

**C1.1. Lucrari indexate ISI Web of Knowledge**

***Lista lucrarilor publicate in reviste cu factor de impact calculat si scorul relativ de influenta cumulat (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	Scorul relativ de influenta cumulat	Afilierea institutionala a autorului/ autorilor	Domeniul de ierarhizare pentru care au fost raportate datele
1	V.David, E.E.Iorgulescu, A.Medvedovici	Extrapolation by multiple regressions of the retention parameters for several aromatic hydrocarbons in reversed-phase liquid chromatography	articol	Revue Roumaine de Chimie	7	51	2006	803-809	0.12983	Universitatea din Bucuresti	Chimie
2	V.David, C.Mihailciuc	Characterization of multi-signal analytical outcome by means of the information entropy and energy	articol	Revue Roumaine de Chimie	4	51	2006	317-322	0.12983	Universitatea din Bucuresti	Chimie
3	I.Gh. Tănase, D.E. Anghel, M.Buleandră	Trasabilitatea in masurarea chimica. 1. Definitii. Documente de referinta. Elemente si principii	articol	Revista de Chimie	10	57	2006	p. 4-7	0.09274	Universitatea din Bucuresti	Chimie

4	I.Gh. Tănase	Studiul comportării electrochimice a unui nou material electroactiv K <sub>2</sub> [Pt(SCN) <sub>6</sub> ], utilizat la realizarea E.I.S. pentru oxitetraciclină	articol	Revista de Chimie	10	57	2006	1073-1075	0.09274	Universitatea din Bucuresti	Chimie
5	I.Gh.Tanase	Step-by-step methodology to achieve a solvent management system	articol	Revista de Chimie	9	57	2006	988-995	0.09274	Universitatea din Bucuresti	Chimie
6	V. Tudor, A. Gheorghe	Combinatii complexe ale Co(II) cu hidrazina si sulfonamide	articol	Revista de Chimie	2	51	2006	175-179	0.09274	Universitatea din Bucuresti	Chimie
7	A.I.Stoica	Voltammetric determination of Selected Aminoquinolines using Carbon Paste electrode	articol	Electroanalysis	2	18	2006	158-162	1.25331	Universitatea din Bucuresti	Chimie
8	A.I.Stoica	Determination of some microelements in Romanian wines	articol	Revista de Chimie	3	57	2006	239-244	0.09274	Universitatea din Bucuresti	Chimie
9	Z.Moldovan	Study on fluorimetric properties of 1,2-dihydro-2,2,4-trimethyl-quinoline	articol	J. Iranian Chem. Soc.	4	3	2006	305-311	0.15765	Universitatea din Bucuresti	Chimie
10	Z.Moldovan	Simultaneous estimation of some polymer additives by spectrometric method	articol	Revue Roumaine de Chimie	5	51	2006	455-461	0.12983	Universitatea din Bucuresti	Chimie

11	B. Bucur, A.F. Danet,	Biosensors Based on Highly Sensitive Acetylcholinesterase for Enhanced Carbamate Insecticides Detection	articol	Anal. Chim. Acta,	1	562	2006	115-121	1.73957	Universitatea din Bucuresti	Chimie
12	A. F. Danet, M. Dondo	Polymer films doped with colorants as oxygen sensitive materials	articol	J. Optoelectro n. Adv. M	2	8	2006	682-686	0.33626	Universitatea din Bucuresti	Chimie
13	M.P. Bucur, A.F. Danet,	Ameliorarea limitelor de detectie ale biosenzorilor bazati pe acetilcolinesteraza prin utilizarea unei enzime extrase din Drosophila melanogaster	articol	Revista de Chimie	8	57	2006	785-789	0.09274	Universitatea din Bucuresti	Chimie
14	A. Arvinte, A. M. Gurban, L. Rotariu, C. Bala	Dehydrogenases-based biosensors used in wine monitoring	articol	Revista de Chimie	9	57	2006	919-922	0.09274	Universitatea din Bucuresti	Chimie
15	Vladescu, L., Badea, I. A., Patrichi, A.	Simultaneous a of Vitamin E and Vitamin H1 by first derivative spectrometry in an ointment Preparation	articol	Revue Roumaine de Chimie	5	51	2006	439-445	0.12983	Universitatea din Bucuresti	Chimie
16	Badea, I.A.	Studies on the tautomeric benzotriazolium ylide equilibrium	articol	CROATICA CHEMICA ACTA	4	79	2006	553-558	0.83462	Universitatea din Bucuresti	Chimie
17	Vladescu, L., Badea, I., Costache, M	New Chelate forming sorbents based on wool loaded with organic reagents	articol	Revista de Chimie	7	57	2006	665-668	0.09274	Universitatea din Bucuresti	Chimie

18	L. Mutihac	11-Aminoundecanoic acid, cyclodextrins and cucurbit[n]urils (n=6, 7) as building blocks for supramolecular assemblies. A thermodynamic study	articol	J.Incl.Pheno mena	3	56	2006	363-368	0.95209	Universitatea din Bucuresti	Chimie
19	L. Mutihac, C. Baltariu, A. Hotaranu, R. Mutihac	Liquid membrane involved in biological compounds separation	articol	Revue Roumaine de Chimie	11	51	2006	1041-1046	0.12983	Universitatea din Bucuresti	Chimie
20	R. D. Baratoiu, A. E. Barbu, L. Mutihac,	4-(3-(Phtalhidrazide)azo) N-phenylaza-15-crown-5. Synthesis and Properties	articol	Revista de Chimie	4	57	2006	261-267	0.09274	Universitatea din Bucuresti	Chimie
21	L. Mutihac	Obtaining and characterization of cyclical octamers within the calixarenes class. II. The calix[8] arene-p-octasulphonic acids	articol	Revista de Chimie	5	57	2006	463-465	0.09274	Universitatea din Bucuresti	Chimie
22	R. Gheorghe, P. Cucos, M. Andruh	Oligonuclear 3d-4f complexes as tectons in designing supramolecular solid-state architectures.	articol	CHEMISTRY- A EUROPEAN JOURNAL	1	12	2006	187-203	4.92736	Universitatea din Bucuresti	Chimie

23	D. Visinescu, M. Andruh	A new synthetic route towards heterotrimetallic complexes. Synthesis, crystal structure and magnetic properties of a [CuIIMnIICrIII] trinuclear complex.	articol	INORGANICA CHIMICA ACTA	2	359	2006	433-440	1.05993	Universitatea din Bucuresti	Chimie
24	A. M. Madalan, M. Andruh	Chemistry at the apical position of square-pyramidal copper(II) complexes: synthesis, crystal structures, and magnetic properties of homopolynuclear complexes with azido bridges containing [Cu(AA)(BB)] <sup>+</sup> moieties (AA = acetylacetonate; BB = 1,10-phenanthroline, bipy = 2,2'-bipyridine).	articol	INORGANICA CHIMICA ACTA	2	359	2006	459-467	1.05993	Universitatea din Bucuresti	Chimie
25	A. Cucos, M. Andruh	Reinecke anion derivatives and homobinuclear complexes as tectons in designing heteropolymetallic systems.	articol	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	5		2006	903-907	1.64042	Universitatea din Bucuresti	Chimie
26	A. M. Madalan, M. Andruh	Metal complexes as second-sphere ligands.	articol	NEW JOURNAL OF CHEMISTRY	4	30	2006	521-523	2.34621	Universitatea din Bucuresti	Chimie

27	R. Gheorghe, M. Andruh	An original 1D Cu-Co heterometallic compound: Synthesis, structure and magnetic properties	articol	NEW JOURNAL OF CHEMISTRY	4	30	2006	572-576	2.34621	Universitatea din Bucuresti	Chimie
28	G. Marin, V. Tudor, M. Andruh	Coordination polymers constructed from alkoxo-bridged nodes and exo-bidentate ligands	articol	JOURNAL OF MOLECULAR STRUCTURE	1-3	796	2006	123-128	0.59372	Universitatea din Bucuresti	Chimie
29	C. Paraschiv, M. Andruh	Trinuclear magnetic clusters based on cyanide metal complexes: Synthesis, crystal structures, and magnetic properties of four new $[Mn^II_2M^III]$ complexes (M = Cr, Fe, Co).	articol	JOURNAL OF MATERIALS CHEMISTRY	26	16	2006	2660-2668	3.17431	Universitatea din Bucuresti	Chimie
30	A. M. Madalan, M. Andruh	Rational design of supramolecular grid-like layers and zigzag chains through a unique interplay of $d^{10}$ - $d^{10}$ and p-p stacking interactions	articol	CRYSTAL GROWTH & DESIGN	7	6	2006	1671-1675	3.08192	Universitatea din Bucuresti	Chimie

31	P. Cucos, M. Pascu, M. Andruh	A heterotopic helicand for designing heterometallic helicates.	articol	INORGANIC CHEMISTRY	18	45	2006	7035-7037	2.39483	Universitatea din Bucuresti	Chimie
32	V. Tudor, G. Marin, M. Andruh	Supramolecular copper(II) dimers resulted from hydrogen-bond interactions: synthesis, crystal structures and magnetic properties.	articol	REVUE ROUMAINE DE CHIMIE	5	51	2006	367-371	0.12983	Universitatea din Bucuresti	Chimie
33	R. Gheorghe, M. Andruh	A new 1-D hydrogen bond polymer constructed from a trinuclear 3d-4f tecton and 4,4'-bipyridine-N,N'-dioxide.	articol	REVUE ROUMAINE DE CHIMIE	6	51	2006	491-495	0.12983	Universitatea din Bucuresti	Chimie
34	R. Olar, M. Badea, E. Cristurean, C. Vasile	Thermal behaviour of new N,N-dimethylbiguanide complexes	articol	JOURNAL OF THERMAL ANALYSIS AND	84	1	2006	53-58	0.45575	Universitatea din Bucuresti	Chimie
35	M. Badea, R. Olar, D. Marinescu, G. Vasile	Thermal behavior of some new complexes bearing ligands with polymerisable	articol	JOURNAL OF THERMAL ANALYSIS AND	85	2	2006	285-288	0.45575	Universitatea din Bucuresti	Chimie
36	C. Parnau, R. Olar, M. Badea, A. Kriza	Thermal behavior of some new isatin complexes	articol	JOURNAL OF THERMAL ANALYSIS AND	86	1	2006	217-221	0.45575	Universitatea din Bucuresti	Chimie
37	A. Emandi, M. Badea, R. Olar	The effect of Er(III) on the thermal behavior of azo (-N=N-) and azomethynic (-CH=N-) chromophores	articol	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	84	3	2006	601-605	0.45575	Universitatea din Bucuresti	Chimie

38	Ferbinteanu, M.	A binuclear Fe(III)Dy(III) single molecule magnet. Quantum effects and models	articol	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	128	28	2006	9008-9009	8.36167	Universitatea din Bucuresti	Chimie
39	Ferbinteanu, M.	Conformation-controlled luminescent properties of lanthanide clusters containing p-tert-butylsulfonycalix[4]arene	articol	INORGANIC CHEMISTRY	45	13	2006	4880-4882	2.39483	Universitatea din Bucuresti	Chimie
40	M. Calinescu, E. Ion, A. Emandi	Magnetic, optical and biological studies on	articol	REVISTA DE CHIMIE	57	12	2006	1258-1261	0.09274	Universitatea din Bucuresti	Chimie
41	V. Cîrcu	Orthometallated palladium(II) imine complexes as	articol	JOURNAL OF MATERIALS	16	44	2006	4316 - 4325	3.17431	Universitatea din Bucuresti	Chimie
42	M. Ilis, T. Rosu, V. Cîrcu	Combinatii complexe cu derivati de tip N-	articol	REVISTA DE CHIMIE	57	12	2006	1216-1220	0.09274	Universitatea din Bucuresti	Chimie
43	T. Rosu, S. Pasculescu, V. Lazar, C. Chifiriuc, R. Cernat	Copper(II) Complexes with Ligands Derived from 4-Amino-2,3-Dimethyl-1-phenyl-3-pyrazolin-5-one:	articol	MOLECULES	11		2006	904-914	0.66247	Universitatea din Bucuresti	Chimie



44	Rosu T.	Coordination Compounds of Cobalt, Nickel, Copper and Zinc with Thiosemicarbazone and 3-Phenylpropenal Semicarbazone	articol	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	76	7	2006	1100-1105	0.25348	Universitatea din Bucuresti	Chimie
45	Tudor Rosu, Maria Negoiu, Viorel Circu	Mixed-ligand complexes. Ternary Cu(II) complexes with amino acids	articol	REVUE ROUMAINE DE CHIMIE	51	5	2006	391-396	0.12983	Universitatea din Bucuresti	Chimie
46	M. Andruh, M. Brezeanu	Mixed ligand complexes of iron(II), iron(III) and cobalt(II) with pyrazolonic and pyridine ligands	articol	REVUE ROUMAINE DE CHIMIE	1	51	2006	13-17	0.12983	Universitatea din Bucuresti	Chimie
47	A. Emandi	Spectral studies of some Ni(II), Pd(II), Cu(II) azo-dye complexes in a polymeric matrix of polyvinyl alcohol	articol	REVISTA DE CHIMIE	57	11	2006	1098-1104	0.09274	Universitatea din Bucuresti	Chimie
48	T. Rosu	New Crystal Forms of tris(2-amino-ethanolato - O,N)cobalt(III):Structures and Properties	articol	Russian Journal of Coordination Chemistry (Koordinationnaya Khimiya,)	32	11	2006	874-880	0.34078	Universitatea din Bucuresti	Chimie
49	Farcasanu IC, Paraschivescu C, Oprea E, Baciui I	Ethanol extracts of Lonicera caerulea and Sambucus nigra berries exhibit antifungal properties upon heat-stressed Saccharomyces cerevisiae cells	articol	Rev Chem	1	57	2006	79-81	0.09274	Universitatea din Bucuresti	Chimie

50	Zalaru F, Zalaru C, Contineanu M	Coordination compounds of Cu(II), Ni(II), Zn(II) with 1-(2-methyl-phenyl)-pyrazole-3,4-dicarboxylic acid	articol	rev Roum Chem	11	51	2006	1053	0.12983	Universitatea din Bucuresti	Chimie
51	Angelescu E, Pavel OD, Zavoianu R	Solid base catalysts obtained from hydrotalcite precursors, for Knoevenagel synthesis of cinamic acid and coumarin derivatives	articol	Applied Catalysis A: General		308	2006	13-18	1.76502	Universitatea din Bucuresti	Chimie
52	Parvulescu AN, Gagea BC, Parvulescu VI	Acylation of alcohols and activated aromatic compounds on silica embedded triflate catalysts	articol	Applied Catalysis A: General	1	301	2006	133-137	1.76502	Universitatea din Bucuresti	Chimie
53	Florea M, Parvulescu VI,	High surface Mo-V-Nb-Te-O catalysts: preparation, characterization and catalytic behaviour in ammoxidation of propane	articol	Catal. Today		112	2006	139-142	2.98765	Universitatea din Bucuresti	Chimie
54	Parvulescu VI	Characterization and catalytic hydrogenation behavior of SiO <sub>2</sub> -embedded nanoscopic Pd, Au and Pd-Au alloy colloids	articol	Chem., Eur. J.	8	12	2006	2343-2357	4.92736	Universitatea din Bucuresti	Chimie
55	Cimpeanu V, Parvulescu VI	Thioethers oxidation on dispersed Ta-silica mesoporous catalysts in ionic liquids	articol	Catal. Today		117	2006	126-132	2.98765	Universitatea din Bucuresti	Chimie

56	Alifanti M, Florea M, Parvulescu VI	In Situ Structural Changes During Toluene Complete Oxidation on Supported EuCoO <sub>3</sub> Monitored with <sup>151</sup> Eu Mössbauer Spectroscopy	articol	Catal. Today		117	2006	329-336	2.98765	Universitatea din Bucuresti	Chimie
57	Paun C, Parvulescu VI	Toluene oxidation in a plasma-catalytic system	articol	J. Appl. Phys.	12	99	2006	123301	1.85021	Universitatea din Bucuresti	Chimie
58	Cojocaru B, Mandache I, Parvulescu VI	Hydrotalcites Compositio as Catalysts: Preparation and their behavior on epoxidation of two bicycloalkenes	articol	Micropor. & I	1	95	2006	39-47	2.38052	Universitatea din Bucuresti	Chimie
59	Parvulescu VI, Visinescu C, Parvulescu V	Comparative photocatalytic behavior of Ta catalysts prepared by DC-sputtering, sol-gel and grafting in acetone degradation	articol	Catal. Today	3	118	2006	433-439	2.98765	Universitatea din Bucuresti	Chimie
60	Parvulescu AN, Gagea BC, Parvulescu VI	Acylation of 2-methoxynaphtalene with acetic anhydride over silica-embedded triflate catalysts	articol	Appl. Catal. A: General		306	2006	159-164	1.76502	Universitatea din Bucuresti	Chimie
61	Parvulescu VI, Gagea BC	Photoluminescence Response of Terbium-Exchanged MFI-Type Materials to Si/Al Ratio, Texture and Hydration State	articol	J. Phys. Chem	51	110	2006	25707-25715	2.25101	Universitatea din Bucuresti	Chimie

62	Florea M , Parvulescu VI	Preparation of Mo-V-Te-Nb mixed oxides using the template route	articol	Stud. Surf. Sci. Catal.		162	2006	769-776	1.26829	Universitatea din Bucuresti	Chimie
63	Florea M	Understanding the role of nitridation in butan-1-ol and butan-2-ol dehydration mechanisms over oxynitrides	articol	Catal. Today	2	116	2006	216-225	2.98765	Universitatea din Bucuresti	Chimie
64	Visinescu C, Parvulescu VI	Photocatalytic degradation of acetone on ZnO-doped TiO2 films prepared by sputtering	articol	Rev.Roum.Ch	7	51	2006	827-833	0.12983	Universitatea din Bucuresti	Chimie
65	Zavoianu R	Oxidative dehydrogenation of i-butane over nanostructured silica-supported NiMoO4 catalysts with low content of active phase	articol	Applied Catalysis A: General		298	2006	40-49	1.76502	Universitatea din Bucuresti	Chimie
66	Florea M	Effect of nitridation on the V-structure in VAIO(N) powder catalysts, used for the catalytic ammoxidation of propane	articol	Catal. Today	3	118	2006	344-352	2.98765	Universitatea din Bucuresti	Chimie
67	Tudorache M	Evaluation of progesterone content in saliva using magnetic-particle based immuno supported liquid membrane assay (m-ISLMA)	articol	Biosensors & Bioelectronics	2	22	2006	241-246	2.51679	Universitatea din Bucuresti	Chimie

68	Fleschin S	Spectrophotometric Analysis of Chromium (Tris) Picolinate and its Pharmaceutical Formulations	articol	ANALYTICAL LETTERS	7	39	2006	1401-1410	0.53713	Universitatea din Bucuresti	Chimie
69	Paraschivescu C, Oprea E, Baci I, Farcasanu IC	Electroforeza proteinelor, o importanta metoda în diagnosticul de laborator clinic	articol	Rev Chim	3	57	2006	308-311	0.09274	Universitatea din Bucuresti	Chimie
70	Sarbu A, Udrea I	Fibres acryliques biocides - Biocide acrylic febres	articol	REVUE ROUMAINE DE CHIMIE	10	51	2006	1025-1030	<b>0.12983</b>	Universitatea din Bucuresti	Chimie
71	Udrea I	"Host-Guest" supramolecular systems (encapsulated porphyrins in macronets) with biomedical applications	articol	REVISTA DE CHIMIE	8	57	2006	886-889	<b>0.09274</b>	Universitatea din Bucuresti	Chimie
72	Badea IA, Cercasov C, Ruja A	Development and validation of a second derivative spectrometric method for the determination of mercury (II) using 3,4,5-trimethoxycinnamoylthioamide	articol	Rev Chim	6	57	2006	569-571	0.09274	Universitatea din Bucuresti	Chimie
73	Baci I, Nicolae A,	2-( $\alpha$ -ARYLOXYACETYL)-PHENOXANTHIN DERIVATIVES. SYNTHESIS AND PROPERTIES	articol	rev roum chim	7	51	2006	653-661	0.12983	Universitatea din Bucuresti	Chimie

74	F. Potmischil	Saturated amine oxides: part 7. Hydroacridines: part 26. Effects of N-oxidation on the <sup>13</sup> C chemical shifts of saturated six-membered azaheterocyclic tertiary amines. Prediction of the chemical shifts of the amine oxides	articol	rev roum chir	7	51	2006	719-734	0.12983	Universitatea din Bucuresti	Chimie
75	Potmischil F	HYDROACRIDINES XXV. FIRST SYNTHESIS OF (4 $\alpha$ ,8 $\alpha$ ,9 $\alpha$ ,10 $\alpha$ )-TETRADECAHYDROACRIDINE AND NEW SYNTHESSES OF (4 $\alpha$ ,8 $\alpha$ ,9 $\alpha$ ,10 $\alpha$ )-AND (4 $\alpha$ ,8 $\beta$ ,9 $\alpha$ ,10 $\alpha$ )-TETRADECAHYDROACRIDINE	articol	monat. Chem.	12	137	2006	1551-1555	0.9119	Universitatea din Bucuresti	Chimie
76	Ivan L	Efficient synthesis of 3-bromo-2-[(N-substituted)amino]pyridines and their heterocyclic cyclization	articol	SYNTHESIS-STUTTGART	4		2006	619-628	1.19532	Universitatea din Bucuresti	Chimie
77	V. CHIOSA, C. MANDRAVEL, I. STANCULESCU	Comparison of QSPR Properties for Cholesterol and Cholestanol Oligomeric Association Forms	articol	Rev. Roum. Chim	2	51	2006	135-140	0.12983	Universitatea din Bucuresti	Chimie

78	L.Preda, V.Lazarescu, M. Hillebrand, E. Volanschi	Reactivity of seven-membered heterocyclic sulphones: Spectroelectrochemical study and theoretical modeling	articol	Electrochimica Acta		51	2006	5587-5595	1.62912	Universitatea din Bucuresti	Chimie
79	A. M. S. Oancea, M. Radulescu, D. Oancea, E. Pincovski	Three generations of polystyrene-type strong acid cation exchangers: textural effects on proton/cadmium(ii) ion exchange kinetics	articol	Ind. Eng. Chem. Res.,		45	2006	9096-9106	1.81481	Universitatea din Bucuresti	Chimie
80	M. Hillebrand	Reaction of 2,2-Diphenyl-1-picrylhydrazyl with HO·, O2·-, HO·, and HOO· Radicals and Anions	articol	Int. J. Mol. Sci		7	2006	130-143	0.84699	Universitatea din Bucuresti	Chimie
81	S. Ionescu, C. C. Diaconu, M. Hillebrand	Theoretical study of some verapamil derivatives	articol	Int. J. Quant. Chem		106	2006	1457-1464	0.69573	Universitatea din Bucuresti	Chimie
82	E. Segal	Is there any convergence between the differential and integral procedures used in chemical kinetics, particularly in nonisothermal kinetics?	articol	INTERNATIONAL JOURNAL OF CHEMICAL KINETICS		38	2006	339-344	0.89461	Universitatea din Bucuresti	Chimie
83	D. Razus, C. Movileanu, V. Brinzea, D.Oancea	Explosion pressures of hydrocarbon-air mixtures in closed vessels	articol	J. Hazardous Materials,		135	2006	58-65	2.10068	Universitatea din Bucuresti	Chimie

84	C. Stoica, A. Jelea, M. Hillebrand	Experimental and Theoretical Study of 3-Carboxy-5,6-benzocumarin	articol	J. Photochem. Photobiol. A: Chemistry		183	2006	89-97	1.22446	Universitatea din Bucuresti	Chimie
85	D. Razus, D. Oancea C. Movileanu	Burning velocity evaluation from pressure evolution during the early stage of closed-vessel explosions	articol	Journal of Loss Prev. in the Process Industries,		19	2006	334-342	0.75617	Universitatea din Bucuresti	Chimie
86	C. Podina	Measurement statistics and compensation of counting errors in the radioactivity evaluation for organic solvents waste	articol	Rev. Chim. (Bucuresti)	7	57	2006	682-686	0.09274	Universitatea din Bucuresti	Chimie
87	I. Mihalcea	Obtaining and separation of F-18 from (H2O)-O-18; Obtaining of TEP images	articol	Rev. Chim. (Bucuresti)	8	57	2006	841-844	0.09274	Universitatea din Bucuresti	Chimie
88	I. Mihalcea	Development of new radiopharmaceuticals based on radionuclides: Re-186, Re-188, Sm-153, Mo-99	articol	Rev. Chim. (Bucuresti)	2	57	2006	152-157	0.09274	Universitatea din Bucuresti	Chimie
89	D. Razus, C. Movileanu, D. Oancea	Inhibition of premixed C3H6-air flames by CH2BrCl	articol	Rev. Roum. Chim	6	51	2006	533-539	0.12983	Universitatea din Bucuresti	Chimie
90	A.M. Toader, D. Bulcu, E. Volanschi	Spectroelectrochemical study of the redox behaviour of questiomycin drugs in aprotic media	articol	Rev. Roum. Chim	4	51	2006	307-315	0.12983	Universitatea din Bucuresti	Chimie



