

**II. LISTA\_APICATII\_PRIMITE\_Premierea\_rezultatelor\_Tip\_ARTICOL / SEPTEMBRIE**

NR. CRT	COD CNCSIS	NUME APPLICANT	PRENUME APPLICANT	INSTITUTIE	TITLU ARTICOL	SURSA	DOMENIU STIINTIFIC
1	1	Morari	Cristian	Institutul National de Cercetare Dezvoltare pentru tehnologii izotopice si moleculare INCDTIM	Electronic properties of 1-4, phenylene diisocyanide molecules contacted between Pt and Pd electrodes	PHYSICAL Review B 76, 115428, Sept 2004	Condensed Matter and Materials Physics
2	2	David	Victor	Universitatea Bucuresti	Fast on short sub-two microns particles packed column for the assay of tenoxicam in plasma samples	Journal of pharmaceutical and biomedical chromatography, 43 (4), 1437-1443 (2007)	Chemistry
3	3	David	Victor	Universitatea Bucuresti	Validated ion pair liquid chromatography/fluorescence detection method for assessing the variability of the loratadine metabolism occurring in bioequivalence studies.	Biomedical Chromatography, 21 (10), 1023-1029 (2007).	Chemistry
4	4	David	Victor	Universitatea Bucuresti	High-throughput liquid-chromatography method with fluorescence detection for reciprocal determination of furosemide or norfloxacin in human plasma.	Biomedical Chromatography, 21 (1), 40-47 (2007).	Chemistry
5	5	David	Victor	Universitatea Bucuresti	Achiral-Chiral LC/LC-FLD coupling for determination of carvedilol in plasma samples for bioequivalence purposes.	Journal of Chromatography B, 850, 327-335 (2007)	Chemistry
6	6	David	Victor	Universitatea Bucuresti	Considerations on MS/SM detection of bromazepam after liquid chromatographic separation from plasma samples:application to a bioequivalence study	Journal of liquid chromatography and related technologies, 30(18), 2699-2715 (2007)	Chemistry
7	7	David	Victor	Universitatea Bucuresti	Structure-Retention Correlation in liquid chromatography for pharmaceutical applications.	Journal of liquid chromatography and related technologies, 30 (5-7), 761-789 (2007)	Chemistry
8	8	David	Victor	Universitatea Bucuresti	Retention phenomena induced by large volume injection of organic solvents non-miscible with mobile phase in reversed-phase liquid chromatography	Journal of liquid chromatography and related technologies, 30 (2), 199-213 (2007)	Chemistry
9	9	David	Victor	Universitatea Bucuresti	Determination of glibenclamide in human plasma by liquid chromatography with atmospheric pressure chemical ionization.	Journal of chromatography B, 846, 222-229 (2007)	Chemistry
10	10	David	Victor	Universitatea Bucuresti	Simultaneous assay of metformin and glibenclamide in human plasma based on extraction-less sample preparation procedure and LC(APCI)MS.	Journal of Chromatography B, 854, 211-218 (2007)	Chemistry
11	11	David	Victor	Universitatea Bucuresti	Determination of nimesulide and its active metabolite in plasma samples based on solvent deproteinization and HPL-DAD analysis.	Revue Roumaine de chimie, 52 (5), 501-509 (2007)	Chemistry
12	12	Tantau	Ioan	Universitatea Babes Bolyai din Cluj Napoca	The influence of refugial population on lateglacial and early holocene vegetational changes in Romania	Review of palaeobotany and palynology, 145 305-320 jul 2007	Plant sciences
13	13	Rakosy	Laszlo	Universitatea Babes Bolyai din Cluj Napoca	Multiple differentiation centres of a non-mediterranean butterfly species in south-eastern europe.	Journal of biogeography. 33 1130-1143	Biology

14	14	Logofatu	Petre Catalin	INFLPR	The fourier transform in optics - from continuous to discrete or from analogous experiment to digital calculus	Journal of optoelectronics and advanced materials 9 (9) 2838-2846 September 2007	Materials Science, multidisciplinary optics physics, applied
15	15	Cascaval	Dan	Universitatea Tehnica Gh. Asachi Iasi	Selective separation of gentamicins from the biosynthetic mixture by reactive extraction	Separation and purification technology 57(2), 264-269, OCT 2007	Engineering, chemistry, biotechnology, environmental protection factor de impact 2006 -
16	16	Pop	Petru Adrian	Universitatea din Oradea	DECT2007-34050 - Influence of equivalence dynamic parameters variation about behavior structure of milling machine tools	Proceeding of 2007 ASME-INTERNATIONAL DESIGNENGINEERING TECHNICAL	ISI_A
17	17	Ungur	Petru	Universitatea din Oradea	DECT2007-34042 - Optimal construction of a hydraulic pump with elliptic rotated piston by kakeya-besicovitch application	Proceeding of 2007 ASME-INTERNATIONAL DESIGNENGINEERING TECHNICAL	ISI_A
