polymer nanocomposites as electrolyte membranes,	articol	46th Microsymposium on Macromolecules - Nanostructured Polymers and Polymer Nanocomposite	267	2008	129-133	UB	Prague, CZECH REPUBLIC, JUL 08-AUG 12, 2007	Fizica
26	Stamatin I	Nanobiomaterials for controlled release of drugs and vaccine delivery	articol	MRS Spring Meeting, Smart Nanotextiles		2006	143-148	UB	APR 18-19, 2006 San Francisco	Fizica
27	I Stamatin	Matrix assisted pulsed laser evaporation of pullulan tailor-made biomaterial thin films for controlled drug delivery systems,	articol	COLA'05: 8TH INTERNATIONAL CONFERENCE ON LASER ABLATION	59	2007	22-27	UB	8th International Conference on Laser Ablation, SEP 11-16, 2005 Banff, CANADA	Fizica
28	I Stamatin	Thin films growth parameters in MAPLE; application to fibrinogen	articol	COLA'05: 8TH INTERNATIONAL CONFERENCE ON LASER ABLATION	59	2007	144-149	UB	8th International Conference on Laser Ablation, SEP 11-16, 2005 Banff, CANADA	Fizica

C1.2. Articole indexate BDI

Lista articolelor publicate in reviste din strainatate indexate BDI sau in reviste categoria B+ (CNCSIS)

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Numele revistei	Numarul volumului	Anul publicarii	Paginile	Afilierea institutionala a autorului/ autorilor	Numele bazei de date	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	M. Zorant and S. Stefan*	Significance of landcover biophysical parameters derived from remote sensing data for environmental studies	AIP Conf. Proc.	899	2007	753	Univ. Bucuresti		fizica
2	Nemuc, Anca; Stefan, Sabina; Talianu, Camelia L.	Influence of urban aerosol pollution to radiative forcing - art. no. 674521	Remote Sensing of Clouds and the Atmosphere XII Proceedings of the SPIE,	6745	2007	674521	Univ. Bucuresti		fizica
3	Carmen Silvia Neamtu; Sabina Stefan; Adriana Bors;	Transfer and translocation of organochlorine pesticide residues in water-soil-crops in an agricultural area	International Journal of Environment and Waste Management	5, 1/2	2010	114 - 124	Univ. Bucuresti		fizica

C1.3. Articole indexate BDI***Lista articolelor publicate in reviste de specialitate nationale recunoscute CNCSIS (categoria B)***

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Tipul lucrarii (e.g. articol)	Numele revistei	Numarul revistei	Numarul Volum	Anul publicarii	Paginile	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
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C1.4. Carti la edituri internationale***Lista cartilor, de unic autor sau coordonate, publicate la edituri internationale***

Nr.	Numele autorului/autorilor	Titlul lucrarii	Anul publicarii	Editura	Orasul	Tara	Afilierea institutionala a autorului/autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
2	Vlad Popa-Nita	Phase transitions. Applications in liquid crystals, organic electronic and optoelectronic fields	2006	Research Signpost		INDIA	Facultatea de fizica, Universitatea Bucuresti	Fizica