91	B. JURCA, I. SĂLĂGEANU and E. SEGAL	Kinetic study of the thermal decomposition of some aromatic ortho-chlorinated azomonoethers. 1 Decomposition of 4-[(2-chlorobenzyl)oxi]-4'-triflouromethyl-azobenzene	articol	Rev. Roum. Chim		51	2006	373-378	0.12983	Universitatea din Bucuresti	Chimie
92	, B. JURCA	Mixed complex sulfides of cadmium and iron with p-diaminobenzene as ligand	articol	Rev. Roum. Chim	9	51	2006	871-875	0.12983	Universitatea din Bucuresti	Chimie
93	E. Segal	Thermal properties of solid coordination compounds. IV. Some applications in materials science	articol	Rev. Roum. Chim	1	51	2006	5-12	0.12983	Universitatea din Bucuresti	Chimie
94	A. M. Musuc, D. Razus , D. Oancea	Kinetic analysis of isothermal decomposition of 2,4-dinitrophenylhydrazine using differential scanning calorimetry	articol	Thermochimica Acta,		448	2006	130-135	1.03561	Universitatea din Bucuresti	Chimie
95	B. Iorga	Mechanical properties of sarcomeres during cardiac myofibrillar relaxation: stretch-induced cross-bridge detachment contributes to early diastolic fillin	articol	J. Muscle Res. Cell Motil.		27	2006	423-434	0.58868	Universitatea din Bucuresti	Chimie

96	Leca M.	Interaction of Pb and Cd ions with some compounds from detergent solutions under washing conditions 4. Pb and Cd ions in detergent solutions with and without sodium perborate	articol	Revista de chimie	3	57	2006	234-238	0.09274	Universitatea din Bucuresti	Chimie
97	Zorca, M.; Găinar, I.; Bala, D.	Studiul comparativ al uleiurilor esențiale de levănțică obținute prin hidrodistilare și extracție supercritică	articol	Revista de chimie	4	57	2006	361-363	0.09274	Universitatea din Bucuresti	Chimie
98	O.Cinteza,	Diacyllipid Micelle-Based Nanocarrier for Magnetically Guided Delivery of Drugs in Photodynamic Therapy	articol	Molecular Pharmaceutics	4	3	2006	415-423	2.23824	Universitatea din Bucuresti	Chimie
99	M. Joita	Completely multi-positive linear maps between locally $C^*$ -algebras and representations on Hilbert modules	articol	Studia Math.		172	2006	181-196	0.95122	Universitatea din Bucuresti	Chimie
100	M. Fifrig	Reactive collisions between electrons and $NO^+$ ions: rate coefficient computations and relevance for the air plasma kinetics	articol	Plasma Sources Sci. Technol.		15	2006	23-32	1.17672	Universitatea din Bucuresti	Chimie

TOTAL 2006									108.32331		
1	V.David, A.Medvedovici	Determination of nimesulide and its active metabolite in plasma samples based on solvent deproteinization and HPLC - DAD analysis	articol	Revue Roumaine de Chimie	4	52	2007	501-509	0.12983	Universitatea din Bucuresti	Chimie
2	V.David, A.Medvedovici	High-throughput liquid-chromatography method with fluorescence detection for reciprocal determination of furosemide or norfloxacin in human plasma	articol	Biomedical Chromatography	1	21	2007	40-47	0.83215	Universitatea din Bucuresti	Chimie
3	V.David, A.Medvedovici	Determination of glibenclamide in human plasma by liquid chromatography with atmospheric pressure chemical ionization / MS-MS detection	articol	Journal of Chromatography B	1	846	2007	222-229	1.47915	Universitatea din Bucuresti	Chimie
4	A.Medvedovici, V.David, V.David	Retention phenomena induced by large volume injection of organic solvents non-miscible with mobile phase in reversed-phase liquid chromatography	articol	Journal of Liquid Chromatography and Related Technologies	2	30	2007	199-213	0.52492	Universitatea din Bucuresti	Chimie

5	V.David, A.Medvedovici	Structure - retention correlation in liquid chromatography for pharmaceutical applications	review	Journal of Liquid Chromatography and Related Technologies	5	30	2007	761-789	0.52492	Universitatea din Bucuresti	Chimie
6	V.David, A.Medvedovici	Fast RPLC-UV method on short sub-two microns particles packed column for the assay of tenoxicam in plasma samples	articol	Journal of Pharmaceutical and Biomedical Analysis	4	43	2007	1437-1443	1.21261	Universitatea din Bucuresti	Chimie
7	A.Medvedovici, V.David	Achiral – chiral LC/LC – FLD coupling for determination of carvedilol in plasma samples for bioequivalence purposes	articol	Journal of Chromatography B	1	850	2007	327-335	1.47915	Universitatea din Bucuresti	Chimie
8	V.David, A.Medvedovici	Validated ion pair liquid chromatography/fluorescence detection method for assessing the variability of the loratadine metabolism occurring in bioequivalence study	articol	Biomedical Chromatography	10	21	2007	1023-1029	0.83215	Universitatea din Bucuresti	Chimie
9	V.David, A.Medvedovici	Simultaneous assay of metformin and glibenclamide in human plasma based on extraction-less sample preparation procedure and LC/(APCI)MS	articol	Journal of Chromatography B	1	854	2007	211-218	1.47915	Universitatea din Bucuresti	Chimie

10	F. Tache, L. Mutihac, A. Medvedovici, V. David	Considerations on MS/MS detection of bromazepam after liquid chromatographic separation from plasma samples: application to a bioequivalence study	articol	Journal of Liquid Chromatography and Related Technologies	18	30	2007	2699-2715	0.52492	Universitatea din Bucuresti	Chimie
11	I. Gh. Tănase, Ș. Fleschin, V. Magearu	Flame atomic absorption spectrometry assay for copper determination in pharmaceutical products for veterinary use	articol	Analytical Letters	11	40	2007	2097-2104	0.53713	Universitatea din Bucuresti	Chimie
12	I.A. Stoica	Voltammetric Determination of N,N-Dimethyl-4-amino-4-hydroxyazobenzene at a Glassy Carbon Paste Electrode in the Presence of N,N-Dimethyl-4-aminoazobenzene	articol	Chemia Analyticzna	2	52	2007	201-212	0.24619	Universitatea din Bucuresti	Chimie
13	A. Arvinte, L. Rotariu, C. Bala	The NADH Electrochemical Detection Performed at Carbon Nanofibers Modified Glassy Carbon Electrode	articol	ELECTROANALYSIS	14	19	2007	1455-1459	1.253	Universitatea din Bucuresti	Chimie
14	Cruceru, I., Badea, I., Vlădescu, L.	Combined cation exchange- liquid-liquid extraction method for GC-MS determination of 4-nonylphenol content in water	articol	Revista de Chimie	12	58	2007	1305-1309	0.09274	Universitatea din Bucuresti	Chimie

15	L. Mutihac, R. Mutihac,	Liquid-liquid extraction and transport through membrane of amino acid methylesters by calix[n]arene derivatives	articol	J.Incl.Pheno m.Macrocycl ic Chem.	1	59	2007	177-181	0.95209	Universitatea din Bucuresti	Chimie
16	Negoiu, Maria	Corosion kinetics in electrolytic solution.	articol	REVISTA DE CHIMIE	58	3	2007	270-272	0.09274	Universitatea din Bucuresti	Chimie
17	Angelescu E , Zavoianu R , Pavel OD	Catalytic oxidative demercaptanization on Mg-Al hydrotalcites containing cobalt complex anions	articol	Revista de Chimie	11	58	2007	1104-1111	0.09274	Universitatea din Bucuresti	Chimie
18	Udrea I , Beda M	Preparation of fibrous supports for the covalent immobilization of enzymes	articol	REVUE ROUMAINE DE CHIMIE	4	52	2007	325	0.12983	Universitatea din Bucuresti	Chimie
19	Alifanti M, Florea M, Parvulescu VI	Ceria based oxides as supports for LaCoO <sub>3</sub> perovskite; catalysts for total oxidation of VOC	articol	Appl. Catal. B: Environmental	1	70	2007	400-405	4.32099	Universitatea din Bucuresti	Chimie
20	Ion A, Parvulescu V	Synthesis of symmetrical or asymmetrical urea compounds from CO <sub>2</sub> <i>via</i> base catalysis	articol	Green Chem.	2	9	2007	158-161	4.44822	Universitatea din Bucuresti	Chimie
21	Parvulescu VI	Chlorinated organic compounds decomposition by non-thermal plasma	articol	Plasma Chemistry and Plasma Processing	6	27	2007	679-690	2.08642	Universitatea din Bucuresti	Chimie
22	M. Andruh	Oligonuclear complexes as tectons in crystal	articol	CHEMICAL COMMUNICATIONS	25		2007	2565-2577	4.70479	Universitatea din Bucuresti	Chimie

23	M. Andruh	Guest Editor Preface	articol	Inorg. Chim. Acta	360		2007	3785	1.05993	Universitatea din Bucuresti	Chimie
24	C. Paraschiv, M. Andruh	Hybrid organic/inorganic H-bonded	articol	REVUE ROUMAINE DE CHIMIE	1-2	52	2007	101-104	0.12983	Universitatea din Bucuresti	Chimie
25	R. Gheorghe, M. Andruh,	Making 3d-4f hexanuclear clusters from	articol	INORGANICA CHIMICA ACTA	14	360	2007	4044-4050	1.05993	Universitatea din Bucuresti	Chimie
26	A. M. Madalan, M. Andruh	Supramolecular bimetallic systems constructed	articol	SYNTHESIS AND REACTIVITY	10	37	2007	757-764	0.31022	Universitatea din Bucuresti	Chimie
27	S. Nastase, C. Maxim, M. Andruh	Supramolecular dimers and chains resulted from	articol	CRYSTAL GROWTH & DESIGN	9	7	2007	1825-1831	3.08192	Universitatea din Bucuresti	Chimie
28	A. M. Madalan, M. Andruh	First Ni <sup>II</sup> -Ln <sup>III</sup> coordination polymers constructed by	articol	EUROPEAN JOURNAL OF INORGANIC	35		2007	5533-5540	1.64042	Universitatea din Bucuresti	Chimie
29	R. Gheorghe, M. Andruh	Unexpected replacement of Gd(III) by Hg(II)	articol	REVUE ROUMAINE DE CHIMIE	8-9	52	2007	753++	0.12983	Universitatea din Bucuresti	Chimie
30	Rosu T., Anca Nicolae	Complexes of 3dn metal ions with thiosemicarbazones: Synthesis and antimicrobial activity	articol	Molecules	12		2007	782-796	0.66247	Universitatea din Bucuresti	Chimie
31	Rosu T., Circu V., Simona Pasculescu, Anca Nicolae	Sinteza si caracterizarea combinatiilor complexe ale Cu(II) cu tiosemicarbazone din seria 8-R-triciclo [7.3.1.0. <sup>2,7</sup> ] tridecan-2-ol-13-unei.	articol	Rev. Chim. (Buc)	58	1	2007	74-78	0.09274	Universitatea din Bucuresti	Chimie
32	T. Rosu , E. Pahontu	Complexes of Cu(II) with Schiff base of p-tert-butylcalix[n]arene	articol	Rev. Chim. (Buc)	58	5	2007	475-480	0.09274	Universitatea din Bucuresti	Chimie

33	R. Olar, M. Badea, V. Lazar, C. Balotescu, E. Cristurean, D. Marinescu	Thermal behaviour of some N,N-dimethylbiguanide derivatives displaying antimicrobial activity	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	88	2	2007	323-327	0.45575	Universitatea din Bucuresti	Chimie
34	M. Badea, R. Olar, D. Marinescu, E. Segal, A. Rotaru	Thermal stability of some new complexes bearing ligands with polymerizable groups	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	88	2	2007	317-321	0.45575	Universitatea din Bucuresti	Chimie
35	Ferbinteanu, M.	Cyanide-bridged Fe(III)-Mn(III) chain with metamagnetic properties and significant magnetic anisotropy	articol	INORGANIC CHEMISTRY	46	3	2007	610-612	2.39483	Universitatea din Bucuresti	Chimie
36	Ferbinteanu, M.	Spin coupling in the supramolecular structure of a new tetra(quinoline-TEMPO)yttrium(III) complex	articol	INORGANIC CHEMISTRY	46	3	2007	660-669	2.39483	Universitatea din Bucuresti	Chimie
37	Ferbinteanu, M.	The magnetic anisotropy and assembling of the lanthanide coordination units in [Fe(bpca)(2)][Er(NO	articol	POLYHEDRON	26	9	2007	2069-2073	1.09137	Universitatea din Bucuresti	Chimie



38	Cîrcu V.,	Mesomorphism of ortho-metallated imine complexes of the b-diketonatoplatinum(II) fragment. Crystal and molecular structure of three platinum imine complexes	articol	Liq. Cryst.	34	12	2007	1463-1472	0.88832	Universitatea din Bucuresti	Chimie
39	Kriza, A.	Synthesis and characterization of complexes of Mn(II), Co(II), Ni(II) and Cu(II) with an aroylhydrazone ligand	articol	ASIAN JOURNAL OF CHEMISTRY	19	1	2007	658-664	0.10201	Universitatea din Bucuresti	Chimie
40	A.Kriza	Copper sulfides obtained by spray pyrolysis - Possible absorbers in solid-state solar cells	articol	THIN SOLID FILMS	515	15	2007	5755-5758	1.63237	Universitatea din Bucuresti	Chimie
41	A. Kriza	Crystal order in Cu <sub>2</sub> S thin films obtained by spray pyrolysis	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	9	5	2007	1265-1268	0.33626	Universitatea din Bucuresti	Chimie
42	A. Emandi	Multifunction coordinative compounds of Er(III) based, on azo-derivatives and Schiff bases ligands as chromophores in non-linear optics	articol	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	9	5	2007	1347-1351	0.33626	Universitatea din Bucuresti	Chimie
43	A. Emandi	Polyurethane doped with low-concentration erbium	articol	JOURNAL OF APPLIED POLYMER SCIENCE	103	2	2007	659-669	0.99083	Universitatea din Bucuresti	Chimie

44	Kriza, A.	Copper sulfides obtained by spray pyrolysis - Possible absorbers in solid-state solar cells	articol	THIN SOLID FILMS	515	15	2007	5755-5758	1.63237	Universitatea din Bucuresti	Chimie
45	Kriza, A. Dianu, M.	Synthesis and characterization of complexes of Mn(II), Co(II), Ni(II) and Cu(II) with an aroylhydrazone ligand	articol	ASIAN JOURNAL OF CHEMISTRY	19	1	2007	658-664	0.10201	Universitatea din Bucuresti	Chimie
46	M. Negoiu	Co(II), Cd(II), Pd(II), Rh(III) and Pt(IV) complex combinations with thiuram	articol	REVISTA DE CHIMIE,	58	10	2007	REVISTA DE CHIMIE	0.09274	Universitatea din Bucuresti	Chimie
47	Kriza, A. Dianu, M.	Synthesis and characterization of Cu(II), Ni(II), Co(II), Mn(II), Zn(II), Cd(II) complexes of isonicotinoylhydrazo ne-1-methyl-2-aldehydepyrrole	articol	Asian Journal of Chemistry	19	7	2007	5666-5674	0.10201	Universitatea din Bucuresti	Chimie
48	Zalaru F, Zalaru C, Contineanu M	Coordination compounds of some metals (II) with 1-phenyl-pyrazole-3,4-dicarboxylic acid	articol	rev chim	3	58	2007	332-334	0.09274	Universitatea din Bucuresti	Chimie
49	Zalaru C, Putina G, Dumitrascu F, Draghici C	New Mannich bases with pharmacological activity	articol	rev chim	8	58	2007	773-775	0.09274	Universitatea din Bucuresti	Chimie
50	Ch. Zălaru	X-ray structures of pharmacologically active 2-(3,5-dimethyl-pyrazol-1-yl)-methylacetanilides.	articol	J. Chem. Crystalogr.	9	37	207	623-628	0.34264	Universitatea din Bucuresti	Chimie

51	Zalaru C	New pyrazole derivatives as lidocaine analogue	articol	rev chim	11	58	2007	1054-1056	0.09274	Universitatea din Bucuresti	Chimie
52	Zalaru C,Zalaru F,	Coordination compounds of Cu(II) with some substituted 2-(3,5-dimethyl-pyrazol-1-yl)-methyl-acetanilides as ligands	articol	J. Serb. Chem. Soc	3	72	2007	251-257	0.54714	Universitatea din Bucuresti	Chimie
53	Gaspar A , Matache M , Stoica AI , Paraschivescu C , Dobrota C	Use of pyridinium bromochromate as an effective reagent for bromination of nitrophenols	articol	rev chim	8	58	2007	765-767	0.09274	Universitatea din Bucuresti	Chimie
54	Potmischil F, Marinescu M	Hydroacridines XXVIII. Syntheses of New 9-Substituted 1,2,3,4,5,6,7,8-octahydroacridine Derivatives and their N(10)-Oxides	articol	rev chim	8	58	2007	795-798	0.09274	Universitatea din Bucuresti	Chimie
55	Potmischil F	Saturated amine oxides: Part. 8. Hydroacridines: Part 27. Effects og N-oxidation and of N-quaternization on the 15N NMR chemical shifts of N-methylpiperidine-derived mono-, bi-, and tricycloaliphatic tertiary amines,	articol	mag res chem	3	45	2007	231-235	1.20556	Universitatea din Bucuresti	Chimie

56	Zarafu I	Synthesis of Prodrug-type anti-HIV agents conjugating a Reverse Transcriptase Inhibitor to a HIV-1 Integrase Inhibitor by a Spontaneously Cleavable Linker	articol	J. Enz. Inh. Med. Chem.	5	22	2007	591-607	0.70776	Universitatea din Bucuresti	Chimie
57	Zarafu I	Synthesis and anti-HIV Evaluation of Hybrid-type Prodrugs Conjugating HIV Integrase Inhibitors with d4T by Self-Cleavable Spacers containing an Amino Acid Residue	articol	J. Enz. Inh. Med. Chem.	5	22	2007	608-619	0.70776	Universitatea din Bucuresti	Chimie
58	Zarafu I, Draghici C	Nota II. Obținerea și caracterizarea tribromurilor și triiodurilor de 1,2,4-ditiazoliu-3,5-disubstituite	articol	rev chim	1	58	2007	65-73	0.09274	Universitatea din Bucuresti	Chimie
59	Paun C, Parvulescu VI,	Supported and liquid phase task specific ionic liquids for base catalysed Knoevenagel reactions	articol	J. Mol. Catal. A: Chem.	1	269	2007	64-71	1.27112	Universitatea din Bucuresti	Chimie
60	Cimpeanu V, Parvulescu VI	The role of crystalline structure of molybdenum oxide catalysts onto the activity and stability in sulfoxidation of thioethers	articol	Appl. Catal. A: General	2	325	2007	283-289	1.76502	Universitatea din Bucuresti	Chimie

61	Tiseanu C, Parvulescu VI, Gagea BC	Time-resolved photoluminescence of terbium-doped microporous-mesoporous Zeotile-1 materials	articol	J. Photochem. Photobiol., A: Chem.	2	187	2007	299-304	1.22446	Universitatea din Bucuresti	Chimie
62	Parvulescu VI, Paun C	Recycable Copper Catalysts based on Imidazolium-Tagged Bis(oxazolines): A Marked Enhancement in Rate and Enantioselectivity for Diels-Alder Reactions in Ionic Liquids	articol	Adv. Synth. Catal.	6	349	2007	951-963	4.64231	Universitatea din Bucuresti	Chimie
63	Parvulescu VI	Mesoporous Pt-SiO <sub>2</sub> and Pt-SiO <sub>2</sub> -Ta <sub>2</sub> O <sub>5</sub> catalysts prepared using Pt colloids as templates	articol	ChemPhysChem	5	8	2007	666-678	2.11424	Universitatea din Bucuresti	Chimie
64	Gagea B, Parvulescu VI ,	Investigation of the Hydrophobization Efficiency of Terbium-Exchanged BEA Zeolites by Means of FT-IR, TGA, Physical Adsorption, and Time-Resolved Photoluminescence	articol	Langmuir	12	23	2007	6781-6787	3.85781	Universitatea din Bucuresti	Chimie
65	Parvulescu VI , Cojocaru B	Rotational Fluctuations of Water Confined to Layered Oxide Materials: Nonmonotonous Temperature Dependence of Relaxation Times	articol	J. Phys. Chem. A	24	111	2007	5166-5175	1.42237	Universitatea din Bucuresti	Chimie

66	Coman SM, Florea M, Parvulescu VI, David V, Medvedovici A	Metal-triflate ionic liquid systems immobilized onto mesoporous MS41 materials as new and efficient catalysts for N-acylation	articol	J. Catal.	2	249	2007	359-369	4.60494	Universitatea din Bucuresti	Chimie
67	Parvulescu, V.I., Gagea, B.C.	Comparative time-resolved luminescence studies of Tb-ZSM-5 and Tb-MFI mesoporous materials, in Recent Progress in Mesoporous Materials	articol	Stud. Surf. Sci. Catal.		165	2007	531-534	1.26829	Universitatea din Bucuresti	Chimie
68	M. Musteata, V. Musteata, V.I. Parvulescu,	Acylation of fatty acids with amino-alcohols on UL-MFI type materials	articol	Stud. Surf. Sci. Catal.		165	2007	535-538	1.26829	Universitatea din Bucuresti	Chimie
69	Iosif F, Parvulescu VI,	Heterogeneous hydrogenation of bicyclo[2.2.2]octenes on Rh/TPPTS/LDH catalysts	articol	J. Mol. Catal. A: Chem.	1	276	2007	34-40	1.27112	Universitatea din Bucuresti	Chimie
70	Florea M, Parvulescu VI	Plasma-assisted catalysis total oxidation of trichloroethylene over gold nanoparticles embedded in SBA-15 catalysts	articol	Appl. Catal. B: Environmental	3	76	2007	275-281	4.32099	Universitatea din Bucuresti	Chimie
71	Musteata M, Musteata V, Dinu A, Florea M, Parvulescu VI	Acylation of different amino derivatives with fatty acids on UL-MFI-type catalysts	articol	Pure & Appl. Chem.	11	79	2007	2059-2068	2.68624	Universitatea din Bucuresti	Chimie
72	Parvulescu VI	Catalysis in ionic liquids	review	CHEMICAL REVIEWS	6	107	2007	2615-2665	37.5425	Universitatea din Bucuresti	Chimie

73	Cobarlie MN, Iordachescu A , Sandulescu I , Marcu IC	Etude de l'oxy- deshydrogenation non catalytique de l'isobutane dans un reacteur integral	articol	Rev. Roum. Chim.	3	52	2007	283-291	0.12983	Universitatea din Bucuresti	Chimie
74	Oprea E	Capillary GC-MS analysis of volatile and semi-volatile compounds of Thymus glabrescens Willd	articol	Rev Roum Chim	12	52	2007	1115-1122	0.12983	Universitatea din Bucuresti	Chimie
75	Tanase IG , Fleschin S , Magearu V	Flame Atomic Absorption Spectrometry Assay for Copper Determination in Pharmaceutical Products for Veterinary Use	articol	Analyt Lett	11	40	2007	2097-2104	0.53713	Universitatea din Bucuresti	Chimie
76	Dobrota C	Electrochemical and spectroscopic characterization and catalytic activity of Co(II) complexes of tetra- chloro-R-Salen ([tClSalen=bis(3,5- di-chloro- $\alpha$ -R salicylidene)ethylen ediamine]) and tetra-chloro-R- Salophen ([tClSalophen=bis(3, 5-di-chloro- $\alpha$ -R salicylidene)-1,2- phenylenediamine]), R=H, CH <sub>3</sub> , CH <sub>2</sub> -CH <sub>3</sub>	articol	J. of Coordinatio n Chemistry	5	60	2007	581-595	0.37603	Universitatea din Bucuresti	Chimie
77	Baciu I ,Nicolae A ,	Reaction of 2-(a- bromoacetyl)- phenoxathiin with substituted o-,m- or p-formyl-aroxides	articol	arkivok		part 13	2007		0.47705	Universitatea din Bucuresti	Chimie

78	A. M. Musuc, D. Razus, D. Oancea	Kinetics of exothermal decomposition of 2-nitrophenylhydrazine and 4-nitrophenylhydrazine using DSC non-isothermal data	articol	J. Therm. Anal. Cal.		90	2007	807-812	0.45575	Universitatea din Bucuresti	Chimie
79	A. M. Musuc, C. Popescu, D. Razus, D. Oancea	Non-isothermal kinetic analysis of thermal decomposition of 2,4-dinitrophenylhydrazine	articol	Rev. Roum. Chim	6	52	2007	561-567	0.12983	Universitatea din Bucuresti	Chimie
80	A. Tirsoaga, A. Novikov, M. Abid-Conquy, C. Wertz, C. Fitting, J.-M. Cavaillon, M. Caroff.	Simple method for repurification of endotoxins for biological use	articol	Applied and Environmental Microbiology	6	73	2007	1803-1808	2.03474	Universitatea din Bucuresti	Chimie
81	D. Razus, C. Movileanu, V. Brinzea, D. Oancea	Closed vessel combustion of propylene-air mixtures in the presence of exhaust gas	articol	Fuel		86	2007	1865-1872	2.3858	Universitatea din Bucuresti	Chimie
82	E. Volanschi, M. Hillebrand	Theoretical study on the reduction behaviour of sulphur containing heterocycles. I Cleavage reaction of the C-S bond in the dibenzo [b,e] thiepinone class	articol	J. Electroanal. Chem		602	2007	181-188	1.31841	Universitatea din Bucuresti	Chimie
83	D. Razus, C. Movileanu, D. Oancea	The rate of pressure rise of gaseous propylene-air explosions in spherical and cylindrical enclosures	articol	J. Hazardous Materials,		139	2007	1-8	2.10068	Universitatea din Bucuresti	Chimie