18	18	Tolea	Mugurel	INCDFM	Correlated electrons and transport in a Quantum point contact and in a double-Quantum-Dot System	Journal of Physics - Condensed Matter 19, 255211 (2007)	Fizica
19	19	Cogalniceanu	Dan	Universitatea Ovidius din Constanta	Phylogeography of the fire-bellied toads bombina - independent pleistocene histories inferred from mitochondrial genomes	Molecular Ecology (2007) 16 2301-2316	ISI Journal Citation Reports Ranking - 2006 55/262 (Biochemistry - molecular)
20	20	Curteanu	Silvia	Universitatea tehnica Gh. Asachi din Iasi	Optimization strategy based on genetic algorithms and neural networks applied to a polymerization process	International Journal of quantum chemistry, Vol 107, nr. 11, 2007	ISI - 1192
21	21	Kiss	Adrian Emil	INOE 2000	Multilayer coating of tinib shape memory alloys	Review on advanced materials science 15(3) 259-263 july 2007	Materials Science-Theoretical and experimental studies of advanced materials
22	22	Sima	Anca Volumnia	Institutul de biologie si patologie celulara Nicolae Simionescu	Apolipoprotein e polymorphism-a risk factor for metabolic syndrome	Clin Chem Lab Med. 45(9) 1149-53, Sep 2007	Natural Sciences, 2005 Impact factor 1918
23	23	Niculescu	Loredan Stefan	Institutul de biologie si patologie celulara Nicolae Simionescu	Apolipoprotein A-V Gene Polymorphisms in subjects with metabolic syndrome	Clin Chem Lab Med 45 (9) 1133-9,	Natural Science, 2005 Impact factor 1918
24	27	Mihai	Marcela	Institutul de chimie macromoleculara Petru Poni Iasi	Formation and colloidal stability of some polyelectrolyte complex dispersions based on random copolymers of AMPS	Revue Roumanie de CHIMIE 52(3) 267-273 March 2007	Chemistry
25	28	Mihai	Marcela	Institutul de chimie macromoleculara Petru Poni Iasi	Dependency of particle and colloidal stability of polyelectrolyte complex dispersions on polyanion structure and preparation mode investigated by DLS and AFM	Journal of physical chemistry B 11 (29) 8668-8675 July 2007	Chemistry, Physical
26	29	Bucataru	Florin	Institutul de chimie macromoleculara Petru Poni Iasi	Synthesis and characterization of novel organic/inorganic hybrid material with short peptide brushes generated on the surface	Biomacromolecules 2007, 8(9), 2954-2959	Biochemistry
27	30	Timus	Dan Mircea	Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei	Some further analytical results on the solid angle subtended at a point by a circular disk using elliptic integrals	Nuclear instruments and methods in physisc research A 580 (2007) 149-152	Nuclear Science Technology
28	31	Buruiana	Emil	Institutul de chimie macromoleculara Petru Poni Iasi	Elastomeric Azo-Polyurethanes containing fluorescent pyrene and their photo activity	Designed monomers and polymers 10 (4), 347-360 jun 2007	chemistry and materials science

29	32	Buruiana	Emil	Institutul de chimie macromoleculara Petru Poni Iasi	Preparation and characterization of new optically active poly(N-Acryloyl Chloride) functionalized with (S)-phenylalanine and pendant pyrene	Journal of photochemistry and photobiology A-Chemistry 189 (1) 65-72 Jun 2007	chemistry-physical and theoretical chemistry
30	33	Buruiana	Emil	Institutul de chimie macromoleculara Petru Poni Iasi	Synthesis, characterization and fluorescence study of new polyacrylates containing stilbene	European polymer journal 43 (10), 4316-4324 Oct2007	chemistry
31	34	Pintea	Camelia Mihaela	Universitatea Babes Bolyai din Cluj Napoca	Improving clustering based on ants phenotype matching	Journal of universal computer science 13(7) 1076-1084 July 2007	Computer Science, theory, methods
32	35	Nemtanu	Monica Roxana	INFLPR	Use of electron beam irradiation to improve the microbiological safety of hippophae rhamnoides	Nuclear instruments and methods in physics research A 580 (1) 792-794, Sept 2007	Nuclear Science Technology
33	36	Polosan	Silviu Paul	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Lithium deposition on high energy irradiated lif crystals	Journal of optoelectronics and advanced materials 9(5) 1306-1309 May 2007	Materials science, multidisciplinary, optics, physics, applied
34	37	Polosan	Silviu Paul	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Electrolytic reduction of TL+ions in KCL crystals	Optical materials, 30 95-97, Sept 2007	Materials science, multidisciplinary, optics