C1.5. Carti la edituri CNCISIS

Lista cartilor, de unic autor sau coordonate, publicate la edituri CNCISIS

Nr.	Numele autorului/autorilor	Titlul lucrării	Anul publicării	Editura	Orasul	Afilierea institutionala a autorului/autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	L. Constantinescu, C. Berlic, V. Barna,	Fizico-chimia polimerilor. Aplicații	2006	Editura Universității din București	Bucuresti	Universitatea din Bucuresti, Facultatea de Fizica	Fizica
2	Valeriu Filip	Introductory Thermal Physics	2006	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
3	Miron Cristina	Didactica fizicii – Note de curs	2008	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti, Facultatea de Fizica	Fizica
4	C. Ciucu, C. Miron, V. Barna	Lucrări practice – Mecanică Fizică și Acustică (I)	2009	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti, Facultatea de Fizica	Fizica
5	E. Barna, C. Ciucu, V. Barna, C. Miron, C. Berlic	Lucrări practice – Mecanică Fizică și Acustică (II)	2010	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti, Facultatea de Fizica	Fizica
6	I Stamatina	Metode de analiza fizico-structurale. I. spectrometrie de masa.	2008	UB	Bucuresti	UB	Fizica
7	I Stamatina	Nanomateriale : aplicatii in bioenzori, surse de energie, medicina, biologie. Elemente de nanotehnologie	2008	UB	Bucuresti	UB	Fizica
8	Dima, M, Stefan, S.	Fizica Schimbarilor Climatice	2008	Ars Docendi	Bucuresti	Universitatea din Bucuresti	Fizica
9	Octavian G. Dului	Aplicatiile radiatiilor nucleare	1993	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
10	T. Angelescu, M. Bercu, A.Constantinescu, O.G. Dului, A.C. Ion, R. Ion - Mihai, A. Jipa, A. Mester, C. Nistor, O. Sima, A. Tudora, V.V.. Grecu	Probleme de Fizica Nucleara	1995	Editura All	Bucuresti	Universitatea din Bucuresti	Fizica
11	Elena Borca, Octavian G. Dului	Aplicatiile radiatiilor nucleare - exemple practice	1997	Editura Tehnica	Bucuresti	Universitatea din Bucuresti	Fizica
12	A. Belea, A. Dafinei, O.G. Dului, C.A. Stanescu	Fizica - manual pentru clasa a Xa	2000	Editura All	Bucuresti	Universitatea din Bucuresti	Fizica

13	T. Angelescu, O.G.. Dului, I. Haranguș, M. Oncescu, M. Popa	144 probleme rezolvate de dozimetrie si radioprotectie	2002	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
14	T. Angelescu, S. Bercea, O.G.. Dului, I. Haranguș, M. Oncescu, M. Popa	177 probleme rezolvate de dozimetrie si radioprotectie	2005	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
15	O.G. Dului	Structura materiei	2007	Editura pentru Educatia Rurala	Bucuresti	Universitatea din Bucuresti	Fizica
16	N. Anastasiu, O.Dului	Mineralogie si geodiversitate	2009	Editura Academie + Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica
17	Octavian G. Dului	Dozimetrie si radioprotectie	2010	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Fizica

C1.6. Capitle de carti la edituri internationale

Lista capitolelor de carte publicate la edituri internationale

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Titlul capitolului	Anul publicarii	Editura	Orasul	Tara	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	Vlad Popa-Nita	Phase transitions. Applications in liquid crystals, organic electronic and optoelectronic fields		2006	Research Signpost		India	V. Popa-Nita – Facultatea de fizica, Universitatea Bucuresti;	Fizica
2	S. Kralj, Vlad Popa-Nita, M. Svetec	Random anisotropy liquid crystal model		2006	Research Signpost		India	S. Kralj, M. Svetec - Faculty of Natural Science and Mathematics, University of Maribor ,Slovenia V. Popa-Nita – Facultatea de fizica, Universitatea Bucuresti	
3	V. Popa-Nita, T. J. Sluckin	Waves at the nematic-isotropic interface: nematic-non-nematic and polymer-nematic mixtures		2007	Springler		Olanda	V. Popa-Nita – Facultatea de fizica, Universitatea Bucuresti; T. J. Sluckin – University of Southampton, United Kingdom	Fizica
4	B. Rozic, M. Jagodic, S. Gyergyec, G. Lahaknar, V. Popa-Nita, Z. JAglicic, M. Drogenik, Z. Kutnyac, S. Kralj		Phase ordering in mixture of liquid crystals and nanoparticles	2010	Springler		Olanda	: B. Rozic, M. Jagodic, S. Gyergyec, G. Lahaknar, Z. JAglicic, M. Drogenik, Z. Kutnyac, S. Kralj – Faculty of Natural sciences and Mathematics, Maribor, Slovenia V. Popa-Nita – Facultatea de fizica, Universitatea Bucurest	Fizica
5	Strangi G., Barna V., De Luca A., Ferjani S., Versace C	Liquid Crystal Microlasers - Random Lasing in Liquid Crystals		2010	Transworld Research Network		INDIA	Facultatea De Fizica - UNIBUC, University of Calabria-Italy	Fizica

C1.7. Capitole de carti la edituri CNCSIS***Lista capitolelor de carte publicate la edituri nationale recunoscute de CNCSIS***

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Titlul capitolului	Anul publicarii	Editura	Orasul	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate aceste date
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