84	I. Matei, A. Nicolae, M. Hillebrand	Fluorimetric and Molecular Mechanics Study of the Inclusion Complex of 2-Quinoxaliny-Phenoxathiin with $\beta$ -Cyclodextrin	articol	J. Incl. Phenom. Macrocycl. Chem		57	2007	597-601	0.95209	Universitatea din Bucuresti	Chimie
85	C. Tablet, M. Hillebrand	Quenching of the Fluorescence of 3-Carboxy-5,6-benzocoumarin by Aromatic Amines	articol	J. Photochem. Photobiol. A: Chemistry		189	2007	73-79	1.22446	Universitatea din Bucuresti	Chimie
86	C. Podina	Preparation of H-3-labelled testosterone metabolites	articol	JOURNAL OF LABELLED COMPOUNDS & RADIOPHARMACEUTICALS	5-6	50	2007	442-443	0.39498	Universitatea din Bucuresti	Chimie
87	A. Tirsoaga, A. El Hamidi, M.B. Perry, M. Caroff, A. Novikov	A rapid, small-scale procedure for the structural characterization of the lipid A applied to Citrobacter and Bordetella strains: discovery of a new structural element	articol	Journal of Lipid Research	11	48	2007	2419-2427	1.78111	Universitatea din Bucuresti	Chimie
88	C. Podina	Radiolabeled phosphonates for bone metastases therapy	articol	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	3	273	2007	663-667	0.48811	Universitatea din Bucuresti	Chimie

89	E. Segal	Non-isothermal kinetic study on the decomposition of Zn acetate-based Sol-gel precursor - Part 1. Application of the isoconversional methods	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2	89	2007	505-509	0.45575	Universitatea din Bucuresti	Chimie
90	E. Segal	Non-isothermal kinetic study on the decomposition of Zn acetate-based sol-gel precursor - Part II. the application of the IKP method	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	3	88	2007	699-702	0.45575	Universitatea din Bucuresti	Chimie
91	E. Segal	Applicability of the kissinger equation in thermal analysis revisited	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	3	88	2007	703-707	0.45575	Universitatea din Bucuresti	Chimie
92	E. Segal	Non-isothermal dehydration kinetics of acrylic ion-exchange resins	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	3	88	2007	673-679	0.45575	Universitatea din Bucuresti	Chimie
93	E. Segal, I. Salageanu	Thermal decomposition kinetics of some aromatic azomonoethers - Part I. Decomposition of 4-[(4-chlorobenzyl)oxy]-4'-nitro-azobenzene	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2	87	2007	395-400	0.45575	Universitatea din Bucuresti	Chimie

94	D. Razus, M. Mitu, V. Brinzea, D. Oancea	Pressure evolution during confined deflagration of n-butane/air mixtures	articol	Rev. Chim. (Bucuresti)	12	58	2007	1170-	0.09274	Universitatea din Bucuresti	Chimie
95	T. Oncescu, S. Radulescu	Ionic strength effect on violamycin B1-DNA interactions	articol	Rev. Chim. (Bucuresti)	10	58	2007	887-	0.09274	Universitatea din Bucuresti	Chimie
96	D. Botus, T. Oncescu	Evaluation of kinetic and thermodynamic parameters for antigen-antibody interactions by ELISA technique	articol	Rev. Chim. (Bucuresti)	3	58	2007	323-	0.09274	Universitatea din Bucuresti	Chimie
97	C. Podina	A method for the activity evaluation of low energy beta-emitters by liquid scintillation counting technique	articol	Rev. Chim. (Bucuresti)	12	58	2007	1194-1197	0.09274	Universitatea din Bucuresti	Chimie
98	V. CHIOSA, C. MANDRAVEL, I. STANCULESCU, M. MANEA	IR spectral study on nature of 2-pyridine aldoxime methyl chloride interaction with some sterols II Cholestanol	articol	Rev. Roum. - Chim	8-9	52	2007	739-742	0.12983	Universitatea din Bucuresti	Chimie
99	N. Balasa, I. Mihalcea	Investigation of thermal oxidation of sun flower by measuring the chemiluminiscence emission in IR	articol	Rev. Chim. (Bucuresti)	12	58	2007	1226-1231	0.09274	Universitatea din Bucuresti	Chimie
100	M. Puiu, A. Raducan, D. Oancea	Kinetics of copper(II) catalyzed oxidation of 2-aminophenol in a continuous stirred tank reactor	articol	Rev. Roum. Chim	11	52	2007	1039-1044	0.12983	Universitatea din Bucuresti	Chimie

101	A. Raducan, D. Oancea, E. Segal	Models for irreversible inactivation in the enzymatic decomposition of hydrogen peroxide and their kinetic treatment by means of graphs	articol	Rev. Roum. Chim	8-9	52	2007	713-717	0.12983	Universitatea din Bucuresti	Chimie
102	M. Puiu, V. Munteanu, D. Oancea	Modeling kinetic limitations of acetylene detonation	articol	Rev. Roum. Chim	8-9	52	2007	719-724	0.12983	Universitatea din Bucuresti	Chimie
103	T. Oncescu, S. Radulescu	The binding of violamycin B1 to DNA	articol	Rev. Roum. Chim	10	52	2007	961-968	0.12983	Universitatea din Bucuresti	Chimie
104	A. M. Toader, E. Volanschi	Electrochemical and spectral study of the hemin-surfactant interaction in solution	articol	Rev. Roum. Chim	1-2	52	2007	159-167	0.12983	Universitatea din Bucuresti	Chimie
105	M. Enache, I. Serbanescu, D. Bulcu, E. Volanschi	Interaction of Actinomycin D with anionic surfactant SDS:spectral and electrochemical investigation	articol	Rev. Roum. Chim	8-9	52	2007	725-731	0.12983	Universitatea din Bucuresti	Chimie
106	A. Vârlan, S. Ionescu, M. Hillebrand	Modelling of the Electrochemical Reduction Behaviour of Some Dibenz[b,e]-Thiepinosulphones by the DFT Method	articol	Rev. Roum. Chim	8-9	52	2007	733-737	0.12983	Universitatea din Bucuresti	Chimie

107	M. Dianu, C. Podina	The safety of environment in final disposal of ultima gold scintillation liquid cocktail used for determination of the radioactive content in various samples at cernavoda nuclear power plant	articol	Rev. Roum. Chim	5	52	2007	509-519	0.12983	Universitatea din Bucuresti	Chimie
108	S. Ionescu, M. Hillebrand	2-Phenoxathiinyl-5-phenyloxazole and 5-Phenoxathiinyl-2-phenyloxazole Derivatives: Experimental and Theoretical Study of Emission Properties	articol	Spectrochim . Acta A		66	2007	1165-1170	0.82879	Universitatea din Bucuresti	Chimie
109	B. Iorga	The role of troponin Ca <sup>2+</sup> -regulation in dynamics of contraction and relaxation	articol	American Journal of Physiology – Regulatory, Integrative and Comparative Physiology	3	292	2007	R1125-R1128	1.6077	Universitatea din Bucuresti	Chimie
110	B. Iorga	Kinetic mechanism of the Ca <sup>2+</sup> -dependent switch-on and -off of cardiac troponin in myofibrils	articol	Biophysical Journal	11	93	2007	3917-3931	2.14653	Universitatea din Bucuresti	Chimie
111	B. Iorga	The slow skeletal muscle isoform of myosin shows kinetic features common to smooth and non-muscle myosins	articol	Journal of Biological Chemistry	6	282	2007	3559-3570	2.46889	Universitatea din Bucuresti	Chimie

112	V. Meltzer, E. Pincu	Inclusion complexes of cyclodextrins with biradicals linked by a polyether chain – an EPR study	articol	Organic& Biomolecular Chemistry	12	5	2007	1910-1914	1.74797	Universitatea din Bucuresti	Chimie
113	V. Meltzer, E. Pincu	Thermal study on binary blends of ethylene-propylene elastomers and acrylonitrile-butadiene rubber	articol	Polymer Bulletin	4	58	2007	683-689	0.91437	Universitatea din Bucuresti	Chimie
114	V. Meltzer	Synthesis of novel azoderivatives with mesomorphic properties	articol	Revista de chimie	8	58	2007	782-785	0.09274	Universitatea din Bucuresti	Chimie
115	V. Meltzer, G. Cristescu	Thermodynamic study and structure-mesomorphysm correlation for new sitosteryl benzoate compounds	articol	Revue Roumaine de Chimie	5	52	2007	489-492	0.12983	Universitatea din Bucuresti	Chimie
116	Leca M.	Prediction of performances of some aqueous pigment dispersions for leather finishing	articol	Revista de chimie	3	58	2007	276-282	0.09274	Universitatea din Bucuresti	Chimie
117	Leca M.	Aqueous ecological intumescent fire retardant coatings for multifunctional applications. 1. Preparation and characterization	articol	Revue Roumaine de Chimie	8-9	52	2007	745-750	0.12983	Universitatea din Bucuresti	Chimie

118	Zorca, M.; Găinar, I.; Bala, D.	Efectul presiunii asupra compoziției uleiului esențial de cimbru obținut prin extracție cu dioxid de carbon supercritic	articol	Revista de chimie	11	58	2007	1122-1125	0.09274	Universitatea din Bucuresti	Chimie
119	Găinar, I.; Bala, D.	High pressure solubility of carbon dioxide in some c4 esters	articol	Revue Roumaine de Chimie	11	52	2007	1051-1055	0.12983	Universitatea din Bucuresti	Chimie
120	O. Cinteza	Sorption of nitrophenols derivatives from aqueous solutions by alginate beads	articol	Revista de chimie	11	58	2007	1129-1133	0.09274	Universitatea din Bucuresti	Chimie
121	M. Olteanu, O. Cinteza	Adsorption of some alkoxyoxyethylene pyridinium chlorides at solid- water interface	articol	Revista de chimie	6	58	2007	515-519	0.09274	Universitatea din Bucuresti	Chimie
122	M. Olteanu, M. Spiroiu	Filmogen organic- inorganic hybrids obtained by sol-gel in the presence of cationic polymer	articol	J Appl Polym Sci		106	2007	2625-2633	0.99083	Universitatea din Bucuresti	Chimie
123	M. Joita	Covariant completely positive linear maps between locally C*- algebras	articol	Houston J. Math.	4	33	2007	1067-1078	0.61924	Universitatea din Bucuresti	Chimie
124	M. Joita	Crossed products of locally C*-algebras	articol	Rocky Mountain J. Math.	5	7	2007	1623-1644	0.35501	Universitatea din Bucuresti	Chimie
125	Olteanu M, Spiroiu M,	Filmogen organic- inorganic hybrids obtained by sol-gel in the presence of cationic polymer	articol	JOURNAL OF APPLIED POLYMER SCIENCE	4	106	2007	2625-2633	0.99083	Universitatea din Bucuresti	Chimie
<b>TOTAL 2007</b>									<b>154.92067</b>		

1	L. Mutihac	Chromo-ionophoric properties of para-(5-phthalhydrazide-azo)-phenylene-N-aza-15-crown-5 in the presence of lithium and sodium ions	articol	Revista de Chimie	10	59	2008	1073-1076	0.09274	Universitatea din Bucuresti	Chimie
2	A.Medvedovici, V.David	Hydrophobicity parameter (log Kow) estimation for some phenolic compounds of pharmaceutical interest from retention studies with mobile phase composition in RP-LC	articol	Separation Science and Technology	1	43	2008	147-163	1.00155	Universitatea din Bucuresti	Chimie
3	A.Medvedovici, V.David	Non-linear calibrations on the assay of diltiazem and two of its metabolites from plasma samples by means of liquid chromatography and ESI/MS2 detection: application to a bioequivalence study	articol	Biomedical Chromatography	3	22	2008	289-297	0.83215	Universitatea din Bucuresti	Chimie
4	A.Medvedovici, S.Ionescu, M.Hillebrand, V.David	haracterization of a new norfloxacin metabolite monitored during a bioequivalence study by means of mass-spectrometry and quantum computation	articol	Biomedical Chromatography	10	22	2008	1100-1107	0.83215	Universitatea din Bucuresti	Chimie



5	A.Medvedovici, V.David	Effect of large volume injection of hydrophobic solvents on the retention of less hydrophobic pharmaceutical solutes in RP-LC	articol	Journal of Separation Science	16	31	2008	2939-2945	1.37742	Universitatea din Bucuresti	Chimie
6	E.E.Iorgulescu, V.David	Characterization of some polysiloxanes containing nucleobases and azobenzene groups in their side-chain or crown ether within polymeric chains by means of negative-ionization mass spectrometry with atmospheric pressure chemical ionization.	articol	Revue Roumaine de Chimie	9	53	2008	777-785	0.12983	Universitatea din Bucuresti	Chimie
7	I.L Popescu, I.G., Tănase, C. Bala	Validation of a quantitative method determination of estradiol in pharmaceutical products using UV-vis molecular absorption spectrometry	articol	Anal. Lett. 41, 18, 3272-3296	18	41	2008	3272-3296	0.537	Universitatea din Bucuresti	Chimie
8	Ion Gh. Tănase, Camelia Bala	Validation of a quantitative method determination of estradiol in pharmaceutical products for human use, using UV-Vis molecular absorption spectrometry	articol	Analytical Letters	18	41	2008	3272-3296	0.53713	Universitatea din Bucuresti	Chimie

9	I. Gh. Tănase, Ș. Fleschin, V. Magearu	The determination of manganese in pharmaceutical products of veterinary use	articol	Revue Roumaine de Chimie	2	53	2008	149-155	0.12983	Universitatea din Bucuresti	Chimie
10	I. Gh. Tanase	Assessment of uncertainties in measurement of phospholipase a(2) activity from Vipera Ammodytes venom	articol	Revue Roumaine de Chimie	4	53	2008	329-337	0.12983	Universitatea din Bucuresti	Chimie
11	I. Gh. Tănase	Comparative study of different extraction methods for evaluation of bioavailability of terrestrial sediment – bound metallic elements	articol	Revue Roumaine de Chimie	11	53	2008	1041-1046	0.12983	Universitatea din Bucuresti	Chimie
12	A. Gheorghe	Analysis of cocaine and its principal metabolites in waste and surface water using solid-phase extraction and liquid chromatography–ion trap tandem mass spectrometry	articol	Analytical and Bioanalytical Chemistry	4	391	2008	1309-1319	1.80671	Universitatea din Bucuresti	Chimie
13	A.-I. Stoica	Application of the cobaltabisdicarbollide anion to the development of ion selective PVC membrane electrodes for tuberculosis drug analysis	articol	Chemical Communications	1	48	2008	6492-6494	4.70479	Universitatea din Bucuresti	Chimie

14	Z. Moldovan	HDPE – EPDM thermoplastic vulcanizates. Mechanical and IR spectrometric properties	articol	Revue Roumaine de Chimie	11	53	2008	1051-1057	0.12983	Universitatea din Bucuresti	Chimie
15	A.F. Danet,	Ascorbic Acid Determination in Commercial Fruit Juice by Cyclic Voltammetry	articol	J. Autom. Method Manag.			2008	937651	0.27604	Universitatea din Bucuresti	Chimie
16	A.-M. Gurban, C. Bala, L. Rotariu	Improvement of NADH detection using Prussian blue modified screen-printed electrodes and different strategies of immobilisation	articol	Sensors and Actuators B	2	128	2008	536-544	1.859	Universitatea din Bucuresti	Chimie
17	M. Tudorache, A. Tencaliec, C. Bala	Magnetic beads-based immunoassay as a sensitive alternative for atrazine analysis	articol	Talanta	2	77	2008	839-843	1.515	Universitatea din Bucuresti	Chimie
18	A. Arvinte, C. Bala	Evaluation of Meldola Blue-Carbon nanotube-Sol-gel composite for electrochemical NADH sensors and their application for lactate dehydrogenase-based biosensors	articol	Electroanalysis	21	20	2008	2355-2362	1.253	Universitatea din Bucuresti	Chimie
19	A. Arvinte, L. Rotariu, Camelia Bala	Amperometric Low-potential Detection of Malic Acid Using Single-wall Carbon Nanotubes Based Electrodes	articol	Sensors	3	8	2008	1497-1507	1.161	Universitatea din Bucuresti	Chimie

20	Badea I. A., Vlădescu L., Dumitrescu V.	Optimization of Molybdenum Quantitative Separation by Precipitation with $\alpha$ -Benzoine-oxyme Starting from Acidic Solutions	articol	Revista de Chimie	12	59	2008	1296-1300	0.09274	Universitatea din Bucuresti	Chimie
21	Iordache PZ, Kim L, Mutihac, L.	The coating of n[SiO <sub>1.5</sub> -(CH <sub>2</sub> ) <sub>3</sub> (NH <sub>2</sub> )] ultrathin layers on the surface of Fe <sub>3</sub> O <sub>4</sub> nanoparticles and the analysis of their coating dynamics	articol	Optoelectronics and Advanced Materials – Rapid Communications	2	8	2008	491-497	0.31287	Universitatea din Bucuresti	Chimie
22	R. D. Baratoiu, L. Mutihac,	3,5-Dinitro-N-(4'-benzo-15-crown-5)-benzamide derivatives. Synthesis and properties	articol	ARKIVOC	Part 11		2008	307-321	0.47705	Universitatea din Bucuresti	Chimie
23	L. Mutihac	Mining in chemometrics	articol	Anal.Chim.Acta	1	612	2008	p. 1-8	1.73957	Universitatea din Bucuresti	Chimie
24	A. M. Madalan, M. Andruh	Conducting mixed valence salt of bis(ethylenedithio)-tetrathiafulvalene (BEDT-TTF) with the paramagnetic heteroleptic anion [Cr <sup>III</sup> (oxalate) <sub>2</sub> (2,2'-bipyridine)]	articol	New J. Chem.	32		2008	333-341	2.34621	Universitatea din Bucuresti	Chimie

25	C. D. Ene, M. Andruh	One-dimensional and two-dimensional coordination polymers constructed from copper(II) nodes and polycarboxylato spacers: synthesis, crystal structures and magnetic properties	articol	Polyhedron	27		2008	574-582	1.09137	Universitatea din Bucuresti	Chimie
26	D. G. Branzea, M. Andruh	Heterobinuclear complexes as tectons in designing coordination polymers	articol	Cryst. Growth & Des.	8		2008	941-949	3.08192	Universitatea din Bucuresti	Chimie
27	V. Tudor, M. Andruh	New alkoxo-bridged mixed valence cobalt clusters: Synthesis, crystal structures and magnetic properties	articol	Inorg. Chim. Acta	361		2008	3446- 3452	1.05993	Universitatea din Bucuresti	Chimie
28	A. M. Madalan, M. Andruh	Heterospin systems constructed from $[\text{Cu}_2\text{Ln}]^{3+}$ and $[\text{Ni}(\text{mnt})_2]^{1-,2-}$ tectons: First 3p-3d-4f complexes (mnt = maleonitriledithiolato)	articol	Inorg. Chem.	47		2008	940-950	2.39483	Universitatea din Bucuresti	Chimie

29	G. Marin, M. Andruh, A. M. Madalan	Structural diversity in metal-organic frameworks derived from binuclear alkoxo-bridged copper(II) nodes and pyridyl linkers.	articol	Cryst. Growth & Des.	8	2008	964-975	3.08192	Universitatea din Bucuresti	Chimie
30	C. Maxim, T. D. Pasatoiu, M. Andruh	Copper(II) and zinc(II) complexes with Schiff-base ligands derived from salicylaldehyde and 3-methoxysalicylaldehyde: synthesis, crystal structures, magnetic and luminescence properties	articol	Inorg. Chim. Acta	361	2008	3903- 3911	1.05993	Universitatea din Bucuresti	Chimie
31	D. G. Branzea, L. C. Maxim, M. Andruh,	A 2-D coordination polymer with canted ferromagnetism constructed from ferromagnetic [Ni <sup>II</sup> Co <sup>II</sup> ] nodes.	articol	Inorg. Chem.	47	2008	6590-6592	2.39483	Universitatea din Bucuresti	Chimie
32	M. Andruh	New manganese(II) complexes with tetraorganodichalcogenoimidodiphosphinato ligands. Crystal and molecular structure of dimeric [Mn{(OPPh <sub>2</sub> )(OP(OEt) <sub>2</sub> N) <sub>2</sub> (H <sub>2</sub> O)} <sub>2</sub> ] and monomeric Mn[(SPMe <sub>2</sub> )(SPPH <sub>2</sub> )N] <sub>2</sub> .	articol	Polyhedron	27	2008	2905 – 2910	1.09137	Universitatea din Bucuresti	Chimie

33	R. Olar, M. Badea, D. Marinescu, V. Lazar, C. Balotescu	Thermal behavior, spectroscopic and biological characterization of copper(II) complexes with N,N-dimethylbiguanide	articol	J. Therm. Anal. Calor.	92	1	2008	239-243	0.45575	Universitatea din Bucuresti	Chimie
34	R. Olar, M. Badea, D. Marinescu, V. Lazar, C. Balotescu	Synthesis, characterisation and thermal behaviour of some thiosulfato- and sulfato copper (II) complexes. Antibacterial activity	articol	J. Therm. Anal. Calor.	92	1	2008	245-251	0.45575	Universitatea din Bucuresti	Chimie
35	M. Badea, R. Olar, D. Marinescu, G. Vasile	Thermal behavior of some new triazole derivative complexes	articol	J. Therm. Anal. Calor.	92	1	2008	209-214	0.45575	Universitatea din Bucuresti	Chimie
36	M. Badea, R. Olar, D. Marinescu, G. Vasile	Thermal stability of new complexes bearing both acrylate and aliphatic amine as ligands	articol	J. Therm. Anal. Calor.	92	1	2008	205-208	0.45575	Universitatea din Bucuresti	Chimie
37	V.V. Grecu, R. Olar, M. Badea,	Magnetic characterization of some nanometric iron oxides	articol	Hyperfine Interact.	183	1-3	2008	205-214		Universitatea din Bucuresti	Chimie
38	M. Angelusiu, M. Negoiu, T. Rosu	Coordination compounds of some 3d-transition metal ions with N <sup>1</sup> -[4-(4-bromophenylsulphonyl)-benzoyl]-N <sup>4</sup> -(4-metoxiphenyl)-thiosemicarbazide	articol	Revista de Chimie	59	7	2008	726-729	0.09274	Universitatea din Bucuresti	Chimie

39	V. Cîrcu, T. Rosu,	Spectral studies on Pt(II) and Pd(II) complexes with N-benzoil-N'-aryl thiourea derivatives	articol	Revista de Chimie	59	8	2008	934-938	0.09274	Universitatea din Bucuresti	Chimie
40	V. Cîrcu, M. Ilis,	New liquid crystalline materials based on ortho-metallated palladium(II) and platinum(II) complexes with S,O-donor co-ligands	articol	J. Optoelectro n. Adv. Mater.	10	12	2008	3454-3460	0.33626	Universitatea din Bucuresti	Chimie
41	A. Kriza	Coordination compounds of several transition metals with phenyl-2-pyridyl-ketone	articol	Rev. Chimie	59	5	2008	505-510	0.09274	Universitatea din Bucuresti	Chimie
42	AC Tenchiu, M. Ilis , Circu V	Synthesis, characterization and thermal behaviour of ortho-metallated Pd(II)complexes containing N-benzoylthiourea derivatives	articol	Polyhedron	27		2008	3537 – 3544	1.09137	Universitatea din Bucuresti	Chimie
43	Ferbinteanu, M.	Magnetic manifestations of competing intra- and inter-chain coupling effects in a new Fe(III)-Mn(III) cyanide-bridged complex	articol	SOLID STATE SCIENCES	10	7	2008	915-920	1.44771	Universitatea din Bucuresti	Chimie



44	A. Emandi	Laser-Induced Change in the Refractive Index in the Systems Based on Nanostructured Polyimide: Comparative Study with Other Photosensitive Structures	articol	Mol. Cryst. Liq. Cryst.	486		2008	1043-1047	0.36041	Universitatea din Bucuresti	Chimie
45	A. Kriza, M.L.Dianu	Studies on the complexes of Cu(II), Ni(II), Co(II), Mn(II), Zn(II), Cd(II) with the isonicotinoylhydrazo ne-3-aldehydeindole	articol	Asian J. Chem.	20	2	2008	1627-1632	0.10201	Universitatea din Bucuresti	Chimie
46	Negoiu, M.;	Condensed waters in oil industry - Inhibition of corrosion processes.	articol	REVISTA DE CHIMIE	59	1	2008	25-29	0.09274	Universitatea din Bucuresti	Chimie
47	M. Calinescu, A. Emandi,	Magnetic, Optical and Biological Studies on Copper(II) Complexes with 2-benzothiazolyl Hydrazones. II	articol	Rev. Chimie	59	12	2008	1322-1326	0.09274	Universitatea din Bucuresti	Chimie
48	Zarafu I, Ivan LV	Nota IV. Cercetări privind sinteza și activitatea biologică a 1,2,4-tiadiazolilor-3,5-disubstituiți utilizând ca precursori sărurile de ditiazoliu	articol	rev chim	1	59	2008	101-105	0.09274	Universitatea din Bucuresti	Chimie