35	38	Enculescu	Maria Monica	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Micro and Nanorods of Alkali Halides grown in polymer templates	Journal of optoelectronics and advanced materials 9(5) 1561-1563, May 2007	Materials science, multidisciplinary, optics
36	39	Enculescu	Ionut Marius	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Deposition and properties of CDTE nanowires prepared by template replication	Physica status solidi B-Basic solid state physics 244 (5) 1607-1611, May 2007	Physics, Condensed matter
37	40	Enculescu	Ionut Marius	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Influence of geometrical properties on light emission of zno nanowires	Optical materials, 30 (1) 72-75, 2007	Materials science, multidisciplinary, optics
38	41	Enculescu	Ionut Marius	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Preparation of metallic nanowires with magnet propoerties using the template method	Journal of optoelectronics and advanced materials 9(5)1468-1470, May 2007	Materials science, multidisciplinary, optics, physics, applied
39	42	Gyorgy	Eniko	Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei	Grown metal-oxide semiconductor nanocomposite thin films by a dual-laser, dual-target deposition system	Thin solid films 515 (2007) 8582-8585	Science and Technology of Condensed Matter Films
40	44	Ristoscu	Carmen Georgeta	Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei	Photoemission characteristics of PLD grown MG films under UV laser irradiation	Journal of physics D Applied physics 40, 5965-5970, sept 2007	Physics
41	45	Gyorgy	Eniko	Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei	Biomolecular papain thin films growth by laser technics	Journal of materials science materials in medicine (2007) 18 1643-1647	Materilas Science
42	48	Balaj	Mircea	Universitatea din Oradea	An intersection theorem with application in minimax theory and equilibrium problem	Journal of mathematical analysis and applications 336 363 371, December 2007	Mathematics
43	49	Pop	Nicolae	Universitatea de Nord din Baia Mare	Finite Element Analysis of Frictional Contact Problem During the Process of Metal Working	American Journal of Applied Sciences 5 (2) 152-157, 2008	Physics, Engineering, Mathematics and Statistics, Computer Science

44	50	Zalinescu	Constantin	Universitatea Al.I.Cuza din Iasi	Continuity properties for the subdifferential and epsilon-subdifferential of a convex function and its conjugate	Journal of Convex analysis 14(3) 479-514 august 2007	Mathematics
45	51	Turcu	Ioan	Institutul National de Cercetare Dezvoltare pentru Tehnologii Izotopice si Moleculare Cluj Napoca	RWMCS-An alternative random walk Monte Carlo code to simulate light scattering in biological suspensions	OPTIK 118 (5) 232-236 May 2007	OPTICS
46	53	Pintea	Camelia Mihaela	Universitatea Babes Bolyai din Cluj Napoca	An Ant-based heuristic for the railway traveling salesmen problem	Lecture notes in computer science 4448 702-711, Jun 2007	Computer Science
47	54	Pintea	Camelia Mihaela	Universitatea Babes Bolyai din Cluj Napoca	Stigmergic collaborative agents	Journal of universal computer science 13 (7) 922-932 July 2007	Computer Science, Theory, Methods
48	55	Pintea	Camelia Mihaela	Universitatea Babes Bolyai din Cluj Napoca	The generalized traveling salesman problem solved with ant algorithms	Journal of universal computer science 13 (7) 1065-1075 July 2007	Computer Science, Theory, Methods
49	57	Ilieșcu	Smaranda	Institutul de Chimie din Timisoara	Organic solvent-free synthesis of phosphorus-containing polymers	Pure and applied chemistry 79 (11) 1879-1884 Nov.2007	Chimie, IF 1.92(2006)
50	58	Pascariu	Aurelia Sorina	Institutul de Chimie Timisoara al Academiei Romane	New possible ionic structures in wittig reaction	International journal of Quantum Chemistry, 107 (8) 1782-1793 (200)	Chemistry Applied/Computational Chemistry and Molecular Modelling
51	59	Macarie	Lavinia	Institutul de Chimie Timisoara al Academiei Romane	Influence of pigment properties on UV-curing efficiency	Journal of applied polymer Sciences 104 (1) 247-252 April 2007	Polimer Science
52	60	Veres	Daniel	Institutul de Speologie Emil Racovita din Cluj Napoca	The lithostratigraphy of the les echets basin, France, Tentative correlation between cores	Boreas 36 326-340 aug 2007	Geosciences, multidisciplinary