49	Potmischil F, Marinescu M, Hillebrand M	Hydroacridines: part 29. <sup>15</sup> N NMR chemical shifts of 9- substituted 1,2,3,4,5,6,7,8- octahydroacridines and their N-oxides – Taft, Swain-Lupton, and other types of linear correlations	articol	Magnetic Resonance in Chemistry	12	46	2008	1141-1147	1.20556	Universitatea din Bucuresti	Chimie
50	Paraschivescu CC, Dumitrascu F, Draghici C, Ruta LL, Matache M, Baciu I, Dobrota C	New non- symmetrical 2,5- disubstituted 1,3,4- oxadiazoles bearing a benzo[b] thiophene moiety	articol	arkivok		part 13	2008	198-206	0.47705	Universitatea din Bucuresti	Chimie
51	Zalaru C	X-ray structures and pharmacological activities of lidocaine derivatives	articol	struct. Chem.	6	19	2008	917-922	0.74189	Universitatea din Bucuresti	Chimie
52	Zalaru C, Neata M	New pyrazole derivatives with potential local anesthetic activity	articol	revue roum. Chim.	4	53	2008	267	0.12983	Universitatea din Bucuresti	Chimie
53	M. Neata, Ch. Zalaru	New pyrazole derivatives with potential local anesthetic activity		Revue Roum. Chim. 53, 4, 267-269	4	53	2008	267-269	0.12983	Universitatea din Bucuresti	Chimie
54	Angelescu E, Pavel OD, Florea M , Zavoianu R	The impact of the "memory effect" on the catalytic activity of Mg/Al; Mg,Zn/Al; Mg/Al,Ga hydrotalcite-like compounds used as catalysts for cyclohexene epoxidation	articol	Applied Catalysis A: General	1	341	2008	50-57	1.76502	Universitatea din Bucuresti	Chimie

55	Pavel OD, Angelescu E, Serban S	The activity of Mg/Al reconstructed hydrotalcites by memory effect in the cyanoethylation reaction	articol	Catalysis Communications	10	9	2008	1974-1978	1.17619	Universitatea din Bucuresti	Chimie
56	Ropot M, Angelescu E, Zavoianu R	The influence of the preparation of Zr(OH) <sub>4</sub> precursor on the catalytic performances of ZrO <sub>2</sub> /SO <sub>4</sub> <sup>2-</sup> in the isomerization of n-butane	articol	Revista de Chimie	3	59	2008	292-296	0.09274	Universitatea din Bucuresti	Chimie
57	Mantarosie L, Coman S, Parvulescu VI	Comparative behavior of various lipases in benign water and ionic liquids solvents	articol	J. Mol. Catal. A: Chemical	2	279	2008	223-229	1.27221	Universitatea din Bucuresti	Chimie
58	Paun C, Stere C, Coman SM, Parvulescu VI	Acylation of sulfonamides using silica grafted 1-butyl-3-(3-triethoxysilylpropyl)-4,5-dihydroimidazolium ionic liquids as catalysts	articol	Catal. Today	1	131	2008	98-103	2.98765	Universitatea din Bucuresti	Chimie
59	Tiseanu C, Gagea B, Parvulescu V	Photoluminescence spectra and dynamics of lanthanide-doped microporous-mesoporous materials	articol	J. Lumin.	5	128	2008	751-753	1.59942	Universitatea din Bucuresti	Chimie

60	F. Neatu, M. Besnea, V.I. Parvulescu	Hydrotalcite docked Rh-TPPTS complexes as efficient catalysts for the arylation of 2-cyclohexen-1-one in neat water	articol	Catal. Today , 139,3, 161-167	3	139	2008	161-167	2.98765	Universitatea din Bucuresti	Chimie
61	Cojocaru B, Parvulescu V	Direct Time-Resolved Detection of Singlet Oxygen in Zeolite-Based Photocatalysts	articol	Langmuir	9	24	2008	4478-4481	3.85781	Universitatea din Bucuresti	Chimie
62	Neatu F, Parvulescu VI,	Synphos modified Pt nanoclusters, their heterogenization by silica sol-gel entrapment, and catalytic activity in hydrogenolysis of bicyclo[2.2.2]oct-7-enes and hydrogenation of ethyl pyruvate	articol	Nanotechnology	22	19	2008	225702	3.4387	Universitatea din Bucuresti	Chimie
63	Parvulescu V, Paun C	Efficient heterogeneous asymmetric catalysis of the Mukaiyama aldol reaction by silica- and ionic liquid-supported Lewis acid copper(II) complexes of bis(oxazolines)	articol	Adv. Synth. & Catal.	2	350	2008	295-302	4.64231	Universitatea din Bucuresti	Chimie
64	Parvulescu VI	Size Tunable Gold Nanorods Evenly Distributed in the Channels of Mesoporous Silica	articol	ACS Nano	6	2	2008	1205-1212	8.36785	Universitatea din Bucuresti	Chimie

65	Neatu F Parvulescu VI ,	Iron oxide colloids and their heterogenization by silica sol-gel entrapment: Catalytic and magnetic properties	articol	Appl. Catal. A: General	1	346	2008	28-35	1.76502	Universitatea din Bucuresti	Chimie
66	Tiseanu C, Parvulescu V,Gagea B	Europium(3+): An Efficient Luminescence Probe for the Si to Al Ratio and Silylation Effects in the Microporous-Mesoporous Zeogrid Materials	articol	J. Phys. Chem.B	34	112	2008	10552-10562	2.25101	Universitatea din Bucuresti	Chimie
67	Tiseanu C, Parvulescu VI	Photoluminescence study of terbium-exchanged ultrastable Y zeolites: Number of species, photoluminescence decays, and decay-associated spectra	articol	J. Appl. Phys.	3	104	2008	033530	1.85021	Universitatea din Bucuresti	Chimie
68	Neatu F, Parvulescu VI	Rh- TPPTS/LDH- A new heterogeneous catalyst for the synthesis of functionalized g-lactone	articol	Stud. Surf. Sci. Catal.		174	2008	1057-1062	1.26829	Universitatea din Bucuresti	Chimie
69	Neatu F, Parvulescu VI,	Heterogeneous gold catalysts for efficient access to functionalized lactones	articol	Chem. Eur. J.	30	14	2008	9412-9418	4.92736	Universitatea din Bucuresti	Chimie

70	C. Paun, V. I. Parvulescu, I. Podolean	Ionic Liquid Effect on the Reversal of Configuration for the Magnesium(II) and Copper(II) Bis(oxazoline)-Catalysed Enantioselective Diels–Alder Reaction	articol	Adv. Synth. Catal.	16	350	2008	2473 – 2476	4.64231	Universitatea din Bucuresti	Chimie
71	Coman SM	Catalytic performance of nanoscopic AlF <sub>3</sub> based catalysts in the synthesis of (all- <i>rac</i> )- $\alpha$ -tocopherol	articol	Adv. Synth. & Catal	16	350	2008	2517-2524	4.64231	Universitatea din Bucuresti	Chimie
72	Coman SM	Novel Sol-Gel Synthesis of acidic MgF <sub>2-x</sub> (OH) <sub>x</sub> materials	articol	Chem. Eur. J.	36	14	2008	11488-11499	4.92736	Universitatea din Bucuresti	Chimie
73	Urlan F (Urlan, Florentina) <sup>1</sup> , Marcu IC (Marcu, Ioan-Cezar) <sup>1</sup> , Sandulescu I (Sandulescu, Ioan) <sup>1</sup>	Oxidative dehydrogenation of <i>n</i> -butane over titanium pyrophosphate catalysts in the presence of carbon dioxide	articol	Catal. Commun	14	9	2008	2403-2406	1.17619	Universitatea din Bucuresti	Chimie
74	Mitran G, Marcu IC, Florea M, Sandulescu I	Mo-V-M-O (M = Ni, Cu, Zn, Sb, Ta) mixed metal oxide prepared by solid-solid reaction for oxidative dehydrogenation of isobutane	articol	Rev. Roum.Chim	5	53	2008	391-397	0.12983	Universitatea din Bucuresti	Chimie

75	Mitran G (Mitran, Gheorghita)1, Marcu IC (Marcu, Ioan-Cezar)1, Urda A (Urda, Adriana)1, Sandulescu L (Sandulescu, Loan)1	Oxidative dehydrogenation of isobutane over V-Mo-(Ni)-O catalysts	articol	Rev. Roum.Chim	5	53	2008	383-390	0.12983	Universitatea din Bucuresti	Chimie
76	Marcu IC Sandulescu I	Mechanism of <i>n</i> -butane oxidative dehydrogenation over tetravalent pyrophosphates catalysts	articol	Appl. Catal. A	1	334	2008	207-216	1.76502	Universitatea din Bucuresti	Chimie
77	Mitran G, Marcu IC, Sandulescu	Isobutane selective oxidation on V-Mo-O mixed oxide catalysts	articol	J. Serb. Chem. Soc.	1	73	2008	55-64	0.54714	Universitatea din Bucuresti	Chimie
78	Tudorache M, Bala C	Sensitive Aflatoxin B1 determination using magnetic particlesbased enzyme-linked immunosorbent assay	articol	Sensors	12	8	2008	7571-7580	1.16146	Universitatea din Bucuresti	Chimie
79	Sandulescu M	Analysis of triazines and associated metabolites with electrospray ionization field-asymmetric ion mobility spectrometry/mass spectrometry	articol	Analytical Science	8	24	2008	973-978	0.8057	Universitatea din Bucuresti	Chimie

80	Farcasanu IC	The Antioxidant Response Induced by <i>Lonicera caerulea</i> Berry Extracts in Animals Bearing Experimental Solid Tumors	articol	Molecules	5	13	2008	1195-1206	0.66247	Universitatea din Bucuresti	Chimie
81	Oprea E, Farcasanu IC	Chemical and biological studies of <i>Ribes nigrum</i> L. buds essential oil	articol	Biofactors	1	34	2008	40614	0.41276	Universitatea din Bucuresti	Chimie
82	C. Mihailciuc	Electrodeposition, characterization and application of Pt/CoHCF modified electrode	articol	Rev. Roum. Chim	6	53	2008	447-452	0.12983	Universitatea din Bucuresti	Chimie
83	C. Mihailciuc	Electrodeposition, characterization and application of Pt/P3MT modified electrode	articol	Rev. Roum. Chim	6	53	2008	453-457	0.12983	Universitatea din Bucuresti	Chimie
84	M. Enache, C. Bendic, E. Volanschi	Spectroelectrochemistry of the redox activation of anti-cancer drug mitoxantrone	articol	Bioelectrochemistry		72	2008	10-20	1.69136	Universitatea din Bucuresti	Chimie
85	D. Oancea, A. Stuparu, M. Nita, M. Puiu, A. Raducan	Estimation of the overall kinetic parameters of enzyme inactivation using an isoconversional method	articol	Biophys Chemistry,		138	2008	50-54	1.10861	Universitatea din Bucuresti	Chimie
86	M. Puiu, A. Raducan, I. Babaligea, D. Oancea	Oxidase peroxidase reaction: kinetics of peroxidase-catalysed oxidation of 2-aminophenol	articol	Bioprocess and Biosystems Engineering,		31	2008	579-586	1.10861	Universitatea din Bucuresti	Chimie



87	D. Oancea, O. Staicu, V. Munteanu, D. Razus	Catalytic combustion of the stoichiometric n-butane/air mixture on isothermally heated platinum wire	articol	Catal. Lett.		121	2008	247-254	0.93644	Universitatea din Bucuresti	Chimie
88	A. Raducan, A. Olteanu, M. Puiu, D. Oancea	Influence of surfactants on the fading of malachite green	articol	Centr. Eur. J. Chem.,	1	6	2008	89-92	0.75734	Universitatea din Bucuresti	Chimie
89	C. Podina	Synthesis of labeled compounds using recovered tritium from expired beta light sources	articol	FUSION SCIENCE AND TECHNOLOGY	2	54	2008	643-646	0.77655	Universitatea din Bucuresti	Chimie
90	B. JURCA	Synthesis of nanosized bismuth ferrite (BiFeO <sub>3</sub> ) by a combustion method starting from Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O-Bi(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O-glycine or urea systems	articol	J. Thermal. Anal. Cal.,	2	94	2008	411-416	0.45575	Universitatea din Bucuresti	Chimie
91	N. Marr, A. Tirsoaga, D. Blanot, R. Fernandez, M. Caroff	Glucosamine found as a substituent of foth phosphate groups in Bordetella lipid A backbones: role of a BvgAS-activated ArnT ortholog	articol	Journal of Bacteriology	12	190	2008	4281-4290	1.81751	Universitatea din Bucuresti	Chimie

92	E. Segal	COPPER(II) OXALATE OBTAINED THROUGH THE REACTION OF 1,2-ETHANEDIOL WITH Cu(NO <sub>3</sub> ) <sub>2</sub> ·3H <sub>2</sub> O Structural investigations and thermal analysis	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	3	96	2008	979-986	0.45575	Universitatea din Bucuresti	Chimie
93	E. Segal	ERRORS IN EVALUATION OF THE KINETIC PARAMETERS IN TEMPERATURE PROGRAMMED REDUCTION	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1	94	2008	317-321	0.45575	Universitatea din Bucuresti	Chimie
94	E. Segal	Thermal decomposition kinetics of some aromatic azomonoethers - Part II. Non-isothermal study of three liquid crystals in dynamic air atmosphere	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1	92	2008	233-238	0.45575	Universitatea din Bucuresti	Chimie
95	E. Segal	Thermal analysis and thin films deposition by matrix assisted pulsed laser evaporation of a 4CN type azomonoether	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1	92	2008	279-284	0.45575	Universitatea din Bucuresti	Chimie

96	E. Segal	Heteroleptic cadmium(II) complex, potential precursor for semiconducting Cds layers - Thermal stability and non-isothermal decomposition kinetics	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	3	91	2008	903-909	0.45575	Universitatea din Bucuresti	Chimie
97	Nedelcu M, Podina C, Mihalcea I	Study of high precision of low absorbed dose determinations using chemical dosimetry	articol	Rev. Chim. (Bucuresti)	1	59	2008	33-36	0.09274	Universitatea din Bucuresti	Chimie
98	O. Staicu, V. Munteanu, D. Razus, D. Oancea	Overall kinetics of isobutane catalytic combustion on a platinum wire at high temperatures	articol	Rev. Roum. Chim	4	53	2008	277-282	0.12983	Universitatea din Bucuresti	Chimie
99	M. Enache, E. Volanschi	Fluorescence study of the interaction of antitumor drug Actinomycin D with double stranded DNA	articol	Rev. Roum. Chim	9	53	2008	841-846	0.12983	Universitatea din Bucuresti	Chimie
100	A. Latus, E. Volanschi	Electrochemical and spectral study of the redox behaviour and cordiotoxicity of anticancer drugs with anthraquinone structure: quinizarin	articol	Rev. Roum. Chim	12	53	2008	1131-1140	0.12983	Universitatea din Bucuresti	Chimie

101	C. Tablet, M. Fifirig, M. Hillebrand	An Alternative Approach on Electron Transfer Mechanism of the Fluorescence Quenching of 3-Carboxy-5,6-benzocoumarin by Some Aromatic Amines	articol	Rev. Roum. Chim	2	53	2008	113-117	0.12983	Universitatea din Bucuresti	Chimie
102	C. Tablet, M. Hillebrand	Experimental and Theoretical Study of the Inclusion Complexes of the 5.6-Benzocoumarinic Acid with Cyclodextrins	articol	Spectrochim . Acta A		70	2008	740-748	0.82879	Universitatea din Bucuresti	Chimie
103	B. Iorga	Paradoxial effects of endurance training and chronic hypoxia on soleus myofibrillar ATPase activity	articol	American Journal of Physiology – Regulatory, Integrative and Comparative Physiology	6	294	2008	R1911-R1918	1.6077	Universitatea din Bucuresti	Chimie
104	B. Iorga	Lys184 deletion in troponin I impairs relaxation kinetics and induces hypercontractility in murine cardiac myofibrils	articol	Cardiovascular Research		77	2008	676-686	3.4524	Universitatea din Bucuresti	Chimie

105	Marcela Bucur, Octavian G. Dului, Viorica Meltzer, Elena Pincu	Electron beam irradiation of Matricaria chamomilla L. for microbial decontamination	articol	Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms	10	266	2008	2520-2523	1.10935	Universitatea din Bucuresti	Chimie
106	Leca M.	Materials for anticorrosive protection of cellular bodies of rotatory air preheaters from energentic installations. Modification and rheological characterization of some epoxy resins	articol	Revista de chimie	4	59	2008	448-452	0.09274	Universitatea din Bucuresti	Chimie
107	Staicu T, Micutz M, Cristescu G, Leca M	Temperature influence on surfactant adsorption onto poly(vinyl acetate) lattices prepared via surfactant-free emulsion polymerization	articol	Revue Roumaine de Chimie	6	53	2008	481-487	0.12983	Universitatea din Bucuresti	Chimie
108	O. Cinteza	Facile preparation of impurity doped CdS nanoparticles in new polymeric templates	articol	Molecular Crystals and Liquid Crystals		483	2008	244-257	0.36041	Universitatea din Bucuresti	Chimie
109	O. Cinteza	Removal of some nitrophenol contaminants using alginate gel beads	articol	Colloid and Surf. A		319	2008	165-172	0.93001	Universitatea din Bucuresti	Chimie

110	M. Joita	On representations associated with completely n-positive linear maps on pro-C*-algebras	articol	Chinese Annals of Mathematics, Series B	1	29	2008	55-64	0.59756	Universitatea din Bucuresti	Chimie
111	A. Soare, V. Chiosa, C. Mandravel	The Characterization of Some Steel Corrosion Products by FT-IR Spectroscopy	articol	Rev. Chim. (Bucuresti)	11	59	2008	1266-	0.09274	Universitatea din Bucuresti	Chimie
112	M. Joita	A Radon-Nikodym theorem for completely multi-positive linear maps on pro-C*-algebras and its applications	articol	Publications Mathematicae Debrecen	1-2	72	2008	55-67	0.56098	Universitatea din Bucuresti	Chimie
113	M. Joita	On multiplier modules of Hilbert modules over locally C*-algebras	articol	Studia Math	3	185	2008	263-277	0.95122	Universitatea din Bucuresti	Chimie
114	M. Joita	On frames in Hilbert modules over pro-C*-modules	articol	Topology and its Applications		156	2008	83-92	0.57785	Universitatea din Bucuresti	Chimie
115	Fifirig M., M. Stroe	Dissociative excitation in electron collisions with HD+	articol	Phys Scr	6	78	2008		0.75172	Universitatea din Bucuresti	Chimie
116	M. Stroe	Low-frequency atomic stabilization and dichotomy in superintense laser fields: Full Floquet results	articol	Phys. Rev. A	3	78	2008		3.16959	Universitatea din Bucuresti	Chimie

117	M. Stroe	Low-frequency atomic stabilization and dichotomy in superintense laser fields from the high-intensity high-frequency Floquet theory	articol	Phys. Rev. A	3	78	2008		3.16959	Universitatea din Bucuresti	Chimie
118	Olteanu M,	Measurement and interpretation of wetting properties of new collagen-silicate biomaterial	articol	Revue Roumaine de Chimie	2	53	2008	157-163	0.12983	Universitatea din Bucuresti	Chimie
119	Olteanu M	Kinetic study of maltodextrine saccharification process using Amyloglucosidase covalently immobilised	articol	Revista de chimie	1	59	2008	30-32	0.09274	Universitatea din Bucuresti	Chimie
<b>TOTAL 2008</b>									<b>142.72024</b>		
1	F.Tache, V.David	Retention behaviour of two biguanidines in liquid chromatography based on cyano stationary phase	articol	Revue Roumaine de Chimie		54	2009	359-362	0.12983	Universitatea din Bucuresti	Chimie
2	V.David, A.Medvedovici	Validation of an LC-MS/MS assay of terpene trilactones in Ginkgo Biloba extracts and pharmaceutical formulations through standard additions method	articol	Journal of Pharmaceutical and Biomedical Analysis	3	50	2009	459-468	1.21261	Universitatea din Bucuresti	Chimie

3	A.Medvedovici, V.David	Assay of free captopril in human plasma as monobromobimane derivative, using RPLC/(+)ESI/MS/MS: validation aspects and bioequivalence evaluation	articol	Biomedical Chromatography	10	23	2009	1092-1100	0.83215	Universitatea din Bucuresti	Chimie
4	V.David, F.Tache, A.Medvedovici	HPLC/DAD assay of related impurity ethyl-4-oxopiperidine-1-carboxylate in loratadine through derivatization with 2,4-dinitrophenylhydrazine	articol	Journal of Liquid Chromatography and Related Technologies	17	32	2009	2569-2583	0.52492	Universitatea din Bucuresti	Chimie
5	V.David, A.Medvedovici	Competitional hydrophobicity driven separations under RP-LC mechanism: application to sulphonylurea congeners	articol	Journal of Separation Science	18	32	2009	3099-3106	1.37742	Universitatea din Bucuresti	Chimie
6	V.David, A.Medvedovici	Large volume injection of hexane solutions in RP/LC to enhance on sensitivity of the assay of ginkolic acids in Gingko biloba standardized extracts	articol	Journal of Liquid Chromatography and Related Technologies	1	33	2010	133-149	0.52492	Universitatea din Bucuresti	Chimie
7	I.Gh. Tănase	Forensic Analysis of Color Toners by Raman Spectroscopy	articol	Instrumentation Science & Technology	1	37	2009	23-29	0.34635	Universitatea din Bucuresti	Chimie



8	I. Gh. Tănase	Infrared Spectroscopy in Qualitative Analysis of Laser Printer and Photocopy Toner on Questioned Documents	articol	Instrumentation Science & Technology	1	37	2009	30-39	0.34635	Universitatea din Bucuresti	Chimie
9	I. Gh. Tănase	Infrared spectrometry in discriminant analysis of laser printer and photocopy toner on questioned documents	articol	Instrumentation Science & Technology	2	37	2009	230-240	0.34635	Universitatea din Bucuresti	Chimie
10	I. Gh. Tănase	The validation of the method for iron determination in Roumanian wines using flame atomic absorption spectrometry	articol	Revue Roumaine de Chimie	3	54	2009	247-254	0.12983	Universitatea din Bucuresti	Chimie
11	Dumitrescu V., Tanase I. Gh.	The optimization of the methods for Cu, Zn and Pb content determination in Romanian wines by AAS after dry or microwave mineralization	articol	Rom. Biotech. Lett.	2	14	2009	4320-4326	0	Universitatea din Bucuresti	Chimie
12	A.I.Stoica	Cobaltabisdicarboli de anion receptor for enantiomer-selective membrane electrodes	articol	Chemical Communications		48	2009	6492-6494	4.70479	Universitatea din Bucuresti	Chimie
13	Z.Moldovan	Indirect Determination of Ranitidine Hydrochloride Using a Chloride Ion Selective Electrode	articol	Analytical Letters; Chemistry	17	42	2009	2928-2936	0.53713	Universitatea din Bucuresti	Chimie

14	M.C. Cheregi, A.F. Danet,	Total Antioxidant Capacity of Some Commercial Fruit Juices: Electrochemical and Spectrophotometric Approaches	articol	Molecules	1	14	2009	480-493	0.66247	Universitatea din Bucuresti	Chimie
15	A. Arvinte, C. Bala	Development of an electrochemical biosensor for AFB 1 detection in olive oil	articol	Biosensors and Bioelectronics		24	2009	1962-1968	2.516	Universitatea din Bucuresti	Chimie
16	A. Arvinte, L. Rotariu, C. Bala, A. M. Gurban	Synergistic effect of mediator-carbon nanotube composites for dehydrogenases and peroxidases based biosensors	articol	Bioelectrochemistry	1	76	2009	107-114	1.213	Universitatea din Bucuresti	Chimie
17	R. C., Duca, Vlădescu, L., Badea, I. A.,	Development of a New HPLC Method Used for Determination of Zearalenone and Its Metabolites in Broiler Samples. Influence of Zearalenone on the Nutritional Properties of Broiler Meat	articol	Journal of Agricultural and Food Chemistry		57	2009	10497-10504	4.20063	Universitatea din Bucuresti	Chimie
18	L.Mutihac	The formation of alkali and alkaline earth cation complexes with cucurbit[6]uril in aqueous solution: A critical survey of old and new results	articol	J. Incl. Phenom. Macrocycl. Chem.		65	2009	293-297	0.95209	Universitatea din Bucuresti	Chimie

19	L.Mutihac	The formation of homogeneous and heterogeneous 2:1-complexes between dialkyl- and diarylammonium ions and $\beta$ -cyclodextrin and cucurbit[6]uril in aqueous formic acid	articol	Thermochimica Acta		495	2009	28-32	1.03561	Universitatea din Bucuresti	Chimie
20	L. Kim, A.-D. Stancu, L. Mutihac,	Extraction and transport behavior of aromatic amino acids by modified cyclodextrin	articol	Supramolecular Chemistry	1	21	2009	131-134	1.37558	Universitatea din Bucuresti	Chimie
21	L.Kim, L.Mutihac	Extraction behaviour of amino acid esters by functionalised calix[4]arenes	articol	J. Incl. Phenom. Macrocycl. Chem.		64	2009	95-100	0.95209	Universitatea din Bucuresti	Chimie
22	Iordache P.Z., Hotaranu A., Mutihac L.,	The obtaining of nanocomposite slurries with practical application in real time biological fixing	articol	Journal of Optoelectronics and Advanced Materials	5	11	2009	736-743	0.33626	Universitatea din Bucuresti	Chimie
23	Tencaliec A.	New approach of constructing biosensing matrices by physical and chemical crosslinking of biotin-alginate with alginate-pyrrole	articol	Electrochimica Acta	18	54	2009	4359-4364	1.62912	Universitatea din Bucuresti	Chimie

24	Tencaliec A.	Amperometric biosensor based on the electro-copolymerization of a conductive biotinylated-pyrrole and alginate-pyrrole	articol	Synthetic Metals	12	159	2009	1117-1122	1.81651	Universitatea din Bucuresti	Chimie
25	M. Andruh	3d-4f Combined chemistry: Synthetic strategies and magnetic properties.	articol	INORGANIC CHEMISTRY	8	48	2009	3342-3359	2.39483	Universitatea din Bucuresti	Chimie
26	C. D. Ene, C. Maxim, M. Andruh	A trinuclear copper(II) complex with 2,5-pyridine-dicarboxylato bridges: $[\text{Cu}_3(2,5\text{-pydc})_2(\text{Me}_5\text{dien})_2(\text{H}_2\text{O})_2](\text{BF}_4)_2 \cdot \text{H}_2\text{O}$ : synthesis, crystal structure and magnetic properties.	articol	INORGANICA CHIMICA ACTA	5	362	2009	1660-1664	1.05993	Universitatea din Bucuresti	Chimie
27	S. Nastase, C. Maxim, M. Andruh	First binuclear Cr(III)-Mn(III) oxalato-bridged complexes: Synthesis, crystal structures and magnetic properties.	articol	POLYHEDRON	9-10	28	2009	1688-1693	1.09137	Universitatea din Bucuresti	Chimie
28	R. Gheorghe, M. Andruh	EPR investigation of the spin-spin interactions in a Cu(II)-Gd(III)-Fe(III) heterospin system.	articol	APPLIED MAGNETIC RESONANCE	4	35	2009	613-623	0.69575	Universitatea din Bucuresti	Chimie
29	A. Cucos, M. Andruh	A heterometallic chain constructed from binuclear $[\text{Cu}(\text{II})\text{Mn}(\text{II})]$ nodes and trans- $[\text{Cr}(\text{NCS})_4(\text{pyz})_2]^-$ spacers.	articol	REVUE ROUMAINE DE CHIMIE	2	54	2009	119-125	0.12983	Universitatea din Bucuresti	Chimie

30	C. D. Ene, A. M. Madalan, C. Maxim, B. Jurca, M. Andruh	Constructing robust channel structures by packing metallacalixarenes: reversible single-crystal-to-single-crystal dehydration.	articol	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	13	131	2009	4586-4587	8.36167	Universitatea din Bucuresti	Chimie
31	M. Badea, R. Olar, D. Marinescu, G. Vasile, B. Jurca, A. M. Madalan, M. Andruh	A Michael-type reaction between acrylate ions and ethylenediamine coordinated to Ni(II). Synthesis, crystal structure and magnetic properties of $[\text{Ni}_2(\text{EDDP})_2(\text{H}_2\text{O})_2] \cdot 2\text{H}_2\text{O}$ ( $\text{H}_2\text{EDDP}$ = ethylenediamine-N,N-dipropionic acid).	articol	INORGANIC CHEMISTRY COMMUNICATIONS	6	12	2009	555-557	0.96592	Universitatea din Bucuresti	Chimie
32	M. Andruh, D. G. Branzea, R. Gheorghe, A. M. Madalan	Crystal engineering of hybrid inorganic-organic systems based upon complexes with dissymmetric compartmental ligands.	articol	CRYSTENGCOMM	12	11	2009	2571-2584	2.6677	Universitatea din Bucuresti	Chimie
33	C. Maxim, M. Andruh	New photomagnetic cyanido-bridged $\text{Cu}^{\text{II}}\text{-Mo}^{\text{IV}}$ oligonuclear complexes: slight modification of the blocking ligands induces different structures.	articol	DALTON TRANSACTIONS	37		2009	7805-7810	2.07286	Universitatea din Bucuresti	Chimie

34	C. Maxim, M. Andruh	Magnetic properties and spin dynamics in single molecule paramagnets Cu <sub>6</sub> Fe and Cu <sub>6</sub> Co.	articol	PHYSICAL REVIEW B	9	80	2009	094413	2.5522	Universitatea din Bucuresti	Chimie
35	A. M. Madalan, M. Andruh	First heterotrimetallic {3d-4d-4f} Single Chain Magnet, constructed from anisotropic high-spin heterometallic nodes and paramagnetic spacers.	articol	CHEMISTRY-A EUROPEAN JOURNAL	44	15	2009	11808-11814	4.92736	Universitatea din Bucuresti	Chimie
36	Ferbinteanu, M.	Magnetic anisotropy and molecular assembling in d complex cation-f complex anion type coordination compounds	articol	SOLID STATE SCIENCES	11	4	2009	760-765	1.44771	Universitatea din Bucuresti	Chimie
37	Ferbinteanu, M.	The DFT rationalization of exchange and anisotropy in one-dimensional d-p magnets: The [Mn-III(porphyrin)][TCNE] case study	articol	POLYHEDRON	28	9	2009	2039-2043	1.09137	Universitatea din Bucuresti	Chimie
38	M. Angelusiu, M. Negoiu, T. Rosu	Studies on coordination compounds of some 3d-transition metal ions with acyl-thiosemicarbazide	articol	Asian J. Chem.	21	3	2009	2005-2012	0.10201	Universitatea din Bucuresti	Chimie

39	V. Cîrcu, T. Rosu, M. Ilis	Mesomorphic behaviour and TSDC measurements of ortho-metallated palladium(II) and platinum(II) complexes with S,O-donor co-ligands	articol	Liquid Crystals	36	2	2009	123-132	0.88832	Universitatea din Bucuresti	Chimie
40	V. Cîrcu	Selective functionalisation of Re6 cluster anionic units: from hexahydroxo $[Re_6Q_8(OH)_6]^{4-}$ (Q = S, Se) to neutral trans- $[Re_6Q_8L_4L'_2]$ hybrid building blocks	articol	Dalton Trans.		8	2009	1297-1299	2.07286	Universitatea din Bucuresti	Chimie
41	V. Cîrcu, M. Ilie, M. Ilis, I. Neagoe, S. Pasculescu	Luminescent cyclometallated platinum(II) complexes with N-benzoyl thiourea as ancillary ligands	articol	Polyhedron	28		2009	3739-3746	1.09137	Universitatea din Bucuresti	Chimie
42	M. Badea, R. Olar, D. Marinescu, V. Lazar, C. Chifiriuc, G. Vasile	Thermal behaviour of new biological active cadmium mixed ligands complexes	articol	J. Therm. Anal. Calor.	97	2	2009	781-785	0.45575	Universitatea din Bucuresti	Chimie
43	R. Olar, M. Badea, D. Marinescu, V. Lazar, C. Chifiriuc	Thermal behaviour of new Ni(II) and Cu(II) complexes with macrocyclic ligands functionalised with 1,2,4-triazole	articol	J. Therm. Anal. Calor.	97	1	2009	315-321	0.45575	Universitatea din Bucuresti	Chimie

44	R. Olar, M. Badea, D. Marinescu, V. Lazar, C. Chifiriuc	New complexes of Ni(II) and Cu(II) with Schiff bases functionalised with 1,3,4-thiadiazole: spectral, magnetic, biological and thermal characterisation	articol	J. Therm. Anal. Calor.	97	2	2009	721-727	0.45575	Universitatea din Bucuresti	Chimie
45	Mihaela Badea, Rodica Olar, Dana Marinescu,	Thermal decomposition of some biologically active complexes of ruthenium (III) with quinolone derivatives	articol	J. Therm. Anal. Calor.	97	2	2009	735-739	0.45575	Universitatea din Bucuresti	Chimie
46	V. Parvulescu, R. Ene, T. D. Pasatoiu, M. Andruh	Cu(II) complexes immobilized on functionalized mesoporous silica as catalysts for biomimetic oxidations.	articol	JOURNAL OF MATERIALS SCIENCE	24	44	2009	6795-6804	1.0051	Universitatea din Bucuresti	Chimie
47	Kriza A.; Maxim C.	Metal(II) Nitrate Complexes with Phenyl-2-Pyridil-Ketone: Synthesis, Characterization and Antibacterial Activity	articol	SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC	39	7	2009	419-424	0.31022	Universitatea din Bucuresti	Chimie
48	Kriza A.	Complex Combinations of Some Transitional Metals with the Isonicotinic Acid Hydrazide	articol	REVISTA DE CHIMIE	60	8	2009	774-777	0.09274	Universitatea din Bucuresti	Chimie
49	Kriza A.	Synthesis, Structural and Biological Studies of Co(II), Ni(II) and Cu(II) Complexes with 2-Pyridyl-ketones	articol	REVISTA DE CHIMIE	60	3	2009	269-273	0.09274	Universitatea din Bucuresti	Chimie



50	Kriza A.; Maxim C.	Synthesis and structural studies of Co(II), Ni(II) and Cd(II) complexes with 2-acetylpyridine	articol	JOURNAL OF COORDINATION CHEMISTRY	62	7	2009	1067-1075	0.37603	Universitatea din Bucuresti	Chimie
51	Negoiu M.	Synthesis and Characterization of Ni(II), Pt(IV), Pd(II), Co(II), Au(III), Cu(II) Complexes with Mixed Ligands	articol	REVISTA DE CHIMIE	60	3	2009	222-225	0.09274	Universitatea din Bucuresti	Chimie
52	Negoiu M.	Synthesis, Characterization and Biological Activity of Some Novel Metal Complexes of Schiff Base Derived from	articol	REVISTA DE CHIMIE	60	8	2009	778-782	0.09274	Universitatea din Bucuresti	Chimie
53	A. Emandi	Thin films of Cu(II)-o,o'-dihydroxy azobenzene nanoparticle-embedded polyacrylic acid (PAA) for nonlinear optical applications developed by Matrix Assisted Pulsed Laser Evaporation (MAPLE)	articol	Applied Surface Science	255		2009	5480-5485	0.3645	Universitatea din Bucuresti	Chimie

54	L. Stoicescu	Structure and Properties of Copper(II), Manganese(III), and Iron(III) Complexes with Potentially Pentaanionic Heptadentate Ligands Including Alkoxido, Amido, and Phenoxido Donors	articol	Eur. J. Inorg. Chem.	2009	36	2009	5483-5493	1.64042	Universitatea din Bucuresti	Chimie
55	Matache M, Dobrota C, Bogdan ND, Dumitru I, Ruta LL, Paraschivescu CC, Farcasanu IC, Baciu I	Synthesis of fused dihydro-pyrimido[4,3-d]coumarins using Biginelli multicomponent reaction as key step	articol	Tetrahedron Letters	31	65	2009	5949-5957	1.42394	Universitatea din Bucuresti	Chimie
56	Stan D, Matei, Mihailescu C, Matache M, Hillebrand M, Baciu I	Spectroscopic Investigations of the Binding Interaction of a New Indanedione Derivative with Human and Bovine Serum Albumins	articol	molecules	4	14	2009	1614-1626	0.66247	Universitatea din Bucuresti	Chimie
57	Stan D, Baciu I, Nicolae A, Neagu L, Matache M	Synthesis of New 1,3-indandione Derivatives	articol	revista de chimie	3	60	2009	264-268	0.09274	Universitatea din Bucuresti	Chimie
58	Dobrota C, Paraschivescu CC, Dumitru I, Matache M, Baciu I, Ruta LL	Convenient preparation of unsymmetrical 2,5-disubstituted 1,3,4-oxadiazoles promoted by Dess-Martin reagent	articol	Tetrah. Lett.	17	50	2009	1886-1888	1.08731	Universitatea din Bucuresti	Chimie
59	Matache M, Ruta L, Dobrota C	Synthesis of New Substituted Indan-1,3-diones	articol	rev chim	9	60	2009	876-879	0.09274	Universitatea din Bucuresti	Chimie

60	Radutiu AC, Baciu I, Beteringhe A, Ionita G, Ionita P, Spataru T, Spataru N, Baratoiu RD, Contantinescu T	Wurster aza-crown ethers with <i>N</i> - <i>para</i> - phenylene- phenothiazine or - phenoxazine groups	articol	arkivok		part 13	2009	342-362	0.47705	Universitatea din Bucuresti	Chimie
61	Zalaru C Tarcomnicu I	Pharmacologically active 2-(1H- pyrazol-1- yl)acetamides	articol	arkivok		part 2	2009	308-314	0.47705	Universitatea din Bucuresti	Chimie
62	Zalaru C	Synthesis, spectroscopic, and X-ray structural characterization of pharmacologically active substituted pyrazolyl- acetanilides	articol	struct. Chem	3	20	2009	377-385	0.74189	Universitatea din Bucuresti	Chimie
63	Ionita P	Functionalized hybrid nanoparticles and their Interaction with spin-labeled cyclodextrin	articol	J. Inorg. Organomet. Polym	2	19	2009	228-233	1.1896	Universitatea din Bucuresti	Chimie
64	Potmischil F Marinescu M	Hydroacridines: part 30. 1H and 13C NMR spectra of 9- substituted 1,2,3,4,5,6,7,8- octahydroacridines and of their N- oxides	articol	Magnetic Resonance in Chemistry	12	47	2009	1031-1035	1.20556	Universitatea din Bucuresti	Chimie
65	Baciu I, Zarafu I	A new study on (2 <i>s</i> ,3 <i>s</i> )-1,4-bis- sulfanylbutane-2,3- diol	articol	rev chim	9	60	2009	909-914	0.09274	Universitatea din Bucuresti	Chimie

66	Neatu S, Sacaliuc-Parvulescu E, Parvulescu VI	Photocatalytic decomposition of acetone over dc-magnetron sputtering supported vanadia/TiO <sub>2</sub> catalysts	articol	Catal. Today	3	142	2009	165-169	2.98765	Universitatea din Bucuresti	Chimie
67	Parvulescu VI	Preparation of Rhodium Nanoparticles in Carbon Dioxide Induced Ionic Liquids and their Application to Selective Hydrogenation	articol	Angew. Chem. Int. Ed.	6	48	2009	1085-1088	10.19784	Universitatea din Bucuresti	Chimie
68	Neatu F, Parvulescu VI ,	Gold imidazolium-based ionic liquids, efficient catalysts for cycloisomerization of acetylenic carboxylic acids	articol	New J. Chem.	1	33	2009	102-106	2.34621	Universitatea din Bucuresti	Chimie
69	Florea M , Alifanti M, Parvulescu VI	Total oxidation of toluene on ferrite-type catalysts	articol	Catal. Today	3	141	2009	361-366	2.98765	Universitatea din Bucuresti	Chimie
70	Florea M	Local environment of vanadium in V/Al/O-mixed oxide catalyst for propane ammoxidation: Characterization by in situ valence-to-core X-ray emission spectroscopy and X-ray absorption spectroscopy	articol	J. Catal	1	268	2009	156-164	4.60494	Universitatea din Bucuresti	Chimie

71	Verziu M, Florea M , Parvulescu VI	Transesterification of vegetable oils on basic large mesoporous alumina supported alkaline fluorides—Evidence s of the nature of the active site and catalytic performances	articol	J. Catal	1	263	2009	56-66	4.60494	Universitatea din Bucuresti	Chimie
72	Parvulescu VI, Dobroiu S,	Effects of Support and Ligand on the Photoluminescence Properties of Siliceous Grafted Europium Complexes	articol	J. Phys. Chem. C	14	113	2009	5784-5791	2.62385	Universitatea din Bucuresti	Chimie
73	Cojocaru B , Neatu S , Parvulescu VI	Band gap effect on the photocatalytic activity of supramolecular structures obtained by entrapping photosensitizers in different inorganic supports	articol	Phys. Chem. Chem. Phys.	27	11	2009	5569-5577	2.0885	Universitatea din Bucuresti	Chimie
74	Tiseanu C, Parvulescu VI,	Species-related luminescence structure relationships in europium-exchanged mesoporous material	articol	J. Appl. Phys.	6	105	2009	063521	1.85021	Universitatea din Bucuresti	Chimie
75	Alifanti M, Parvulescu VI ,	Oxidation of ethane on high specific surface SmCoO <sub>3</sub> and PrCoO <sub>3</sub> perovskites	articol	Catal. Today	3	143	2009	309-314	2.98765	Universitatea din Bucuresti	Chimie

76	Cojocaru B , Neatu S , Parvulescu VI	Synergism of activated carbon and undoped and N-doped TiO <sub>2</sub> in the photocatalytic degradation of chemical warfare soman, VX and yperite	articol	ChemSusChem	5	2	2009	427-436	4.3524	Universitatea din Bucuresti	Chimie
77	Candu N, Coman S, Parvulescu VI	Metal Triflates Incorporated in Mesoporous Catalysts for Green Synthesis of Fine Chemicals	articol	Top. Catal	6	52	2009	571-578	2.78234	Universitatea din Bucuresti	Chimie
78	Parvulescu VI, Coman SM, Candu N	Synthesis, characterization and catalytic behavior of SnTf/MCM-41 and SnTf/UVM-7 as new green catalysts for etherification reactions	articol	J. Mater. Sci.	24	44	2009	6693-6700	1.0051	Universitatea din Bucuresti	Chimie
79	Neatu F , Coman S, Parvulescu VI	Heterogeneous Catalytic Transformation of Citronellal to Menthol in a Single Step on Ir-Beta Zeolite Catalysts	articol	Top. Catal.	9	52	2009	1292-1300	2.78234	Universitatea din Bucuresti	Chimie
80	Ion A , Parvulescu V	Sc and Zn-catalyzed synthesis of cyclic carbonates from CO <sub>2</sub> and epoxides	articol	Appl. Catal., A: General	1	363	2009	40-44	1.76502	Universitatea din Bucuresti	Chimie

81	Parvulescu VI	An expeditious synthesis of b-pyrimidyl-a,b-didehydro-a-amino acid derivatives and pyrano[2,3-d]pyrimidines using microwave-assisted conditions	articol	Tetrahedron	39	65	2009	8216-8221	1.42394	Universitatea din Bucuresti	Chimie
82	Neatu F, Parvulescu VI	Heterogeneous Au and Rh catalysts for cycloisomerization reactions of $\gamma$ -acetylenic carboxylic acids	articol	Pure & Appl. Chem.	12	81	2009	2387-2396	2.68624	Universitatea din Bucuresti	Chimie
83	Baciu I, Oprea E , Bradu C	Comparative Study on Natural Compounds with Antioxidants Properties from two Echinacea Species	articol	Revista de Chimie	5	60	2009	435-438	0.09274	Universitatea din Bucuresti	Chimie
84	Ruta L Paraschivescu C Matache M Avramescu S Farcasanu IC	Removing heavy metals from synthetic effluents using "kamikaze" Saccharomyces cerevisiae cells	articol	Appl. Microbiol. Biotechnol	3	85	2009	763-771	1.30514	Universitatea din Bucuresti	Chimie
85	Popescu I , Marcu IC Sandulescu I	Catalytic combustion of methane over unsupported and $\gamma$ -Al <sub>2</sub> O <sub>3</sub> supported Sr <sub>2</sub> FeTaO <sub>6</sub> and Sr <sub>2</sub> Fe <sub>0.7</sub> Co <sub>0.3</sub> TaO <sub>6</sub> double perovskites	articol	Rev. Roum. Chim.	11	54	2009	1111+	0.12983	Universitatea din Bucuresti	Chimie
86	Marcu IC	Catalytic valorization of bioethanol over Cu-Mg-Al mixed oxide catalysts	articol	Catal. Today	3	147	2009	231-238	2.98765	Universitatea din Bucuresti	Chimie

87	Popescu I Urda A , Marcu IC Sandulescu I	BaTiO <sub>3</sub> and PbTiO <sub>3</sub> perovskite as catalysts for methane combustion	articol	C. R. Chimie	9	12	2009	1072-1078	1.49304	Universitatea din Bucuresti	Chimie
88	Mitran G Urda A Marcu IC	Propane oxidative dehydrogenation over Ln-Mg-Al-O catalysts (Ln = Ce, Sm, Dy, Yb)	articol	Catal. Lett.	1	131	2009	250-257	0.93644	Universitatea din Bucuresti	Chimie
89	Urda A Marcu IC	Co and Ni ferros spinels as catalysts for propane total oxidation	articol	Catal. Commun.	13	10	2009	1651-1655	1.17619	Universitatea din Bucuresti	Chimie
90	Tanasoi S Urda A Sandulescu I Marcu IC	New Cu-based mixed oxides obtained from LDH precursors, catalysts for methane total oxidation	articol	Appl. Catal. A	1	363	2009	135-142	1.76502	Universitatea din Bucuresti	Chimie
91	Coman SM	Cyclisation of citronellal over heterogeneous inorganic fluorides – highly chemo- and diastereoselective catalysts to (±)-isopulegol	articol	Chem. Commun.	4		2009	460-462	4.70479	Universitatea din Bucuresti	Chimie
92	Udristioiu GE , Fleschin S	FT-IR Spectrophotometric Analysis of Ascorbic Acid and Biotin and their Pharmaceutical Formulations	articol	Analyt Lett	10	42	2009	1321-1327	0.53713	Universitatea din Bucuresti	Chimie
93	Danet AF Popa CV	The effects of $\gamma$ -irradiation on the antioxidant activity of rosemary extract	articol	J Optoelectro n Adv Mat– Rapid Commun	12	3	2009	1315-1320	0.33626	Universitatea din Bucuresti	Chimie



94	Oprea E, Cercasov C	Natural compounds and the hypoxia-inducible factor (HIF) signalling pathway	articol	Biochimie	11	91	2009	1347-1358	1.40889	Universitatea din Bucuresti	Chimie
95	Mihailescu C (Mihailescu, Carmen), Ruta L (Ruta, Lavinia)	Characterization of self-assembled monolayers (SAMs) on silicon substrate comparative with polymer substrate for <i>Escherichia coli</i> O157:H7 detection	articol	Appl Surface Sci	22	255	2009	8953-8959	1.37997	Universitatea din Bucuresti	Chimie
96	Ruta L , Baciu I	Porous Silicon Used As Support for Protein Microarray	articol	Superlattices and Microstructures	1	46	2009	69-76	0.85659	Universitatea din Bucuresti	Chimie
97	M. MANEA,V. CHIOSA,I. STANCULESCU, C. MANDRAVEL,	IR spectral study on nature of 2-pyridine aldoxime methyl chloride interaction with some sterols. III. Lanosterol and 7-dehydrocholesterol	articol	Rev. Roum. Chim	5	54	2009	399-403	0.12983	Universitatea din Bucuresti	Chimie
98	I. STANCULESCU C. BENDIC	IN SILICO STUDY OF HYDROXYL RADICAL REACTION WITH 1,2-DIMETHYL-1,2,3,4-TETRAHYDROISOQUINOLINES	articol	Rev. Roum. Chim	11-12	54	2009	1071-1076	0.12983	Universitatea din Bucuresti	Chimie
99	Constantin Mihailciuc	Electrodeposition, characterization and application of Pt/P3MT/CoHCF modified electrode	articol	Rev. Roum. Chim	4	54	2009	265-271	0.12983	Universitatea din Bucuresti	Chimie

100	O. Staicu, V. Munteanu, D. Oancea	The effect of operational parameters on the catalytic combustion of n-butane/air mixture on platinum wire	articol	Catal. Lett.		129	2009	124-129	0.93644	Universitatea din Bucuresti	Chimie
101	O. Staicu, D. Razus, V. Munteanu, D. Oancea	Heterogeneous catalytic ignition of n-butane/air mixture on platinum	articol	Cent. Eur. J. Chem.,	3	7	2009	478-485	0.75734	Universitatea din Bucuresti	Chimie
102	Elena Volanschi	Electrochemical Study and MO-modeling of the reduction behaviour of some arylidene substituted dibenz[b,e]-thiepin 11-ones	articol	Central European Journal of Chemistry (CEJC),	3	7	2009	488-493	0.75734	Universitatea din Bucuresti	Chimie
103	Hillebrand, Mihaela	Reactions of 2,2-Diphenyl-1-picrylhydrazyl (DPPH) with Two Syringylic Phenols or One Aroxide Derivative	articol	EUROPEAN JOURNAL OF ORGANIC CHEMISTRY			2009	626-634	1.51395	Universitatea din Bucuresti	Chimie
104	B. JURCA	Influence of successive sintering treatments on high ordered Sr <sub>2</sub> FeMoO <sub>6</sub> double perovskite properties	articol	J. Alloys Compd	1-2	474	2009	416-423	2.96657	Universitatea din Bucuresti	Chimie
105	D. Razus, V. Brinzea, M. Mitu, D. Oancea	Explosion characteristics of LPG-air mixtures in closed vessels	articol	J. Hazardous Materials,		165	2009	1248-1252	2.10068	Universitatea din Bucuresti	Chimie

106	A. M. Musuc, D. Razus, D. Oancea	Thermal stabilities of new synthesized N-methoxypolynitroanilines derivatives	articol	J. Therm. Anal. Cal.		98	2009	779-784	0.45575	Universitatea din Bucuresti	Chimie
107	B. JURCA	Thermal behaviour of the system $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ - $\text{Bi}_5\text{O}(\text{OH})_9(\text{NO}_3)_4 \cdot 9\text{H}_2\text{O}$ -glycine/urea and of their generated oxides ( $\text{BiFeO}_3$ )"	articol	J. Thermal. Anal. Cal	1	97	2009	91-98	0.45575	Universitatea din Bucuresti	Chimie
108	C. Podina	DETERMINATION OF TRACE ANIONS IN WATER FROM THE SPENT NUCLEAR FUEL WET STORAGE	articol	JOURNAL OF LABELLED COMPOUNDS & RADIOPHARMACEUTICALS	7-8	52	2009	265	0.39498	Universitatea din Bucuresti	Chimie
109	C. Podina	SYNTHESIS OF THYMIDINE-METHYL-T AND URIDINE-5-T	articol	JOURNAL OF LABELLED COMPOUNDS & RADIOPHARMACEUTICALS	7-8	52	2009	268	0.39498	Universitatea din Bucuresti	Chimie
110	D. Razus, V. Brinzea, M. Mitu, C. Movileanu, D. Oancea	Inerting effect of the combustion products on the confined deflagration of liquefied petroleum gas-air mixtures	articol	Journal of Loss Prev. in the Process Industries,		22	2009	463-468	0.75617	Universitatea din Bucuresti	Chimie
111	C. Podina	Synthesis of [1,2-T-2]-nandrolon for RIA kits	articol	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2	280	2009	325-328	0.48811	Universitatea din Bucuresti	Chimie