53	61	Pui	Aurel	Universitatea Al.I.Cuza din Iasi	Synthesis, characterisation and catalytic activity of halo-methyl-bis(salicylaldehyde)ethylenediamine cobalt (II) complexes	Polyhedron, 26, 3143-3152, 2007	Chimie
54	62	Rusu	Gheorghe Mihail	Universitatea Al.I.Cuza din Iasi	Preparation and characterisation of ZnO thin films prepared by thermal oxidation of evaporated Zn thin films	Superlattices and microstructures, volume 42, issues 1-6, pages 116-122, july-december 2007	Physics and Astronomy
55	65	Frunza	Mihaela Cornelia	Universitatea Babes Bolyai din Cluj Napoca	Ethical aspects of spiritual medicine. The case of intercessory prayer therapy	Journal for the study of religion and ideology 17 101-115 august 2007	Humanities (Arts, Humanities citation index)
56	67	Curteanu	Silvia	Universitatea tehnica Gh. Asachi din Iasi	Machine learning methods used to predict the liquid crystalline behavior of some copolyethers	Molecular crystals and liquid crystals, vol 469, PP 1-22, 2007	Materials Science, Impact factor 0.468
57	68	Topala	Ionut	Universitatea Al.I.Cuza din Iasi	Dynamics of the wetting process on dielectric barrier discharge (DBD) - treated wood surface	Journal of Adhesion Science and Technology 21 (11) 1089-1096 Sep 2007	Engineering, Chemical, materials science, multidisciplinary, mechanics
58	69	Miu	Mihaela	IMT Bucuresti	Development of a new microfluidic analysis system based on porous silicon as sensitive element	Physica status solidi (C) 4 (6) 2093 - 2097 May 2007	Current topics in solid state physics

59	70	Sima	Marian	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	ZnO Mn Cu nanowires prepared by template method	Physica status solidi B 244 1522-1527 may 2007	Physics, Condensed Matter
60	71	Sima	Marian	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Semiconductor nanowires obtained by template method	Journal of optoelectronics and advanced materials 9 (5) 1551-1554 may, 2007	Materials Science, Multidisciplinary, Optics, Physics, Applied
61	72	Simion	Monica Liliana	IMT Bucuresti	Nanoporous silicon matrix used as biomaterial	journal of alloys and compounds 434-435 (2007) 830-832, 31 may 2007	Engineering, Material Science
62	73	Kleps	Alexandra Irina	IMT Bucuresti	Gold and Silver SI Nanocomposite layers	Materials Science and Engineering C, volume 27, Issue 5-8, September 2007	Materials Science, Physics and Astronomy, Computer science
63	74	Kleps	Alexandra Irina	IMT Bucuresti	Development of the micro and nanoelectrodes for cells investigation	microelectronic engineering, volume 84, issues 5-8, may-august 2007	Materials Science, Physics and Astronomy, Computer science
64	75	Sava	Florinel	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Nanostructural disorder in hydrogenated amorphous silicon	Journal of Optoelectronics and advanced materials 9 (9) 2963-2966, 18 Septembrie	Materials Science- Multidisciplinary
65	76	Roman	Ioan	INCDMNR-IMNR	Obtinerea unui amestec hidroxiapatita-fosfat trical destinat realizarii compozitelor metalo-ceramice pentru implantologie	Revista de chimie 58 (8) 720-724 august 2007	Chemistry, Chemical Engineering
66	77	Cerneanu	Marin	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	BA(TII-XSNX)O3 (X=0.13)DIELECTRIC CERAMICS PREPARED BY COPRECIPITATION	Journal of the american ceramic society 90 (6) 1728-1732 Jun 2007	Ceramici
67	78	Lorinczi	Adam	INCDFM	Preparation, properties and electrical switching effects in GeSb <sub>2</sub> Te <sub>4</sub> and (GeSb <sub>2</sub> Te <sub>4</sub> ) <sub>90</sub> (SnSe <sub>2</sub> ) <sub>10</sub> amorphous films	Journal of Optoelectronics and advanced materials vol.9, September 2007, 2970- 2972	Materials Science- Multidisciplinary
68	79	Haiduc	Ionel	Universitatea Babes Bolyai din Cluj Napoca	[1,4-BIS(DIPHENYLPHOSPHINO)BUTANE- K2P,P'](DITHIOCARBONATO-K2S,S')NICKEL(II)	ACTA CRYSTALLOGRAPHICA, SECTION E, STRUCTURE REPORTS ONLINE, E63, July 2007	
69	80	Ghita	Rodica	INCDFM	Properties of TiO <sub>2</sub> thin films prepared by different techniques	Journal of optoelectronics and advanced materials, vol.9, Nr.5, 1457-1461, May 2007	Materials Science- Multidisciplinary
70	81	Popescu	Mihai	INCDFM	Structure, properties and gas sensing effect of SNSe <sub>2</sub> films prepared by pulsed laser deposition method	Journal of Non-crystalline solids 353 (18- 21) 1865-1869, jun 15 2007	Materials Science, Ceramics, Materials Science, Multidisciplinary