112	E. Segal	Thermal decomposition kinetics of some aromatic azomonoethers	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1	95	2009	161-166	0.45575	Universitatea din Bucuresti	Chimie
113	E. Segal	Synthesis, structural characterization and thermal analysis of the cobalt(II) oxalate obtained through the reaction of 1,2-ethanediol with $\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	articol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	3	96	2009	979-986	0.45575	Universitatea din Bucuresti	Chimie
114	Ana Maria Toader, Elena Volanschi	Potential-induced Conformational Changes in an $\alpha$ -Cterthiophene thiolate film on GaAs (110),	articol	Langmuir	11	25	2009	6522-6531	3.85781	Universitatea din Bucuresti	Chimie
115	I. Matei, M. Hillebrand,	Spectroscopic Investigations of the Binding Interaction of a New Indanedione Derivative with Human and Bovine Serum Albumins	articol	Molecules		14	2009	1614-1626	0.66247	Universitatea din Bucuresti	Chimie
116	C. Podina	The effect of different cross-linking agents on the properties of hybrid films	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	3	3	2009	204-209	0.31287	Universitatea din Bucuresti	Chimie

117	M. Constantinovici, D. Oancea, T. Zaharescu	Gamma irradiation effect on the enzymatic activities of horseradish and apple peroxidases	articol	Radiation Physics and Chemistry,		78	2009	33-36	1.03011	Universitatea din Bucuresti	Chimie
118	C. Podina	Comparative Study of Organic Solvents Waste Sample Solubilization and Oxidation Techniques for Analysis by Liquid Scintillation Counting	articol	Rev. Chim. (Bucuresti)	5	60	2009	458-461	0.09274	Universitatea din Bucuresti	Chimie
119	O. Staicu, V. Munteanu, D. Oancea	Transition from kinetic to diffusion control during the catalytic ignition of alkane/air mixtures on platinum	articol	Rev. Roum. Chim	4	54	2009	287-292	0.12983	Universitatea din Bucuresti	Chimie
120	I. Matei, L. Soare, C. Tablet, M. Hillebrand	Characterization of Simvastatin and its Cyclodextrin Inclusion Complexes by Absorption and Circular Dichroism Spectroscopies and Molecular Mechanics Calculations	articol	Rev. Roum. Chim	2	54	2009	133-141	0.12983	Universitatea din Bucuresti	Chimie
121	Enache, M; Volanschi, E	THE INFLUENCE OF IONIC STRENGTH ON THE BINDING OF ANTITUMOR DRUG ACTINOMYCIN D TO DOUBLE STRANDED DNA	articol	Rev. Roum. Chim	11-12	54	2009	1065-1070	0.12983	Universitatea din Bucuresti	Chimie

122	E. Segal	APPLICATIONS OF AN ALGORITHM TO DERIVE RATE EQUATIONS BY MEANS OF KINETIC GRAPHS	articol	Rev. Roum. Chim	9	54	2009	719-722	0.12983	Universitatea din Bucuresti	Chimie
123	E. Volanschi	Cyclic voltammetry study of 5-ethoxycarbonylmethylidene-4-oxothiazolidin-2-ylidene-N-phenylethanamide	articol	Russian Journal of Physical Chemistry	9	83	2009	1571-1576	0.15768	Universitatea din Bucuresti	Chimie
124	B. Iorga	Insights into the kinetics of Ca <sup>2+</sup> -regulated contraction and relaxation from myofibril studies	articol	Pfluger Archives – European Journal of Physiology	2	458	2009	337-357	2.39674	Universitatea din Bucuresti	Chimie
125	V. Meltzer, E. Pincu	Inclusion complexes of some antipyrine derivatives with cyclodextrins: influence of guest configuration	articol	J Incl Phenom Macrocycl Chem.	3-4	65	2009	385-390	0.95209	Universitatea din Bucuresti	Chimie
126	V. Meltzer, E. Pincu	Thermal analysis of some phytotherapeutic products irradiated with electron beam	articol	Journal of Thermal Analysis and Calorimetry	1	97	2009	309-313	0.45575	Universitatea din Bucuresti	Chimie
127	V. Meltzer, E. Pincu	A DSC study for binary mixture of 2-chlorobenzoic acid with salicylic acid	articol	Revue Roumaine de Chimie	5	54	2009	333-338	0.12983	Universitatea din Bucuresti	Chimie
128	Florescu S., Cristescu G, Leca M	Performances of a Builder System with Low Content of Sodium Tripolyphosphate	articol	Revista de chimie	5	60	2009	439-443	0.09274	Universitatea din Bucuresti	Chimie

129	Leca M,	Kinetics of in vitro release of doxycycline hyclate from collagen hydrogels	articol	Revue Roumaine de Chimie	5	54	2009	373-379	0.12983	Universitatea din Bucuresti	Chimie
130	Florescu S, Cristescu G, Leca M	Alternative surfactants for LAS in environmentally friendly detergent compositions	articol	Revue Roumaine de Chimie	4	54	2009	323-327	0.12983	Universitatea din Bucuresti	Chimie
131	Leca M., L. Brazdaru	Drug delivery systems based on collagen-tannic acid matrices	articol	Revue Roumaine de Chimie	11-12	54	2009	1103-1110	0.12983	Universitatea din Bucuresti	Chimie
132	Sulea D, Leca M	Collagen-thuja tincture biometarials for wound treatment 1. Analysis of the volatile fraction from thuja columnaris tincture by GC-MS	articol	Revue Roumaine de Chimie	11-12	54	2009	1097-1101	0.12983	Universitatea din Bucuresti	Chimie
133	Micutz M, Staicu T, Leca M	Adsorption complexes of collagenous polypeptide-ionic surfactant in aqueous medium. 1. The formation of micellar structure of ionic surfactant adsorbed onto collagenous polypeptide chain	articol	Revue Roumaine de Chimie	11-12	54	2009	1077-1095	0.12983	Universitatea din Bucuresti	Chimie

134	Dragan, AG; Cinteza, OL;	Impurities in pharmaceutical products: an overview of regulatory guidelines, emerging detection methods, residual solvents and genotoxic aspects	review	Fresenius Environmental Bulletin	1	18	2009	3-11	0.16784	Universitatea din Bucuresti	Chimie
135	V.Stanescu, M. Olteanu, M. Florea-Spiroiu,	Fractal properties of collagen-chitosan-montmorillonite membranes	articol	Revue Roumaine de Chimie	9	54	2009	767-771	0.12983	Universitatea din Bucuresti	Chimie
136	M. Joita	On tensor products of completely positive linear maps between pro-C*-algebras	articol	Positivity	2	13	2009	307-319	0.5664	Universitatea din Bucuresti	Chimie
137	F. Magda, M. Stroe	Electron-induced processes in H <sub>2</sub> <sup>+</sup> , D <sub>2</sub> <sup>+</sup> and T <sub>2</sub> <sup>+</sup>	articol	J Phys B-At Mol Phys	20	42	2009		2.17836	Universitatea din Bucuresti	Chimie
138	F. Magda, M. Stroe	Electron-induced dissociation in H <sub>2</sub> <sup>+</sup> , HD <sup>+</sup> and HT <sup>+</sup>	articol	Phys Lett A	45	373	2009	4152-4157	1.49655	Universitatea din Bucuresti	Chimie
139	Olteanu M	Microparticles of chitosan and alginate synthesized in presence of surfactants	articol	Revue Roumaine de Chimie	1	54	2009	75	0.12983	Universitatea din Bucuresti	Chimie
140	Olteanu M	Stability of double emulsions prepared in the presence of polymers	articol	Revue Roumaine de Chimie	2	54	2009	173-179	0.12983	Universitatea din Bucuresti	Chimie
141	Olteanu M	Stability and Colour Evolution of Emulsions with Sodium Caseinate	articol	Revista de chimie	7	60	2009	683-688	0.09274	Universitatea din Bucuresti	Chimie



142	R. Vilcu	HIGH PRESSURE PHASE BEHAVIOUR OF THE SYSTEM R23+PHENYLPROPANE. EXPERIMENTAL RESULTS AND MODELING LIQUID-VAPOUR EQUILIBRIUM	articol	Revue Roumaine de Chimie	5	54	2009	343	0.12983	Universitatea din Bucuresti	Chimie
<b>TOTAL 2009</b>									<b>177.54445</b>		
1	V.David, A.Medvedovici	Bioanalysis of pentoxifylline and related metabolites in plasma through LC-MS/MS	articol	Biomedical Chromatography	6	24	2010	663-674	0.83215	Universitatea din Bucuresti	Chimie
2	A.Medvedovici, M.Radulescu, E.E.Iorgulescu, V.David	Unusual retention behavior of some cationic-type aldoximes used as AChE reactivators under ion-pairing liquid chromatographic mechanism	articol	Analytical Letters	7	43	2010	1267-1276	0.53713	Universitatea din Bucuresti	Chimie
3	F.Tache, V.David, A.Medvedovici	On-line SPE on restricted access adsorbent for HPLC-MS/MS analysis of felodipine in human plasma.	articol	Analytical Letters	7	43	2010	1330-1343	0.53713	Universitatea din Bucuresti	Chimie

4	V.David, A.Medvedovici	Hydrophobicity/hydrophilicity descriptors obtained from extrapolated chromatographic retention data as modeling tools for biological distribution: application to some oxime-type acetyl cholinesterase reactivators	articol	Journal of Pharmaceutical and Biomedical Analysis		52	2010	508-516	1.21261	Universitatea din Bucuresti	Chimie
5	S.Ionescu, M.Hillebrand, V.David	Quantitative correlations between reversed-phase LC data and molecular parameters for some weakly related pesticides	articol	Journal of Liquid Chromatography and Related Technologies	16	33	2010	1529-1541	0.52492	Universitatea din Bucuresti	Chimie
6	V.David, A.Medvedovici	Analytical issues in HPLC/MS/MS simultaneous assay of furosemide, spironolactone and canrenone in human plasma samples	articol	Journal of Pharmaceutical and Biomedical Analysis		52	2010	734-740	1.21261	Universitatea din Bucuresti	Chimie
7	A.Medvedovici, V.David	Handling drawbacks of MS/MS detection coupled to liquid chromatography in bioanalysis	review	Journal of Liquid Chromatography and Related Technologies	9	33	2010	1255-1286	0.52492	Universitatea din Bucuresti	Chimie

8	M.Radulescu	Determination of Silver(I) by differential pulse voltammetry using a glassy carbon electrode modified with synthesized N-(2-aminoethyl)-4,4'-bipyridine	articol	Sensors		10	2010	11340-11351	1.16146	Universitatea din Bucuresti	Chimie
9	Medvedovici A., .	Pharmacokinetics and pharmacodynamics of some oximes and associated therapeutic consequences: a critical review	articol	JOURNAL OF APPLIED TOXICOLOGY	8	30	2010	719-729	0.74752	Universitatea din Bucuresti	Chimie
10	Medvedovici A.	Thermal desorption/gas chromatography/mass spectrometry Approach for Characterization of the Volatile Fraction from Amber Specimens: a Possibility of Tracking Geological Origins	articol	JOURNAL OF CHROMATOGRAPHY A	12	1217	2010	1977-1987	1.65412	Universitatea din Bucuresti	Chimie
11	Medvedovici A.	LC/MS and LC/MS/MS based protocol for identification of dyes in historic textiles	articol	MICROCHEMICAL JOURNAL	2	95	2010	247-254	1.0234	Universitatea din Bucuresti	Chimie

12	Medvedovici A.	Simultaneous Spectrophotometric Determination of Aspirin, Paracetamol, Caffeine and Chlorphenamine from Pharmaceutical Formulations Using Multivariate Regression Methods	articol	ANALYTICAL LETTERS	5	43	2010	804-813	0.53713	Universitatea din Bucuresti	Chimie
13	Medvedovici A.	HPLC/DAD assay of cyclohexanamine as related impurity in glipizide through derivatization with o -phtaldialdehyde	articol	ANALYTICAL LETTERS	7	43	2010	1162-1171	0.53713	Universitatea din Bucuresti	Chimie
14	Medvedovici A., Tache F	HPLC/DAD assay of cyclohexanamine as related impurity in glipizide through derivatization with o -phtaldialdehyde	articol	ANALYTICAL LETTERS	7	43	2010	1162-1171	0.53713	Universitatea din Bucuresti	Chimie
15	Medvedovici A.	TD/CGC/MS and FT-IR characterization of archaeological amber artefacts from roumanian collections (Roman age)	articol	REVUE ROUMAINE DE CHIMIE	5	55	2010	349-355	0.12983	Universitatea din Bucuresti	Chimie
16	A.I.Stoica	Additive tuning of redox potential in metallacarboranes by sequential halogen substitution	articol	Chemistry- a European Journal	22	16	2010	6660-6665	4.92736	Universitatea din Bucuresti	Chimie

17	A.I.Stoica	Development of an electrochemical immunoassay based on the use of an eight-electrodes screen-printed array coupled with magnetic beads for the detection of antimicrobial sulfonamides in honey	articol	Electroanalysis	16	22	2010	1881-1888	1.25331	Universitatea din Bucuresti	Chimie
18	A.I.Stoica	Kemula, Pungor and Guilbault creators of new fields in Analytical Chemistry	articol	Analytical Letters	10	43	2010	1649-1652	0.53713	Universitatea din Bucuresti	Chimie
19	D. G. Pătrașcu, V. David, I. Balan, A. Ciobanu, I. G. David, P. Lazăr, Anton Ciucu	Selective DPV Method of Dopamine Determination in Biological Samples Containing Ascorbic Acid	articol	Analytical Letters	7	43	2010	1100-1110	0.53713	Universitatea din Bucuresti	Chimie
20	A.Ciucu	Functional Porphyrin Thin Films Deposited by Matrix Assisted Pulsed Laser Evaporation	articol	Materials Science and Engineering: B; Chemistry, materials	1	169	2010	106-110	1.52701	Universitatea din Bucuresti	Chimie
21	Z.Moldovan	EPDM/HDPE-based thermoplastic vulcanisates studied by physical-mechanical tests and IR spectrometry	articol	Polymers&Polymer Composites	4	18	2010	189-195	0.3578	Universitatea din Bucuresti	Chimie

22	Popa C.V, M., Danet, A.F.,	Antioxidant Activity of Brassica Oleracea L., Allium Cepa L, and Beta Vulgaris L. Extracts	articol	Revista de Chimie	10	61	2010	911-914	0.09274	Universitatea din Bucuresti	Chimie
23	Popa, C. V., Danet, A. F.	Determination of Total Antioxidant Activity of Wines using a Flow Injection Method with Chemiluminescence Detection	articol	Revista de Chimie	1	61	2010	p. 11-17	0.09274	Universitatea din Bucuresti	Chimie
24	Popa C.V., Danet, A.F., Farcasanu, I.C.,	Exogenous oxidative stress induced Ca <sup>2+</sup> release in the yeast <i>Saccharomyces cerevisiae</i>	articol	FEBS	19	277	2010	4027-4083	1.35333	Universitatea din Bucuresti	Chimie
25	L. Rotariu, L.-G. Zamfir, C. Bala	Low potential thiocholine oxidation at carbon nanotube-ionic liquid gel sensor	articol	Sensors and Actuators B		150	2010	73-79	1.859	Universitatea din Bucuresti	Chimie
26	Badea, I. A., Vlădescu, L., David, I.G, David, V	Development of a New HPLC Method for Determination of Papaverine in Presence of Its Photooxidation Products	articol	Analytical Letters	7	43	2010	1217-1229	0.53713	Universitatea din Bucuresti	Chimie
27	Duca, R. C., Vlădescu, L., Badea, I. A., David, I.G, David, V.	Redox behaviour of zearalenone in Various Solvents	articol	Analytical Letters	7	43	2010	1287-1300	0.53713	Universitatea din Bucuresti	Chimie
28	Tudorache, A., Badea, I.A., Vlădescu, L	Barium concentrations and speciation in mineral waters of central Romania", Environ. Monit. Assess	articol	Environmental Monitoring and Assessment	1	165	2010	113-123	0.59541	Universitatea din Bucuresti	Chimie

29	Vasile, G. D., Vlădescu, L.	Cadmium partition in river sediments from an area affected by mining activities	articol	Environment al Minotirng and Assessment	1	167	2010	349-357	0.59541	Universitatea din Bucuresti	Chimie
30	L. Mutihac,	Selective transport of amino acids by functionalized calix[4]arenes	articol	J. Incl. Phenom. Macrocycl. Chem.	1	66	2010	55-59	0.95209	Universitatea din Bucuresti	Chimie
31	L. Mutihac,	Calix[n]arenes as synthetic membrane transporters	review	Analytical Letters	7	43	2010	1355-1366	0.53713	Universitatea din Bucuresti	Chimie
32	V. Tudor, A. Madalan, V. Lupu, M. Andruh	A new mixed- valence hexanuclear cobalt complex, [Co <sup>II</sup> <sub>4</sub> Co <sup>III</sup> <sub>2</sub> (dea) <sub>2</sub> (hde a) <sub>4</sub> (piv) <sub>4</sub> ](clo <sub>4</sub> ) <sub>2</sub> ·h <sub>2</sub> O. Synthesis, crystal structure and magnetic properties	articol	Inorg. Chim. Acta	4	363	2010	823-826	1.05993	Universitatea din Bucuresti	Chimie
33	T. D. Pasatoiu, A. M. Madalan, M. Andruh,	Temperature switch of LMCT role: from quenching to sensitization of europium emission in a Zn <sup>II</sup> -Eu <sup>III</sup> binuclear complex	articol	Inorg. Chem.	5	49	2010	2310-2315	2.39483	Universitatea din Bucuresti	Chimie
34	S. A. Stoian, C. Paraschiv, M. Andruh	Mössbauer, EPR, and magnetic susceptibility studies on members of a new family of cyano- bridged 3d-4f complexes. Demonstration of anisotropic exchange in a Fe-Gd complex	articol	Inorg. Chem.	49		2010	3387-3401	2.39483	Universitatea din Bucuresti	Chimie

35	R. Gheorghe, A. M. Madalan, M. Andruh	A heterotrimetallic 3d-3d'-4f Single Chain Magnet constructed from anisotropic high-spin 3d-4f nodes and paramagnetic spacers	articol	Dalton Trans	20	39	2010	4734-4736	2.07286	Universitatea din Bucuresti	Chimie
36	T. D. Pasatoiu, A. M. Madalan, M. Andruh,	Dimers and chains of {3d-4f} Single Molecule Magnets constructed from heterobimetallic tectons	articol	Dalton Trans.	20	39	2010	4802-4808	2.07286	Universitatea din Bucuresti	Chimie
37	C. Maxim, A. Madalan, M. Andruh	A missing high-spin molecule in the family of cyanido-bridged heptanuclear heterometal complexes, $[(LCu^{II})_6Fe^{III}(CN)_6]^{3+}$ , and its $Co^{III}$ and $Cr^{III}$ analogues, accompanied in the crystal by a novel octameric water cluster	articol	Dalton Trans.	20	39	2010	4838-4847	2.07286	Universitatea din Bucuresti	Chimie
38	G. Marin, A. M. Madalan, A. Vezeanu, M. Andruh	New molecular rectangles and coordination polymers constructed from binuclear phenoxo-bridged [Cu <sub>2</sub> ] and [Zn <sub>2</sub> ] tectons	articol	Cryst. Growth. & Des.	5	10	2010	2096-2103	3.08192	Universitatea din Bucuresti	Chimie



39	C. Maxim, M. Andruh	C3 symmetric tris(phosphonate)-1,3,5-triazine ligand: homopolymetallic complexes, and its stable radical anion	articol	New J. Chem.	10	34	2010	2319-2327	2.34621	Universitatea din Bucuresti	Chimie
40	D. G. Branzea, A. M. Madalan, M. Andruh	New heterometallic coordination polymers constructed from 3d-3d' binuclear nodes	articol	New J. Chem.	11	34	2010	2479-2490	2.34621	Universitatea din Bucuresti	Chimie
41	C. D. Ene, S. Nastase, C. Maxim, A. M. Madalan, M. Andruh	The azidopentacyanoferrate(III) ion as a tecton in constructing heterometallic complexes: Synthesis, crystal structure and magnetic properties of $[Mn(valphen)(H_2O)_2]_2[(H_2O)(valphen)Mn(\mu-CN)Fe(CN)_4(N_3)] \cdot 8H_2O$	articol	Inorg. Chim. Acta	15	363	2010	4247-4252	1.05993	Universitatea din Bucuresti	Chimie
42	R. Olar, M. Badea, D. Marinescu, C. Chifiriuc, C. Bleotu, E.E. Iorgulescu, M. Bucur, V.Lazar,	Prospects for new antimicrobials based on N,N-dimethylbiguanide complexes as effective agents on both planktonic and adherent microbial strains	articol	Eur. J. Med. Chem.	45		2010	2868-2875	1.60731	Universitatea din Bucuresti	Chimie

43	R. Olar, M. Badea, D. Marinescu, C. Chifiriuc, C. Bleotu, E.E. Iorgulescu, V.Lazar	N,N-Dimethylbiguanide complexes displaying low citotoxicity as potential large spectrum antimicrobial agents	articol	Eur. J. Med. Chem.	45		2010	3027-3034	1.60731	Universitatea din Bucuresti	Chimie
44	R. Olar, M. Badea, D. Marinescu, E.E. Iorgulescu, E. Frunza, V. Lazar, C. Chifiriuc	Thermal, spectral and antimicrobial study on some Cu(II) complexes with ligands bearing biguanide moieties	articol	J. Therm. Anal. Calor	99	3	2010	815-821	0.45575	Universitatea din Bucuresti	Chimie
45	R. Olar, M. Badea, D. Marinescu	Thermal study of some new Ni(II) and Cu(II) complexes with ligands derived from N,N-dimethylbiguanide as potential antimicrobials	articol	J. Therm. Anal. Calor	99	3	2010	893-898	0.45575	Universitatea din Bucuresti	Chimie
46	M. Badea, R. Olar, D. Marinescu	Thermal stability of new vanadyl complexes with flavonoid derivatives as potential insulin-mimetic agents	articol	J. Therm. Anal. Calor	99	3	2010	823-827	0.45575	Universitatea din Bucuresti	Chimie
47	M. Badea, R. Olar, D. Marinescu	Thermal study of some new quinolone ruthenium (III) complexes with potential cytostatic activity	articol	J. Therm. Anal. Calor	99	3	2010	829-834	0.45575	Universitatea din Bucuresti	Chimie
48	M. Badea, R. Olar, D. Marinescu	Synthesis, spectral and thermal studies of new rutin vanadyl complexes	articol	Molecules			2010		0.66247	Universitatea din Bucuresti	Chimie

49	A. Kriza, M.L. Dianu	Synthesis, spectral and thermal studies of new copper (II) complexes with 1,2-di(imino-2-aminomethylpyridil) ethane	articol	J. Therm. Anal. Calor.	100	3	2010	929-935	0.45575	Universitatea din Bucuresti	Chimie
50	T. Rosu, M. Negoiu, S. Pasculescu, E. Pahontu	Metal-based biologically active agents: Synthesis, characterization, antibacterial and antileukemia activity evaluation of Cu(II), V(IV) and Ni(II) complexes with antipyrine-derived compounds	articol	Eur. J. Med. Chem.	45		2010	774-781	1.60731	Universitatea din Bucuresti	Chimie
51	T. Rosu, E. Pahontu, S. Pasculescu	Synthesis and characterization of novel Cu(II) and Pd(II) complexes with 2-hydroxy-8-R-tricyclo[7.3.1.0. <sup>2,7</sup> ]tridecane-13-one thiosemicarbazone. Study on biological activity	articol	Eur. J. Med. Chem.	45	4	2010	1627-1634	1.60731	Universitatea din Bucuresti	Chimie
52	T. Rosu, E. Pahontu, C. Maxim	Synthesis, characterization and antibacterial activity of some new complexes of Cu(II), Ni(II), VO(II), Mn(II) with Schiff base derived from 4-amino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one	articol	Polyhedron	29	2	2010	757-766	1.09137	Universitatea din Bucuresti	Chimie

53	M. Călinescu, O. Călinescu	Synthesis and characterization of new copper(II) complex compounds with chlorhexidine. Part I	articol	Cent. Eur. J. Chem.	8	3	2010	543-549	0.75734	Universitatea din Bucuresti	Chimie
54	A.S. Mocanu, M. Ilis, M. Ilie, V. Circu	Synthesis, mesomorphism and luminescence properties of palladium(II) and platinum(II) complexes with dimeric Schiff base liquid crystals	articol	Inorg. Chim. Acta	363	4	2010	729-736	1.05993	Universitatea din Bucuresti	Chimie
55	V. Circu	Smectic phases of liquid crystals based on dinuclear palladium(II) complexes with carboxylato bridge	articol	Cryst. Res. Technol., 2010, 45(5), 512-516			2010		0.88325	Universitatea din Bucuresti	Chimie
56	T. D. Pasatoiu, A. M. Madalan, M. Andruh	A new example of coexistence of two different complexes in one crystal: $[\text{Cu}^{\text{II}}(\text{acac})(\text{phen})]_2\text{C}$ $\text{o}^{\text{II}}(\text{NCS})_4 \cdot 2[\text{Cu}^{\text{II}}(\text{acac})(\text{phen})(\text{NCS})]$	articol	REV. ROUM. CHIM.	11-12	55	2010	947-951	0.12983	Universitatea din Bucuresti	Chimie
57	S. Antohe S, S. Iordache, A. Cucu A, S. Stamatina, A. Emandi, I. Stamatina	Study of the conduction mechanisms in poly-perfluoro-sulfonated membranes impregnated with intrinsic semiconducting polymers	articol	J. OPTOELECTRONIC. ADV. MATER.	12	11	2010	2288-2295	0.33626	Universitatea din Bucuresti	Chimie

58	A. Kriza	Synthesis, Characterization and Thermal Behaviour of Complexes Compounds Derived from Cu(II), Co(II), Ni(II) and Zn(II) and Isonicotinoyl Hydrazone-2-Indoline	articol	Rev. Chimie	61	8	2010	733-739	0.09274	Universitatea din Bucuresti	Chimie
59	A. Kriza	Thermal behaviour and spectroscopic studies of complexes of some divalent transitional metals with 2-benzoil-pyridil-isonicotinoylhydrazo ne	articol	J. Therm. Anal. Calor.	101	3	2010	987-996	0.45575	Universitatea din Bucuresti	Chimie
60	A. Kriza	Thermal behaviour and spectroscopic investigation of some methyl 2-pyridyl ketone complexes	articol	J. Therm. Anal. Calor.	100	3	2010	1107-1114	0.45575	Universitatea din Bucuresti	Chimie
61	A. Kriza	Synthesis and structural studies of complexes of Cu, Co, Ni and Zn with isonicotinic acid hydrazide and isonicotinic acid (1-naphthylmethylene) hydrazide	articol	J. Serb. Chem. Soc.	75	2	2010	229-242	0.54714	Universitatea din Bucuresti	Chimie

62	A. Kriza	Spectral and Thermal Studies about the Complexes of Some Divalent Transitional Metals with Isonicotinic Acid Hydrazide		Rev. Chimie	61	1	2010	21-26	0.09274	Universitatea din Bucuresti	Chimie
63	Circu V.	Clustomesogens: liquid crystal materials containing transition-metal clusters	articol	Angew. Chem. Int. Ed.	49		2010	3351-3355	10.19784	Universitatea din Bucuresti	Chimie
64	Ferbinteanu, M.	Case Study on a Rare Effect: The Experimental and Theoretical Analysis of a Manganese(III) Spin-Crossover System	articol	INORGANIC CHEMISTRY	49	21	2010	9839-9851	2.39483	Universitatea din Bucuresti	Chimie
65	Ferbinteanu, M.	Noncovalent effects in the coordination and assembling of the[Fe(bpca)(2)][Er(NO3)(3)(H2O)(4)]NO3 system	articol	CENTRAL EUROPEAN JOURNAL OF CHEMISTRY	8	3	2010	519-529	0.75734	Universitatea din Bucuresti	Chimie
66	Matache M , Dumitru I	Protein-Inorganic Array Construction: Design and Synthesis of the Building Blocks	articol	CHEMISTRY-A EUROPEAN JOURNAL	7	16	2010	2170-2180	4.92736	Universitatea din Bucuresti	Chimie
67	Popa CV, Dumitru I , Ruta LL, Danet AF, Farcasanu IC	Exogenous oxidative stress induces Ca <sup>2+</sup> release in the yeast Saccharomyces cerevisiae	articol	FEBS JOURNAL	19	277	2010	4027-4038	1.35333	Universitatea din Bucuresti	Chimie
68	Ruta LL , Matache M , Paraschivescu CC	Study of CRP immobilization on nanostructured silicon	articol	Material Science and Engineering B	1	169	2010	67-72	1.52701	Universitatea din Bucuresti	Chimie

69	Dobrota C , Dumitru I , Matache M , Paraschivescu CC	Expedient access to fused quinoxalines via Dess-Martin periodinane-mediated cyclization of unsymmetrical phenylenediamide derivatives	articol	Tetrahedron Letters	9	51	2010	1262-1264	1.08731	Universitatea din Bucuresti	Chimie
70	Ionita P	New N-aryloxy-phthalimide derivatives. Synthesis, physico-chemical properties, and QSPR studies	articol	C. Eur. J. Chem	4	8	2010	789-796	0.75734	Universitatea din Bucuresti	Chimie
71	Ionita P	New Hydrazyl Derivatives with Multiple Properties	articol	Lett org chem	2	7	2010	182-185	0.39784	Universitatea din Bucuresti	Chimie
72	Parvulescu VI, Cojocaru B,	Polymer-microporous host interactions probed by photoluminescence spectroscopy	articol	Phys.Chem.C hem.Phys.	12	12	2010	3031-3037	2.0885	Universitatea din Bucuresti	Chimie
73	Tiseanu C, Parvulescu VI, Paun C , Dobroiu S	Optical properties of Nd <sup>3+</sup> doped ionic liquid immobilized on mesoporous silica support	articol	J. Nanosci. Nanotechnol .	4	10	2010	2921-2925	1.38794	Universitatea din Bucuresti	Chimie
74	Parvulescu VI , Cojocaru B	Sol-gel-entrapped nano silver catalysts- correlation between active silver species and catalytic behavior	articol	J. Catal.	1	272	2010	92-100	4.60494	Universitatea din Bucuresti	Chimie
75	Verziu M , Coman SM , Parvulescu VI	Mesoporous Tin-Triflate Based Catalysts for Transesterification of Sunflower Oil	articol	Top. Catal	11	53	2010	763-772	2.78234	Universitatea din Bucuresti	Chimie

76	Candu N , Musteata M , Coman SM , Parvulescu VI	AlTf-UVM-7—Highly active catalysts for the synthesis of long chain	articol	Chem. Eng. J.	3	161	2010	363-370	2.18827	Universitatea din Bucuresti	Chimie
77	Parvulescu V , Cotoi E	Structural and photoluminescence characterization of mesoporous silicon-phosphates	articol	Photochem. Photobiol. A: Chem.	1	215	2010	17-24	1.22446	Universitatea din Bucuresti	Chimie
78	Cojocaru B , Parvulescu VI	Photoluminescence properties of terbium complexes bound to amorphous silica	articol	J. Non-Cryst. Solids	35	358	2010	1854-1858	3.37184	Universitatea din Bucuresti	Chimie
79	Negoi A Parvulescu VI Coman SM	One-Pot Synthesis of Menthol Catalyzed by a Highly Diastereoselective Au/MgF <sub>2</sub> Catalyst	articol	Angew. Chem. Int. Ed.	44	49	2010	8134-8138	10.19784	Universitatea din Bucuresti	Chimie
80	Angelescu E , Ionescu R , Pavel OD, Zavoianu R , Florea M	Epoxidation of cyclohexene with O <sub>2</sub> and isobutyraldehyde catalysed by cobalt modified hydrotalcites	articol	Journal of Molecular Catalysis A: General	2	315	2010	178-186	1.27112	Universitatea din Bucuresti	Chimie
81	Ionescu R , Pavel OD, Zavoianu R , Angelescu E	Epoxidation of cyclohexene with H <sub>2</sub> O <sub>2</sub> and acetonitrile catalyzed by Mg-Al hydrotalcite and cobalt modified hydrotalcites	articol	Catalysis Letters	3	134	2010	309-317	0.93644	Universitatea din Bucuresti	Chimie



82	Pavel OD , Zavoianu R , Angelescu E	Impact of the memory effect on the catalytic activity of Li-Al hydrotalcite-like compounds for the cyanoethylation reaction	articol	Materials Research Bulletin	9	45	2010	1106-1111	1.16616	Universitatea din Bucuresti	Chimie
83	Pavel OD, Angelescu E , Zavoianu R , Florea M, Mitran G	Modifications of the catalytic activity for cyanoethylation induced by the memory effect of Mg/Al-type modified hydrotalcites	articol	Revista de Chimie	4	61	2010	395-399	0.09274	Universitatea din Bucuresti	Chimie
84	Zavoianu R (Zavoianu, Rodica)	Oxidative dehydrogenation of butane over substoichiometric magnesium vanadate catalysts prepared by citrate route	articol	Journal of Non-Crystalline Solids	28	356	2010	1488-1497	3.37184	Universitatea din Bucuresti	Chimie
85	Marcu IC , Urlan MN, Sandulescu I	Phosphated ceria, selective catalysts for oxidative dehydrogenation of isobutane	articol	C. R. Chim.	3	13	2010	365-371	1.49304	Universitatea din Bucuresti	Chimie
86	Mitran G , Urda A, Sandulescu I , Marcu IC	Semiconductive properties of Mo-V-M-O (M = Zn, Ni, Cu, Sb) oxides, catalysts for isobutane oxidehydrogenation	articol	React. Kinet. Mech. Catal	1	99	2010	135-142	0.26549	Universitatea din Bucuresti	Chimie
87	Coman SM	Sol-Gel prepared nanoscopic metal fluoride phases – A New Class of Tunable Acid-Base Catalysts	articol	Cat. Today	1	152	2010	40584	2.98765	Universitatea din Bucuresti	Chimie

88	Fleschin S	Application of Fourier Transform Infrared Spectrophotometry in Pharmaceutical Drugs Analysis	articol	Appl Spectroscopy Rev	3	45	2010	206-219	2.71094	Universitatea din Bucuresti	Chimie
89	Popa CV , Danet AF	Antioxidant activity of <i>Brassica oleracea</i> L., <i>Allium cepa</i> L. and <i>Beta vulgaris</i> L. extracts	articol	Rev Chim	10	61	2010	911-914	0.09274	Universitatea din Bucuresti	Chimie
90	Oprea E , Farcasanu IC, Cercasov C	Homocysteine and Vitamin Therapy in Stroke Prevention and Treatment: a Review	articol	Acta Biochim Pol	4	57	2010	467-477	0.47444	Universitatea din Bucuresti	Chimie
91	Popa CV, Danet AF	Determination of total antioxidant activity of wines using a flow injection method with chemiluminescence detection	articol	Rev Chim	1	61	2010	11-16	0.09274	Universitatea din Bucuresti	Chimie
92	Mitran G , Marcu IC	Esterification of acetic acid with <i>n</i> -butanol using molybdenum oxides supported on $\gamma$ -alumina	articol	Catal. Lett.	1	140	2010	32-37	0.93644	Universitatea din Bucuresti	Chimie
93	Mitran G , Marcu IC , Urda A , Sandulescu I	Oxidative dehydrogenation of isobutane over supported V-Mo mixed oxides	articol	J. Serb. Chem. Soc.	8	75	2010	1115-1124	0.54714	Universitatea din Bucuresti	Chimie
94	Urda A, Popescu I, Marcu IC , Sandulescu I	Methane and propane total oxidation on catalysts from FeLDH precursors	articol	Rev. Chim.	3	61	2010	267-271	0.09274	Universitatea din Bucuresti	Chimie

95	I. Stanculescu, C. Mandravel, G. Mindrila	Evaluation of PCB's chromatographic retention indices using multilinear regression method,	articol	Bulg. Chem. Commun	4	42	2010	343-348	2.14653	Universitatea din Bucuresti	Chimie
96	Constantin Mihailciuc	Determination of ascorbic acid in the presence of epinephrine at Pt electrodes modified with poly(3-methylthiophene	articol	Rev. Roum. Chim	1	55	2010	5-9	0.12983	Universitatea din Bucuresti	Chimie
97	A. Lungu, I. Sandu, C. Mihailciuc	Electrochemical study of some curcumins on activated glassy carbon electrode	articol	Rev. Roum. Chim	2	55	2010	109-115	0.12983	Universitatea din Bucuresti	Chimie
98	A. Cristian, A. Dobre, I. Sandu, A. Lungu, C. Mihailciuc	Electrochemical study of epinephrine at platinum electrode	articol	Rev. Roum. Chim	4	55	2010	249-253	0.12983	Universitatea din Bucuresti	Chimie
99	A. Cristian, E. E. Iorgulescu, C. Mihailciuc	Electrochemical study using activated glassy carbon electrode. I. Meloxicam	articol	Rev. Roum. Chim	5	55	2010	329-334	0.12983	Universitatea din Bucuresti	Chimie
100	I. Sandu, A. Lungu, C. Mihailciuc	Electrochemical study of two curcumin-like compounds on activated glassy carbon electrode	articol	Rev. Roum. Chim	6	55	2010	299-305	0.12983	Universitatea din Bucuresti	Chimie
101	A. Cristian, E. E. Iorgulescu, C. Mihailciuc	Electrochemical study activated glassy carbon electrode. II. Piroxicam	articol	Rev. Roum. Chim	7	55	2010	377-382	0.12983	Universitatea din Bucuresti	Chimie
102	D. Bala, C. Mihailciuc	Entropy production and the redox reaction occurring at ITIES in open circuit conditions	articol	Rev. Roum. Chim	10	55	2010	681-688	0.12983	Universitatea din Bucuresti	Chimie

103	I. Mihalcea	Ra-226 and Ra-228 determination in mineral waters- Comparison of methods	articol	APPLIED RADIATION AND ISOTOPES	7-8	68	2010	1236-1239	1.14739	Universitatea din Bucuresti	Chimie
104	M. Puiu, I. Babaligea, C. Olmazu, A. Raducan, D. Oancea	Peroxidase-mediated oxidation of L-DOPA: a kinetic approach	articol	Biochem. Eng. J.		52	2010	248-254	1.69136	Universitatea din Bucuresti	Chimie
105	M. Puiu, M. Constantinovici, I. Babaligea, A. Raducanu, C. Olmazu, D. Oancea	Detecting operational inactivation of horseradishperoxidase using an isoconversional method	articol	Chem. Eng.&Tech.,	3	33	2010	1-8	1.09568	Universitatea din Bucuresti	Chimie
106	B. JURCA	The environmentally benign synthesis of nanosized CoxZn1-xAl2O4 blue pigments	articol	Dyes Pigm	2	87	2010	125-131	5.52174	Universitatea din Bucuresti	Chimie
107	A.M. Toader, E. Volanschi	Passivation effects of 4,4'-thiobisbenzene thiolate adsorbed layers on semiconducting electrodes	articol	Electrochimica Acta		55	2010	8293-8301	1.62912	Universitatea din Bucuresti	Chimie
108	AM Toader, E. Volanschi	Redox behavior of hemin at p-GaAs(100) electrode	articol	Electrochimica Acta		56	2010	863-866	1.62912	Universitatea din Bucuresti	Chimie
109	D. Razus, V. Brinzea, M. Mitu, D. Oancea	Burning velocity of LPG (Liquefied Petroleum Gas) - air mixtures in the presence of exhaust gas	articol	Energy & Fuels,		24	2010	1487-1494	1.79321	Universitatea din Bucuresti	Chimie
110	D. Razus, D. Oancea, V. Brinzea, M. Mitu, C. Movileanu	Experimental and computed burning velocities of propane-air mixtures	articol	Energy Convers. Managem.,		51	2010	2979-2984	1.42921	Universitatea din Bucuresti	Chimie

111	E. Volanschi	Coupled spectral and electrochemical characterization of the anticancer drug mitoxantrone-sodium dodecyl sulphate interaction	articol	International J. Pharm		390	2010	100-106	1.15204	Universitatea din Bucuresti	Chimie
112	D. Razus, V. Brinzea, M. Mitu, D. Oancea	Temperature and pressure influence on explosion pressures of closed vessel propane-air deflagrations	articol	J. Hazardous Materials,		174	2010	548-555	2.10068	Universitatea din Bucuresti	Chimie
113	I. Matei, M. Hillebrand	Interaction of Kaempferol with Human Serum Albumin: A Fluorescence and Circular Dichroism Study	articol	J. Pharm. Biomed. Anal		51	2010	768-773	1.21261	Universitatea din Bucuresti	Chimie
114	M. Enache, E. Volanschi	Spectral study of molecular interaction of anticancer drug mitoxantrone with CTAB micelles	articol	J. Pharm. Sci	2	100	2010	558-	0.85266	Universitatea din Bucuresti	Chimie
115	D. Oancea, V. Munteanu, D. Razus	Isothermal catalytic combustion of n-pentane/air mixtures on platinum wire	articol	J. Therm. Anal. Cal.,		102	2010	993-1000	0.45575	Universitatea din Bucuresti	Chimie
116	A. Varlan, M. Duca, F. F. M.	Competition between reaction channels in electron collisions of vibrationally excited H <sub>2</sub> <sup>+</sup>	articol	Mol Phys	16	108	2010	2093-2104	0.8438	Universitatea din Bucuresti	Chimie

117	Varlan, A; Hillebrand, M	Bovine and Human Serum Albumin Interactions with 3-Carboxyphenoxathin Studied by Fluorescence and Circular Dichroism Spectroscopy	articol	Molecules		15	2010	3905-3919	0.66247	Universitatea din Bucuresti	Chimie
118	C. Podina	Stability evaluation of polyurethane coatings by gamma irradiation	articol	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	11	4	2010	1815-1818	0.31287	Universitatea din Bucuresti	Chimie
119	Nedelcu M, Podina C	Boracite Thermoluminescence	articol	Rev. Chim. (Bucuresti)	8	61	2010	770-773	0.09274	Universitatea din Bucuresti	Chimie
120	O Carp, D Visinescu, G Patrinoiu, A Tirsoaga, C Paraschiv, M Tudose	Green synthetic strategies of oxide materials: polysaccharides-assisted synthesis. I. Polysaccharides roles in metal oxides synthesis	articol	Rev. Roum. Chim	10	55	2010	705-709	0.12983	Universitatea din Bucuresti	Chimie
121	D Visinescu, A Tirsoaga, G Patrinoiu, M Tudose, C Paraschiv, A Ianculescu, O Carp	Green synthetic strategies of oxide materials: polysaccharides-assisted synthesis. II. Starch-assisted synthesis of nanosized metal-oxides	articol	Rev. Roum. Chim	11-12	55	2010	1017-1026	0.12983	Universitatea din Bucuresti	Chimie

122	N.G. Muşat V. Munteanu, M. Puiu, D. Răzuş, D. Oancea	Ignition and quenching of flammable n-butane-air mixture at various initial pressures. Critical properties	articol	Rev. Roum. Chim	2	55	2010	99-103	0.12983	Universitatea din Bucuresti	Chimie
123	V. Brinzea, M. Mitu, D. Razus, D. Oancea	Overall activation parameters of propane oxidation in flames from normal burning velocities	articol	Rev. Roum. Chim	1	55	2010	55-61	0.12983	Universitatea din Bucuresti	Chimie
124	D. Oancea, O. Staicu, V. Munteanu	Kinetics of isothermal ignition of propane/air mixtures on platinum	articol	Rev. Roum. Chim	3	55	2010	211-216	0.12983	Universitatea din Bucuresti	Chimie
125	C. Tablet, S. Ionescu, M. Hillebrand	Fluorimetric characterization of the interaction of 3-carboxy-5,6-benzocoumarinic acid with micelles	articol	Rev. Roum. Chim	2	55	2010	137-146	0.12983	Universitatea din Bucuresti	Chimie
126	I. Matei, S. Ionescu, M. Hillebrand	Experimental and Theoretical Study on the Photophysical Properties of a Pyrrolyl-Isoxazole Derivative	articol	Rev. Roum. Chim	11-12	55	2010	1039-1046	0.12983	Universitatea din Bucuresti	Chimie
127	Varlan, A; Hillebrand, M	STUDY ON THE INTERACTION OF 2-CARBOXYPHENOXATHIIN WITH BOVINE SERUM ALBUMIN AND HUMAN SERUM ALBUMIN BY FLUORESCENCE SPECTROSCOPY AND CIRCULAR DICHROISM	articol	Rev. Roum. Chim	1	55	2010	69-77	0.12983	Universitatea din Bucuresti	Chimie

128	M. Enache, E. Volanschi	Spectral characterization of self-association of antitumoral drug mitoxantron	articol	Rev. Roum. Chim	4	55	2010	255-262	0.12983	Universitatea din Bucuresti	Chimie
129	D. Bala, T. Staicu, C. Mihailciuc	On entropy source and various types of overpotentials encountered at ITIES in closed circuit conditions	articol	Rev. Roum. Chim	2	56	2010	107-113	0.12983	Universitatea din Bucuresti	Chimie
130	Vilcu R	Vapour-liquid, Liquid-liquid and Vapour-liquid-liquid Equilibria in the System of Trifluoromethane+(2-methylpropyl)benzene	articol	Revista de chimie	8	61	2010	767-769	0.09274	Universitatea din Bucuresti	Chimie
131	Vilcu R	Fluid phase equilibria in the binary system trifluoromethane+1-phenyloctane	articol	FLUID PHASE EQUILIBRIA	2	295	2010	186-193	1.62963	Universitatea din Bucuresti	Chimie
132	C. Podina	THE RADIOLOGICAL RISK ASSESSMENT DUE TO THE RADIOACTIVITY OF THERMAL POWER STATION ASHES ADDED IN BUILDING MATERIALS		Rev. Roum. Chim	1	55	2010	39-44	0.12983	Universitatea din Bucuresti	Chimie
133	Bogdan Iorga	Kinetics of cardiac sarcomeric processes and rate-limiting steps in contraction and relaxation		J Mol Cell Cardiol	5	48	2010	843-850	2.7818	Universitatea din Bucuresti	Chimie



134	Leca M,	Doxycycline Delivery From Collagen Matrices Crosslinked With Tannic Acid	articol	MOLECULAR CRYSTALS AND LIQUID CRYSTALS		523	2010	97-105	0.36041	Universitatea din Bucuresti	Chimie
135	Micutz M, Staicu T, Sulea D, Leca M,	Adsorption complexes of collagenous polypeptide-ionic surfactant in aqueous medium. 2. The influence of adsorption complexes of polypeptide-ionic surfactant on thermal stability of collagen type I	articol	Revue Roumaine de Chimie	8	55	2010	501-510	0.12983	Universitatea din Bucuresti	Chimie
136	Sulea D, Micutz M, Brazdaru L, Staicu T, Leca M,	Characterization and in vitro release of chlorhexidine digluconate comprised in type I collagen hydrogels for wound healing	articol	Revue Roumaine de Chimie	9	55	2010	543-551	0.12983	Universitatea din Bucuresti	Chimie
137	M. Joita	A note on Lebesgue type decomposition for covariant completely positive maps on C*-algebras	articol	Banach J. Math. Anal	2	4	2010	75-86	0.33617	Universitatea din Bucuresti	Chimie
138	M. Joita	Frames of multipliers in tensor products of Hilbert C*-modules	articol	Journal of Mathematical Analysis and Applications		367	2010	522-534	1.07823	Universitatea din Bucuresti	Chimie

139	M. Duca, Fifrig M.	Dissociative excitation of HD+, D2+, and DT+ by electron impact	articol	Cent Eur J Phys	1	8	2010	87-94	0.44598	Universitatea din Bucuresti	Chimie
140	A. Varlan, M. Duca, Fifrig M.	Competition between reaction channels in electron collisions of vibrationally excited H2+	articol	Mol Phys	16	108	2010	2093-2104	0.8438	Universitatea din Bucuresti	Chimie
<b>TOTAL 2010</b>									<b>167.88837</b>		



1	I. Gh. Tănase	Aspects concerning validation of a method for chromium content determination in Romanian wines by ETAAS after microwave mineralization	articol	Romanian Biotechnological Letters, 13, 6, 4022-4029	6	13	2008	4022-4029	Universitatea din Bucuresti	chimie
2	M. Joita	Crossed products of pro-C*-algebras and strong Morita equivalence	articol	Mediterranean Journal of Mathematics	4	5	2008	467-492	Universitatea din Bucuresti	chimie
3	Olteanu M	Evaluation of physical and chemical characteristics of yellow colorant produced by Epicoccum nigrum MIUG 2.15 in crude extracts and emulsions	articol	ROMANIAN BIOTECHNOLOGICAL LETTERS	5	13	2008	59-68	Universitatea din Bucuresti	chimie
4	Olteanu M	Preparation of some affinity membranes from functional polymers based on polysulphone and brominated polyphenylene oxide	articol	Materiale Plastice	2	45	2008	167-171	Universitatea din Bucuresti	chimie

5	Olteanu M	Functional polymers of polysulphone and polyphenylene oxide type used to obtain affinity membranes	articol	Materiale Plastice	1	45	2008	29-33	Universitatea din Bucuresti	chimie
6	Ion Gh.Tanase	Aspects concerning validation of a method for chromium content determination in Romanian wines by ETAAS after microwave mineralization	articol	Romanian Biotechnological Letters	6	13	2008	4022-4029	Universitatea din Bucuresti	chimie
<b>TOTAL 2008</b>										
1	P.Z. Iordache, L. Mutihac, L. Kim,	The obtaining of high sensitivity and specificity transducer media for sensors specialized in biological toxin detection	articol	Digest Journal of Nanomaterials and Biostructures	4	4	2009	699-712	Universitatea din Bucuresti	chimie
2	A. Ciucu	Giant Wing Sphenoid Meningioma with Principal Manifestation Depression		Rom. J. Morpholog. and Embrionol.; Biologie, 50,4, 713-717	4	50	2009	713-717	Universitatea din Bucuresti	chimie

3	V.Dumitrescu, I.Tanase	The optimization of the methods for Cu, Zn and Pb content determination in Romanian wines by AAS after dry or microwave mineralizaon	articol	Romanian Biotechnological Letters	2	14	2009	4320-4326	Universitatea din Bucuresti	chimie
4	V.David, A.Medvedovici	Assay of untransformed quinapril and its metabolite quinaprilat for drug bioequivalence evaluation: prospective, concurrential and retrospective method validation		Bioanalysis	1	1	2009	71-86	Universitatea din Bucuresti	chimie
4	A.Medvedovici	MATHEMATICAL AND PHENOMENOLOGICAL CRITERIA IN SELECTION OF PHARMACOKINETIC MODEL FOR M1 METABOLITE OF PENTOXYPHYLLINE	articol	Farmacia	2	57	2009	235-246	Universitatea din Bucuresti	chimie