71	82	Popescu	Mihai	INCDFM	Atomic structure of AS25Si40TE35 Glass	Journal of physics, condensed matter, 19 (2007) 335210 (9PP)	Phusics, condensed matter
72	83	Valeriu	Moldoveanu	INCDFM	Coherent and incoherent transport through T-shaped double quantum dots	Physica e accepted article, doi 10.1016/J. Physe 2007.08.012	Fizica
73	84	Popescu	Mihai	INCDFM	X-ray optics - a tool for X-ray diagnostic and therapy	Journal of Optoelectronics and advanced materials, 9 (7) 1945-1948, July 2007	Materials Science- Multidisciplinary

74	85	Curteanu	Silvia	Universitatea Thenica Gh.Asachi din Iasi	Neural networks and Genetic Algorithms used for Modeling and Optimization of the Siloxane-Siloxane Copolymers Synthesis	Journal of Macromolecular Science, Part A, Pure and Applied Chemistry 40 1-14	Inorganic Chemistry, Polymers, Plastics, 0.749
75	86	Mitrana	Victor	Universitatea din Bucuresti	On the size complexity of universal accepting hybrid networks of evolutionary processors	Mathematical structures in computer science 17, 753-771, August 2007	Informatica
76	87	Minzu	Viorel	Universitatea Dunarea de Jos din Galati	Some aspects concerning the implementation of a parallel hybrid metaheuristic	Engineering application of artificial intelligence, 20 (7), 993-999, October 2007	Engineering and Technology
77	88	Georgescu	Valeriu Paul	Universitatea Thenica Gh.Asachi din Iasi	Global dynamics of a predator-prey model with stage structure for the predator	Siam journal on applied mathematics 67 (5) 1379-1395 Jul 2007	Mathematics, Applied
78	89	Georgescu	Valeriu Paul	Universitatea Thenica Gh.Asachi din Iasi	Impulsive control strategies for pest management	Journal of biological systems 15 (2) 235-260 jun 2007	Biology, mathematical, Computational Biology
79	90	Oniciuc	Cezar	Universitatea Al.I.Cuza din Iasi	On the biharmonic indices of the Hopf map	Transactions of the American mathematical Society, 359 (11), 5239-5256 November 2007	Mathematics
80	91	Mardare	Diana	Universitatea Al.I.Cuza din Iasi	FE-DOPED TiO <sub>2</sub> THIN FILMS	Surface Science 601 (2007) 4479-4483, 15 septembrie 2007	Materiale (Materials)
81	96	Luca	Dumitru	Universitatea Al.I.Cuza din Iasi	Preparation and Characterization of Increased-Efficiency Photocatalytic TiO <sub>2</sub> -2XNX	Thin Solid Films 515 (2007) 8605-8610	Materiale(Materials)
82	100	Mardare	Diana	Universitatea Al.I.Cuza din Iasi	On the Hydrophilicity of Nitrogen-Doped TiO <sub>2</sub> Thin Films	Surface Science 601 (2007) 4515-4520, 15 septembrie 2007	Materiale (Materials)
83	104	Mihai	Bogdan Andrei	Universitatea Bucuresti	Change Detection Analysis (1986-2002) of vegetation cover in Romania, a study of alpine, subalpine and forest landscape in the iezer mountains, southern carpathians	Mountain research and development 27 (3) 250-258 august 2007	Materiale (Materials)
84	105	Silaghi Dumitrescu	Ioan	Universitatea Babes Bolyai	Density functional theory study of twelve-atom germanium clusters, conflict between the Wade-Mingos rules and optimum vertex degrees	Dalton Trans, 364-372, 2007	Chimie
85	106	Mitoseriu	Liliana	Universitatea Al.I.Cuza din Iasi	BATIO-(Ni0.5)Fe2O4 CERAMIC COMPOSITES WITH FERROELECTRIC AND MAGNETIC PROPERTIES	Journal of the European Ceramic Society 27, 4379-4382 (2007)	Materials Science, Ceramics
86	107	Putz	Mihai Viorel	Universitatea de Vest din Timisoara	Introducing logistic enzyme kinetics	Journal of Optoelectronics and Advanced Materials 9(9) 2910-2916 Sept 2007	Materials Physics, Optoelectronics, Biomaterials
87	108	Putz	Mihai Viorel	Universitatea de Vest din Timisoara	A Spectral-Sar model for the Anionic-Cationic Interaction Ionic Liquid Application to Vibrio Fischeri Ecotoxicity	International Journal of Molecular Sciences 8 (8) 842-863 August 2007	Physical Chemistry, Green Chemistry, Biochemistry, Medicinal Chemistry
88	109	Putz	Mihai Viorel	Universitatea de Vest din Timisoara	Enzymatic control of the Bio-Inspired Nanomaterials at the Spectroscopic Level	Journal of Optoelectronics and Advanced Materials 9 (8) 2529-2534 August 2007	Materials Physics, Optoelectronics, Biomaterials

89	110	Anghel	Sorin Dan	Universitatea Babes Bolyai din Cluj Napoca	Measurement of Electrical Characteristics of Atmospheric Pressure Non-Thermal He Plasma	Measurement Science and Technology 18, 2642-2648, 11 July 2007	Applied physics, 2006 IMPACT Factor 1.228
90	111	Anghel	Sorin Dan	Universitatea Babes Bolyai din Cluj Napoca	An alternative source for generation atmospheric pressure non-thermal plasmas	Plasma sources science and technology 16, B1-B4, 3 August 2007	Applied physics, 2006 IMPACT Factor 2.346
91	112	Breaz	Simion Sorin	Universitatea Babes Bolyai din Cluj Napoca	Cancellation Properties for Quotient Divisible Groups	Journal of Algebra, 317 NO.1, 424-434, 1 November 2007	Scinece Citation Index, Mathematics
92	113	Cozar	Onuc	Universitatea Babes Bolyai din Cluj Napoca	Raman and Surface-Enhaced Raman Studies of the Food Additive Sodium Benzoate	Journal of Optoelectronics and Advanced Materials 9 (9) 2943-2949, Septembrie	Materials Science, Multidisciplinary, Impact Factor 1.106
93	114	Cozar	Onuc	Universitatea Babes Bolyai din Cluj Napoca	Spectroscopic Investigation of some lead-phosphate glasses with tungsten and molybdenum ions.	Journal of Optoelectronic and Advanced Materials 9 (6), 1730-1735, Iunie 2007	Materials Science, Multidisciplinary, Impact Factor 1.106
94	115	Buica	Florina Adriana	Universitatea Babes Bolyai din Cluj Napoca	Periodic solutions for functional differential equations of mixed type	Journal of Mathematical Analysis and Application 330 (1) 576-583 June 2007	Matematica
95	116	Buica	Florina Adriana	Universitatea Babes Bolyai din Cluj Napoca	The third order Melnikov function of a Qyadratic Center under Quadratic	Journal of Mathematical Analysis and Application 331 (1)443-454 June 2007	Matematica
96	117	Buica	Florina Adriana	Universitatea Babes Bolyai din Cluj Napoca	Stability of Periodic solutions for Lipschitz System Obtained via the Averaging	Proceeding of the American Mathematical Society, 135 (10), 3317-3327, 2007	Matematica
97	118	Buica	Florina Adriana	Universitatea Babes Bolyai din Cluj Napoca	Limit Cycles of a Perturbed Cubic Polynomial Differential Center	Chaos, Solitons and Fractals 32 (3) 1059-1069m May 2007	Interdiscipliar
98	119	Ardelean	Ioan	Universitatea Babes Bolyai din Cluj Napoca	FT-IR and Raman Spectroscopic Studies on B2O3-PBO-AG2O Glasses Dopped with Manganese Ions	Solid State Sciences 9 (9), 850-854 July 2007	Physics, Condensed Matter, Factor Impact 1.752 (2006)
99	120	Ardelean	Ioan	Universitatea Babes Bolyai din Cluj Napoca	FT-IR and Raman Study of Silver Lead Borate-Based Glasses	Journal of Non-Crystalline Solids 353 (18), 2020-2024 Jun 2007	Material Science, Multidisciplinary, Factor Impact 1.362 (2006)
100	121	Ardelean	Ioan	Universitatea Babes Bolyai din Cluj Napoca	EPR Study of V2O5-P2O5-Li2O Glass System	Journal of Materials Science, Materials in Electronics 18(9) 963-966 September (2007)	Optical, Electronic Materials, Impact Factor 1.029
101	122	Ardelean	Ioan	Universitatea Babes Bolyai din Cluj Napoca	Raman Study of XMO(100-X)[P2O5 Li2O] (MEO FE203 OR v205) Glass Systems	Materials Letters 61 (14-15) 3301-3304, June 2007	Materials Science, Impact Factor 1.353
102	123	Ardelean	Ioan	Universitatea Babes Bolyai din Cluj Napoca	EPR and magnetic susceptibility studies of B2O3-Bi2O3-GD2O3 GLASSES	Journal of Non-crystalline solids 353 (24-25) 2363-2366 July 2007	Science Citation Index (Materials Science, multidisciplinary) Impact factor 1.362 (2006)
103	124	Ardelean	Ioan	Universitatea Babes Bolyai din Cluj Napoca	FT-IR and EPR Spectroscopic Studies of B2O3-Bi2O3-GD2O3 Glasses	Journal of Non-crystalline solids 9 (7) 2068-2070 July 2007	Science Citation Index expanded (Ohysics Applied) Factor Impact 1.106 (2006)

104	125	Ardelean	Ioan	Universitatea Babes Bolyai din Cluj Napoca	Structural changes induced by FE203 addition in strontium-borate glass matrix	Journal of Materials Science, Materials in Electronics 18(8) 837-841 August 2007	Optical, Electronic Materials, Impact Factor 1.029
105	126	Ardelean	Ioan	Universitatea Babes Bolyai din Cluj Napoca	Structural and magnetic properties of strontium-borate glasses containing iron ions	Journal of Materials Science, 42(14), 5465-5469 July 2007	Optical, Electronic Materials, Impact Factor 0.999
106	127	Mitoseriu	Liliana	Universitatea Al.I.Cuza din Iasi	Hysteresis and tunability characteristics of Ba(Zr, Ti)O <sub>3</sub> ceramics described by First Order Reversal Curves diagrams	Journal of the European Ceramic Society, 27, 3723-3726 (2007)	Materials Science, Ceramics
107	131	Ciomaga	Cristina Elena	Universitatea Al.I.Cuza din Iasi	Preparation and Characterisation of the Ba(Zr, Ti)O <sub>3</sub> Ceramics with Relaxor Properties	Journal of the European Ceramic Society, 27, 4061-4064 (2007)	Materials Science, Ceramics