5	Maria Joita	A note on countably generated Hilbert modules	articol	Results in Mathematics	1-2	55	2009	101-109	Universitatea din Bucuresti	chimie
6	Maria Joita	Stable outer conjugacy and strong Morita equivalence of group actions on pro-C*-algebras	articol	Cent. Eur. J. Math.	1	7	2009	73-83	Universitatea din Bucuresti	chimie
7	Manuela Florea-Spiroiu, Mihaela Olteanu, Viorica Stanescu	Biopolymeric Microcapsules for Controlled Release of Pralidoxime Chloride	articol	Materiale Plastice	3	46	2009	295-299	Universitatea din Bucuresti	chimie
8	V.Magearu	TLC applications on separation and quantification of fat-soluble vitamins	articol	Romanian Biotechnological Letters	5	14	2009	4615-4619	Universitatea din Bucuresti	chimie

9	P. Zamora Iordache, A. Hotaranu, L. Mutihac	Biochemical fixing and activation mechanisms of amino groups deposited on the surface and in the depth of polymeric layers of the $n[\text{SiO}_{1.5}(\text{CH}_2)_3\text{NH}_2]$ type deposited on the $\text{Fe}_3\text{O}_4$ nanoparticle surface	articol	Materiale Pactice	2	46	162-168	162-168	Universitatea din Bucuresti	chimie
10	Ruta L , Matache M	Porous/Gold surface Preparation for Protein Microarray Applications		ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY	3	12	2009	385-393	Universitatea din Bucuresti	chimie
11	E. Segal	ISOCONVERSIONAL LINEAR INTEGRAL KINETICS OF THE NON-ISOTHERMAL EVAPORATION OF 4-[(4-chlorobenzyl)oxy]-4'-trifluoromethyl-azobenzene		STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA			2009		Universitatea din Bucuresti	chimie
12	O. Staicu, V. Munteanu, D. Oancea	Overall kinetics for the catalytic ignition of ethane-air mixtures on platinum		Studia universitatis Babes-Bolyai, Chemia,	3		2009		Universitatea din Bucuresti	chimie



13	Medvedovici A.	Mathematical and phenomenological criteria in selection of pharmacokinetic model for M1 metabolite of pentoxyphylline	articol	FARMACIA, 57, 2, 235-246	2	57	2009	235-246	Universitatea din Bucuresti	chimie
14	Ruta L (Ruta, Lavinia), Matache M (Matache, Mihaela) <sup>2</sup>	Porous/Gold surface Preparation for Protein Microarray Applications	articol	ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY	3	12	2009	385-393	Universitatea din Bucuresti	chimie
<b>TOTAL 2009</b>										
1	Z.Moldovan	Composites of High-Density Polyethylene-Elastomer: Analysis by Physico-mechanical Tests and ATR-FTIR Spectrometry	articol	Polym. Anal. and Characterization; Chemistry	2	14	2009	102-114	Universitatea din Bucuresti	chimie

2	Leca M,	Clean bio-technologies for obtaining new pharmaceutical formulations based on collagen gels and marine algae extracts for medical applications	articol	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	2	11	2010	654-665	Universitatea din Bucuresti	chimie
3	Leca M, Micutz M, Staicu T	Optimization of biodiesel production by transesterification of vegetable oils using lipases	articol	ROMANIAN BIOTECHNOLOGICAL LETTERS	5	15	2010	5618-5630	Universitatea din Bucuresti	chimie
4	Oprea, E.	The cicatrizing action of a new topical product based on <i>Ribes nigrum</i> essential oil	articol	Farmacia	4	58	2010	465-470	Universitatea din Bucuresti	chimie
5	S.M. Coman, V.I. Parvulescu	Synthesis of Vitamin K1 and K1-Chromanol by Friedel-Crafts Alkylation in Heterogeneous Catalysis	articol	ChemCatChem	1	2	2010	92-97	Universitatea din Bucuresti	chimie

6	A. Emandi, I. Stamatin	Solvatochromic Properties of Azo and Azomethin Tridentate Ligands in Coordinative Compounds with [Er(ONO)] Chromophores	articol	Digest Journal of Nanomaterials and Biostructures	5	4	2010	851-858	Universitatea din Bucuresti	chimie
7	Medvedovici A.	A novel approach on pharmacokinetic/pharmacodynamic correlations of risperidone: understanding its safety and efficacy profiles	articol	ACTA ENDOCRINOLOGICA	2	6	2010	265-286	Universitatea din Bucuresti	chimie
8	Ferbinteanu, M.	ON THE MULTIPLE FACETS OF AROMATICITY: ORGANIC, INORGANIC, ORGANOMETALLIC, COORDINATION AND SUPRAMOLECULAR CASE STUDIES	articol	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	55	1	2010	69-87	Universitatea din Bucuresti	chimie
9	Coman SM, Parvulescu VI	Synthesis of Vitamin K1 and K1-Chromanol by Friedel-Crafts Alkylation in Heterogeneous Catalysis	articol	ChemCatChem	1	2	2010	92-97	Universitatea din Bucuresti	chimie



**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	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)  
(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	Aflierea institutionala a autorului/ autorilor	Numele bazei de date	Domeniul de ierarhizare pentru care au fost raportate aceste date
1	M. Joita,	Representations associated to completely $n$ -positive linear maps between $C^*$ -algebras	Stud. Cercet. Stiint., Ser. Mat.	16	2006	111-122	Universitatea din Bucuresti	MathSciNet, Zentralblatt MATH	chimie
2	M. Joita	On the linking algebra of a Hilbert module and strong Morita equivalence of locally $C^*$ -algebras	Surveys in Mathematics and its Applications	1	2006	23-32	Universitatea din Bucuresti	MathSciNet, Zentralblatt MATH	chimie
3	I. Dobrica, P.Bugheanu, I.Stanculescu	FTIR SPECTRAL DATA OF WOOD USED IN ROMANIAN TRADITIONAL VILLAGE CONSTRUCTIONS	Anal. Univ. Buc.	2	2006	43-48	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie

4	Bunaciu AA, Aboul-Enein HY, Fleschin S.	FT-IR Spectropho metric analysis of acetylsalicylic acid and its pharmaceutica l formulations	Can J Analyt Sci Spectroscopy	51	2006	253-259	Universitatea din Bucuresti	SCOPUS	chimie
<b>TOTAL 2006</b>									
1	M. Joita,	Characterizati on of the order relation on the set of completely n- positive linear maps between C* - algebras	Surveys in Mathematics and its Applications	2	2007	113-122	Universitatea din Bucuresti	MathSciNet, Zentralblatt MATH	chimie
2	M. Joita	A note about full Hilbert modules over Frechet locally C* - algebra	Novi Sad Journal of Mathematics	37	2007	27-32	Universitatea din Bucuresti	MathSciNet, Zentralblatt MATH	chimie
<b>TOTAL 2007</b>									
1	Marilena Ferbinteanu	The Symmetry Blueprints of the Molecular Edifices,	Symmetry: Culture and Science, vol.19, No.4, 397-414, 2008.(ISSN 0865-4824)	19	2008	397-414	Universitatea din Bucuresti		chimie
2	Iordache C, Oprea E, Bleotu C, Dumitrescu D, Pircalabioru G, Bucur M, Larion C, Lixandru M, Israil AM, Lazar V, Chifiriuc MC.	The role of proteins expressed under the stress condition in virulence of some <i>Vibrio</i> strains	Roum Arch Microbiol Immunol	67	2008	85-91	Universitatea din Bucuresti	SCOPUS	chimie



3	Mamede, A.-S.a , Payen, E.a , Granger, P.a , Florea, M.b , Părvulescu, V.I.b	WOx-CeO2 and WOx- Nb2O5 catalysts deactivation during hexane isomerization	AIChE Journal	54	2008	1303-1312	Universitatea din Bucuresti	SCOPUS	chimie
4	Manolescu, B., Atanasiu, V., Cercasov, C., Stoian, I., Oprea, E., Bu u, C.	So many options but one choice: the human body prefers a-tocopherol. A matter of stereochemist ry	Journal of medicine and life	1	2008	376-382	Universitatea din Bucuresti	SCOPUS	chimie
5	Z.Moldovan	EPDM-HDPE blends with different cure systems / Mechanical and Infra-red spectrometric properties	J. Appl. Sci	7 (8)	2008	1212-1217	Universitatea din Bucuresti	Asian Network for Scientific Information	Chimie
6	L.Mutihac	Functionalized calix[n]arenes as membrane transporters for biological compounds	Current Drug Delivery Technology	5	2008	98-104	Universitatea din Bucuresti	Bentham	Chimie
7	A.F. Danet	Stable Isotope Fractionation of Hexachlorcycl ohexanes during Reductive Dechlorination	Organohalogen Compunds	70	2008	001097- 001100	Universitatea din Bucuresti		Chimie

8	G inar I., Bala D.	The potential of supercritical CO <sub>2</sub> as a solvent in the extraction of peppermint essential oil	Analele Universit ii Bucure ti, Chimie XVII	I	2008	39-43	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie
9	V.St nescu, M.Olteanu, M. Florea-Spiroiu,	Using fractal analysis to describe collagen-chitosan matrices	Analele Universit ii Bucure ti, Chimie XVII	II	2008	47-51	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie
10	M.Florea-Spiroiu, M. Olteanu, V. Stanescu,	Surface tension components of plasma treated polysulphone membranes	Analele Universit ii Bucure ti, Chimie XVII	II	2008	13-18	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie
11	M.C.Stroe, M.Fifirig	Reactive collisions between electrons and molecular Hydrogen cation Isotopomers: Cross Sections and Rate Coefficients for HD+ and DT+	ATOMIC AND PLASMA MATERIAL INTERACTION DATA FOR FUSION	14	2008	64-71	Universitatea din Bucuresti	IAEA org	chimie

12	O. M. Staicu, V. Munteanu, D. Oancea	Pressure effect on the transition from kinetic to diffusion control during catalytic ignition	Anal. Univ. Buc.	17	2008	25-31	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie
13	M. Puiu, N. G. Musat, V. Munteanu, D. Oancea	Error propagation in evaluation of the maximum experimental safe gap via quenching distance measurements	Anal. Univ. Buc.	17	2008	19-24	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie
14	I. Stanculescu	RAMAN SPECTRA OF DECAYED WOOD SAMPLES	Anal. Univ. Buc.	1	2008	33-37	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie
15	I.Vlaicu, A. Cristian, C.Mihailciuc	Electrodeposition and characterization of a cobalt hexacyanoferrate-poly(3-methylthiophene) modified electrode by using cyclic voltammetry	Anal. Univ. Buc.	2	2008	25-32	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie

16	A. S.Dobre, M., Dascalu, C.Mihailciuc	Electrodeposition and characterization of a poly(3-methylthiophene)-cobalt hexacyanoferrate modified electrode by using cyclic voltammetry	Anal. Univ. Buc.	2	2008	7-12	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie
17	A.Ciucu	Voltammetric determination of neurotransmitters as biochemical markers in psychiatric diseases	European Psychiatry	23	2008	S172-S173	Universitatea din Bucuresti		Chimie
<b>TOTAL 2008</b>									
1	Bunaciu A , Udristioiu GE, Ruta L, Fleschin S,	Determination of diosmin in pharmaceutical formulations using Fourier transform infrared spectrophotometry	Saudi Pharmaceutical Journal	17	2009	303-307	Universitatea din Bucuresti	SCOPUS	chimie
2	Marutescu L, Saviuc C, Oprea E, Savu B, Bucur M, Stanciu G, Chifiriuc MC, Lazar V	In vitro susceptibility of <i>Erwinia amylovora</i> (Burrill) Winslow to <i>Citrus maxima</i> essential oil	Roum Arch Microbiol Immunol	68	2009	223-227	Universitatea din Bucuresti	SCOPUS	chimie

3	Oprea E	In vitro study of the inhibitory activity of usnic acid on dental plaque biofilm	Roum Arch Microbiol Immunol	68	2009	215-223	Universitatea din Bucuresti	SCOPUS	chimie
4	A.Ciucu	Microcellular Carbon From Polyacrylonitrile Precursors	J.O.A.M	11	2009	788-793	Universitatea din Bucuresti		Chimie
<b>TOTAL 2009</b>									
1	C.Mihailciuc	On the current density and overvoltage signs. IV. The Case of the transfer of two ions of the same charge across the ITIES in open circuit condition	Anal. Univ. Buc.	18	2009	47-57	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	CHIMIE
2	D. Oancea	Overall activation energy of propane-air combustion in laminar flames	Anal. Univ. Buc.	18	2009	35-41	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	CHIMIE

3	D. Oancea	Explosion pressures of confined deflagrations propagating in stoichiometric gaseous mixtures of lower alkanes with air	Anal. Univ. Buc.	18	2009	39-46	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	CHIMIE
4	G. Inar I.; Bala D.	Isolation and fractional separation of tarragon essential oil by supercritical fluid	Analele Universit ii Bucure ti, Chimie 19		2009	21-25	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie
5	I. Stanculescu, I. Dobrica, C. Mandravel	FTIR AND MOLECULAR MODELING STUDY OF THE INTERACTION BETWEEN - CYCLODEXTRIN AND POLYCHLOROBIPHENYLS	Anal. Univ. Buc.	19	2010	47-52	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	CHIMIE
6	V. Munteanu D. Oancea	Incipient phase of the catalytic ignition of lean n-heptane-air mixture	Anal. Univ. Buc.	19	2010	49-53	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	CHIMIE

7	Radu Munteanu	A note on subalgebras of reduced C*-algebras associated to equivalence relations	Revue Roumaine de Mathematiques Pures et Appliquees	55	2010	381-386	Universitatea din Bucuresti	MathRev, Zentralblatt MATH	chimie
8	C. Plosceanu, M. Duca	Effect of Temperature on the Refractive Indices and Optical Birefringence Dispersion of Nematic Liquid Crystal 4-Cyanophenil-4'-Pentyl Benzoate	Analele Universit ii Bucure ti, Chimie 19	1	2010	55-60	Universitatea din Bucuresti	Index Copernicus, DOAJ, Caplus	chimie
9	A. Emandi	The Assesment Of The Decayed Lime Wood Polymeric	International Journal of Conservation Science, 1, 4, 2010, p. 211-219	1	2010	211-219	Universitatea din Bucuresti	INDEX COPERNICUS	chimie
10	Z.Moldovan	A Spectrophotometric Method for Diosmin Determination	The Open Chemical and Biomedical Methods Journal	3	2010	74-78	Universitatea din Bucuresti	Bentham	Chimie
<b>TOTAL 2010</b>									





### C1.3. Articole indexate BDI

***Lista articolelor publicate in reviste de specialitate nationale recunoscute CNCSIS (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
1	Zavoianu, R.; Pavel, O.D.; Cruceanu, A, Angelescu	La Dimerisation de l'ethylene en presence des complexes MII (2,2'-bipyridine) (MII = Fe, Co) supportes sur zeolithe Y	articol	SCIENTIFIC STUDY & RESEARCH	1	7	2006	171-183	Universitatea din Bucuresti	chimie
2	I. STANCULESCU, V. CHIOSA, C. MANDRAVEL	A theoretical approach to molecular interaction between cholesterol and 2-pyridine aldoxime methyl chloride	articol	Anal. Univ. Buc.		1	2006	101-105	Universitatea din Bucuresti	chimie
3	Constantin Mihailciuc	Cyclic voltammetry study of [Cu(acac)(2,2'-bipym)ClO <sub>4</sub> ],	articol	Anal. Univ. Buc.		1	2006	87-91	Universitatea din Bucuresti	chimie



1	Enache, Daniela Bulcu, Elena Volanschi	Spectral studies of anticancer drug actinomycin D in aqueous solutions of various surfactants	articol	Journal of Colloid and Surface Chemistry		8	2008	43-51	Universitatea din Bucuresti	chimie
<b>TOTAL 2008</b>										
1	C. Toader, I. Zarafu, I. Baci	Note II. A new research on biological activity of (2s,3s)-1,4-bis-sulfanylbutane-2,3-diol	articol	SCIENTIFIC STUDY & RESEARCH		10	2009	1582	Universitatea din Bucuresti	chimie
<b>TOTAL 2009</b>										
1	A. Medvedovici	Editorial: Liquid chromatography – Quo vadis	articol	ANALELE UNIVERSITATII BUCURESTI	1	19	2010	p. 5-11	Universitatea din Bucuresti	chimie
2	E.Bacalum, A.Tanase, V.David	Retention mechanisms applied in solid phase extraction for some polar compounds	articol	Analele Universitatii din Bucuresti	2	19	2010	61-68	Universitatea din Bucuresti	chimie
3	M d lina Veronica Angelu iu, Tudor Ro u, Maria Negoiu, tefania-Felicia B rbuceanu, Gabriela Laura Alm jan	Synthesis, characterization and antibacterial activity of new Ni(II), Co(II) and Cu(II) complexes with N,N'-diacylhydrazines	articol	U.P.B. Sci. Bull., Series B, Vol. 72, Iss. 1, 2010, p 129	72	1	2010	129	Universitatea din Bucuresti	chimie



#### 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
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**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
1	V.David, A.Medvedovici	Metode de separare în chimia analitic	2006	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
2	Badea, I.	<i>Aplicații ale spectrometriei UV-VIS în Chimia Analitică</i> ,	2006	Editura Didactica si Pedagogica	Bucuresti	Universitatea din Bucuresti	Chimie
3	C. Cercasov, V. Lazar, E. Oprea, C-V Popa, I. C. Frc anu, M. C. Balotescu, C.C. Paraschivescu, L.L. Ru	Dic ionar de termeni specifici domeniilor de grani cu chimia	2006	Ed. Univ. Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
4	I.-C. Marcu, I. S ndulescu	Metode de Preparare i Caracterizare a Catalizatorilor	2006	Ed. Univ. Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
5	Viorica Meltzer, Daniela Bala, Gabriela Cristescu	Termodinamic chimic în probleme i lucr ri practice de laborator	2006	Editura Universit ii Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
6	Ioan G inar, Daniela Bala	M surarea temperaturii i presiunii în laboratoarele de cercetare. Aplica ii	2006	Editura Universit ii Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
7	Maria Joita	Hilbert modules over locally $C^*$ -algebras	2006	Editura Universit ii Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
8	V. Munteanu, C. Podina, I.V. Tudose	Lucrari practice de radiochimie	2006	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie

9	V. CHIOSA, I. STANCULESCU, C, MANDRAVEL	Structura moleculara	2006	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
10	C. Mihailciuc	Electrochemistry	2006	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
<b>TOTAL 2006</b>							
1	V.David, A.Medvedovici	Metode de separare si analiza cromatografica	2007	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
2	I.Gh. Tanase	Analiza instrumentala. Partea I. Tehnici si metode electrometrice de analiza	2007	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
3	I.Gh. Tanase	Analiza instrumentala. Partea I. Tehnici si metode spectrometrice de analiza	2007	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
4	Viorica Meltzer	Termodinamic chimic	2007	Editura Universit ii Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
5	Viorica Meltzer, Elena Pincu, Gabriela Cristescu	Energetic chimic	2007	Editura Universit ii Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
6	Maria Joita	Crossed products of locally C*- algebras	2007	Editura Academiei Romane	Bucuresti	Universitatea din Bucuresti	Chimie
7	I. STANCULESCU, C. MANDRAVEL	Interactions moleculaires. Applications aux medicaments	2007	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
<b>TOTAL 2007</b>							
1	V.David, A.Medvedovici	Metode de separare i analiz cromatografic	2008	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie

2	Pop Veronica	Introducere in Chimia Metalelor	2008	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
3	Mirela Calinescu	CHIMIE Pentru studentii Facultatii de Geologie si Coefizien	2008	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
4	A.Ciucu	Tulburarea depresiva si anxioasa. Actualitati	2008	Aius Printed	Craiova	Universitatea din Bucuresti	Chimie
5	I. ZARAFU, L. IVAN	Reactivi i sinteze in chimia organic modern	2008	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
6	I. ZARAFU, L. IVAN	Travaux pratiques de chimie organique	2008	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
7	C.-V. Popa, C. Cercasov	Compu i naturali cu ac iune terapeutic . Partea I. Editia a 2-a revizuit i adaugit	2008	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
8	Maria Joita	Completely positive linear maps on pro-C*- algebras	2008	Editura Universit ii Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
9	E Volanschi, L Birla, A Tirsoaga	Atomistique et structure des molecules	2008	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
<b>TOTAL 2008</b>							
1	I. Baci, C. Dobrota, I. Dumitru, M. Matache, C. C. Paraschivescu, L. L. Ruta,	Separarea si purificarea compusilor organici-Lucrari practice pentru anul I	2009	Ed. Univ. din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
2	Maria Marinescu, Irina Zarafu	Chimie Organic prin exerci ii i probleme, (Partea I)	2009	Editura Universit ii din Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie



3	3. Cornelia Cercasov, Eliza Oprea, Valentina Claudia Popa, Ileana Cornelia Frc anu	Compu i naturali cu ac iune terapeutic	2009	Editura Universit ii din Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
4	Dana Marinescu, Rodica Olar, Mihaela Badea	Compusi coordinativi naturali	2009	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
5	Dana Marinescu, Rodica Olar, Mihaela Badea	Compusi coordinativi naturali	2009	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
<b>TOTAL 2009</b>							
1	I.G.David, V.David	Tehnici instrumentale avansate. Note de curs	2010	Editura Universitatii din Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
2	P. Ionita	Radicali liberi persistenti in exemple si aplicatii	2010	Ars Docendi	Bucuresti	Universitatea din Bucuresti	Chimie
3	Coman, S. M., Parvulescu, V. I.	Cataliza acido-bazica	2010	Ed. Academiei Romane	Bucuresti	Universitatea din Bucuresti	Chimie
4	Eliza Oprea, Bogdan Nicolae Manolescu	Farmacologie – teste grill	2010	Editura Universit ii din Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
5	Viorica Meltzer, Elena Pincu, Gabriela Cristescu	Energetic chimic , editia II	2010	Editura Universit ii Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
6	Viorica Meltzer, Elena Pincu	Combustie si poluare	2010	Editura Universit ii Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
7	V. Munteanu, C. Podina	Combustibili nucleari	2010	Editura Universitatii Bucuresti	Bucuresti	Universitatea din Bucuresti	Chimie
8	Manuela Florea-Spiroiu, Otilia Cinteza	Chimia fizica a coloizilor si interfetelor. Aplicatii in biotehnologie	2010	Editura Universit ii Bucure ti	Bucuresti	Universitatea din Bucuresti	Chimie
9	CALINESCU, MIRELA, FERBINTEANU, MARILENA, POPESCU, DELIA, ILIS, MONICA	LUCRARI PRACTICE SI PROBLEME DE CHIMIE	2010	ARS DOCENDI - UNIVERSITATE A DIN BUCURESTI	Bucuresti	Universitatea din Bucuresti	Chimie

TOTAL 2010							
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***Lista capitolelor de carte publicate la edituri internationale***  
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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	A.Medvedovici, V.David	Encyclopedia of Chromatography on-line	Pump/solvent delivery system design for HPLC	2006	Taylor & Francis Publications	New York	USA	Universitatea din Bucuresti	Chimie
2	V.David, A.Medvedovici	Encyclopedia of Chromatography on-line	Sample introduction techniques for HPLC	2006	Taylor & Francis Publications	New York	USA	Universitatea din Bucuresti	Chimie
3	V. I. Pârvulescu, V. Marcu	Surface and Nanomolecular Catalysis	Heterogeneous Photocatalysis	2006	CRC Press - Taylor and Francis Group (FOST MARCEL DECKER)	Boca Raton, Florida	SUA	Universitatea din Bucuresti	Chimie
4	S.M. Coman, V.I. Pârvulescu, G. Poncelet	Surface and Nanomolecular Catalysis	Asymmetric catalysis by heterogeneous catalysts	2006	CRC Press - Taylor and Francis Group (FOST MARCEL DECKER)	Boca Raton, Florida	SUA	Universitatea din Bucuresti	Chimie

5	Rădulescu V., Oprea Eliza, Chiliment S.	Advances and Topical Issues (1 <sup>st</sup> Edition)	Isolation and Analysis Methods of Volatile Compounds from Flowers and Leaves, Floriculture, Ornamental and Plant Biotechnology	2006	Global Science Books, Ltd,		UK	Universitatea din Bucuresti	Chimie
<b>TOTAL 2006</b>									
1	M.Tudorache, C.Bala	Recent Advances in Analytical Electrochemi stry	Electrochemical biosensors base dot screen-printed electrodes: application for environmental and food analysis	2007	Research Signpost		Germany	Universitatea din Bucuresti	Chimie
2	M. Tudorache, C. Bala	Recent Advances in Analytical Electrochem istry	Electrochemical biosensors based on screen-printed electrodes. Applications for environmental and food analyses	2007	Transworld Research Network	Trivandrum	India	Universitatea din Bucuresti	Chimie
<b>TOTAL 2007</b>									
1	A.Medvedovici, V.David	Encyclopedia of Chromatogra phy	Pump/solvent delivery system design for HPLC	2009	Taylor & Francis Publications	New York	USA	Universitatea din Bucuresti	Chimie
2	R. Gheorghe, A. M. Madalan, M. Andruh	Experiments in Green and Sustainable Chemistry	Three are better than one: gathering three different metals in the same molecule. A straightforward route to 3d-3d'-4f heterometal systems	2009	Wiley-VCH	Chichester	England	Universitatea din Bucuresti	Chimie
3	M. Andruh	Macromolecul es Containing Metals and Metal-Like Elements: Inorganic Supramolecula r Assemblies	Crystal engineering of coordination polymers	2009	Wiley- Interscience	Hoboken NJ	England	Universitatea din Bucuresti	Chimie



### C1.7. Capitole de carti la edituri CNCSIS

***Lista capitolelor de carte publicate la edituri nationale recunoscute de CNCSIS***  
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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	C. Mihailciuc	Electrochimie si coroziune		2006	Ed. Printech, Bucuresti		UB	chimie