108	134	Mitoseriu	Liliana	Universitatea Al.I.Cuza din Iasi	Magnetic and Ferroelectric Domain Structures in BaTiO <sub>3</sub> - (Ni0.5Zn0.5)Fe <sub>2</sub> O <sub>4</sub> Multiferroic Ceramics	Journal of the European Ceramic Society, 27, 3947-3950 (2007)	Materials Science, Ceramics
109	135	Ivanov	Daniela	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Thermal degradation of some polymaleamides	Journal of Otoelectronics and Advanced Materials 9(7) 2145-7 July 2007	Stiinta Materialelor
110	136	Grosu Tudor	Silvia Simona	Institutul de Biologie, Bucuresti	Screening of lactic acid bacteria isolated from dairy and cereal products for exopolysaccharides production and genes involved	International Journal of Food Microbiology 118 250-258 July, 2007	Microbiologie alimentara
111	139	Popa	Karin	Universitatea Al.I.Cuza din Iasi	The Low-Temperature heat capacity of PuO. 1La0. 9P04	J. Sol. State Chemistry 180 (8) (2007), 2346-2355	Solid State Chemistry, Ceramics and Amorphous Materials
112	138	Popa	Karin	Universitatea Al.I.Cuza din Iasi	The chemistry of phosphates of barium and tetravalent elements	J. Sol. State Chemistry 180 (8) (2007), 2346-2355	Material Science, Solid State Chemistry
113	140	Pop	Ioan	University of Cluj Napoca	Dual Solutions in Magnetohydrodynamic mixed convection Flow Near a Stagnation-Point on a Vertical Surface	Trans of the ASME, Journal of Heat Transfer, vol.129, Septembrie	ISI-Thomson Scientific, Impact Factor (2006) 0.886
114	141	Benea	Lidia	Universitatea Dunarea de Jos din Galati	Tribocorrosion behaviour of Ni-SiC composite coating under lubricated conditions	Surface and Coatings Technology, Volume 201, Issue 16-17, 21 May 2007	Material Science
115	142	Lefter	Adriana Ioana	Universitatea Al.I.Cuza din Iasi	Navier-Stokes Equations with Potentials	Abstract and Applied Analysis, 2007, Article ID 79406 DOI10.1155/2007/79406	Mathematics, Applied
116	143	Pasca	Daniel	Universitatea din Oradea	Periodic Orbits near Heteroclinic Loop Formed by One-Dimensional Orbit and a Two-Dimensional Manifold_Application to the Charged collinear Three-body Problem	International Journal of Bifurcations and Chaos vol.17, No6 (2007) 2175-2183	Mathematics, Interdisciplinary Applications
117	144	Danciu	Daniela	Universitatea din Craiova	Dynamics of Neural Networks - Some Qualitative Properties	Computational and Ambient	ISI Proceedings - Computer Science
118	145	Cotaescu	Ion	Universitatea de Vest din Timisoara	Applying the Dirac Equation to Derive the Transfer Matrix for Piecewise Constant	Physics Letters A 366(4-5) 363-366 July 2007	Condensed Matter Physics, Nanoscience, Computational Physics

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120	147	Mitoseriu	Liliana	Universitatea Al.I.Cuza din Iasi	Magnetic Properties of the BaTiO <sub>3</sub> -(Ni, Zn)Fe <sub>2</sub> O <sub>4</sub> Multiferroic Composites	J. Magnetism and Magnetic Materials 31, Volume 316, Issue 2, September 2007	Materials Science, Multidisciplinary, Physics, Condensed Matter
121	150	Ignat	Ioan Liviu	Institutul de Matematica Simion Stoilov din Bucuresti al Academiei Romane	A nonlocal convection-diffusion equation	Journal of Functional Analysis, Volume 251, Issue 2, 399-437, 15 October 2007	Mathematics
122	151	Lazanu	Sorina	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor INCDFM	Correlation Between Radiation Processes in Silicon and Long-Time Degradation of Detectors for High-Energy physics Experiments	Nuclear Instruments and Methods in Physics Research A, Vol 572 (2007) 297-299	Fizica
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124	153	Lazanu	Sorina	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor INCDFM	Silicon Detectors_Damage, Moddeling and Expected Long-Time Behaviour in Psysics experiments at Ultra High Energy	Nuclear Instruments and Methods in Physics Research A, Vol 572 (2007) 297-299	Fizica
125	154	Rusu	Elena	Institutul de Chimie Macromoleculara Pentru Poni din Iasi	Some Characteristics of Poly(vinyl Alcohol), with Azidoaromatic Groups	Journal of Optoelectronics and Advanced Materials vol9, No.4, 2007, P 1044-1047	Materials
126	155	Airinei	Anton	Institutul de Chimie Macromoleculara Pentru Poni din Iasi	Spectroscopic Investigation of Some Aromatic Azides	Journal of Optoelectronics and Advanced Materials vol9, No.4, 2007, P 1029-1032	Materials
127	159	Macovei	Dan	Universitatea Al.I.Cuza din Iasi	The Influence of Substrate Nature on the Iron Repetition in the Titania Matrix	Surface Science, 601 (13) 2692-2695, July 2007	Materials
128	161	Moroianu	Sergiu	Institutul de Matematica al Academiei Romane	Fibered cusp versus d-Index theory	Rendiconti Seminario Matematico della Universita di Padova, vol 117, 193-203 Junie 2007	Mathematics
129	162	Sarbu	Costel	Universitatea Babes Bolyai din Cluj Napoca	Partial Least-Squares Study of the Effects of Organic Modifier and Physicochemical Propersties on the Retention of some Thiazoles	JPC-Journal of Planar Chromatography - Modern TLC 20 (4) 251-257 September 2007	Chimie, Impact Factor of this Journal 2006, 0.879
130	163	Sarbu	Costel	Universitatea Babes Bolyai din Cluj Napoca	Determination of Critical Micellar Concentrations of Cholic and Acid its Keto	Colloids and Surfaces B Bionterfaces, 59 (2) 179-183 Oct 2007	Chimie, Impact Factor of this Journal 2006 1.789
131	165	Florian	Maria Carmen	Universitatea Babes Bolyai din Cluj Napoca	Design, Synthesis and Structural Analysis of New Macrocycles Containing Dispiro-1, 3-Dioxane Units	Supramolecular Chemistry, 19 (6), 383-392, 2007	Chimie
132	167	Bogdan	Niculina	Universitatea Babes Bolyai din Cluj Napoca	New [4.4] Cyclophane Deketals, Monoketones and Diketones, design, synthesis and Structural Abalysis	European Journal of Organic Chemistry (28) 4674-4687, 2007	Chimie
133	171	Valeriu	Moldoveanu	INCDFM	Nonadiabatic Transport in a Quantum Dot Turnstile	Physical Review B 76, 165308 (2007)	Fizica

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135	173	Fundueanu Constantin	Gheorghe	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Poly[(N-isopropylacrylamide-co-acrylamide-co-(hydroxyethylmethacrylate)] thermoresponsive microsphere An accurate method based on solute exclusion technique to determine	European Polymer Journal 43 3500-3509, June 2007	Polymer Science
136	174	Lisa	Gabriela	Universitatea Tehnica din Iasi	Thermal Stability of some ferrocene containing schiff base	Journal of Thermal Analysis and Calorimetry 10.1007/S10973-007-8450-8, 11 July	Chemistry and materials Science, Impact Factor 1.438
137	179	Apreutesei	Daniela	Universitatea Tehnica din Iasi	The liquid crystalline behavior of ferrocene derivates containing azo and imine linking groups	Liquid Crystals 34 (7) 775-785 July 2007	Professor Corrie T.Imrie Department of Chemistry University of Aberdeen Meston
138	182	Scutaru	Dan	Universitatea Tehnica din Iasi	The liquid crystalline properties of some ferrocene-containing Schiff bases	Applied Organometallic Chemistry 21 (8) 661-669, August 2007	Peter J.Craig, Faculty of Health and Life Sciences, De Montfort University, Leicester LE1 9BH,
139	183	Stanculescu	Anca	Institutul National de Cercetare dezvoltare pentru Fizica Materialelor INCDFM	Investigation of the Properties of Indium TIN Oxide-organic contact for Optoelectronic Applications	Thin Solid Films, volume 515 (24), pages 8733-8737, 15 Octombrie 2007	Materials Science
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141	185	Stefanescu	Doru	Universitatea din Bucuresti	Bounds for real roots and applications to orthogonal polynomials	Lecture notes in computer science, vol 4770, 377-391, Sept 2007	Computer Science
142	187	Dumitru	Aurelia Anca	Universitatea din Bucuresti	Si-C-N-Fe Nanostructured Ceramics from Inorganic Polymer Precursors obtained by Plasma Polymerization	Materials Science and Engineering C 27 (5-8) 1331-1337 September 2007	Materials Science
143	188	Morozan	Adina Mihaela	Universitatea din Bucuresti, Centrul de Cercetare 3Nano-SAE	Structure and Magnetic properties of Nanoparticles trapped in a Carbon Matrix along with the Catalytic of Carbon Nanotubes	Materials Science and Engineering C 27 (5-8) 1167-1170 September 2007	Materials Science
144	189	Baricz	Arpad	Facultatea de Stiinte Economice, Gestiunea Afacerilor, Extensia Sfantu Gheorghe, Catedra de	Functional Inequalities Involving Special Functions II	Journal of Mathematical Analysis and Applications 327 (2) 1202-1213 martie 2007	Matematica si Statistica
145	190	Baricz	Arpad	Facultatea de Stiinte Economice, Gestiunea Afacerilor, Extensia Sfantu Gheorghe, Catedra de	Inequalities Involving Modified Bessel Functions of the First Kind II	Journal of Mathematical Analysis and Applications 332 (1) 265-271 august 2007	Matematica si Statistica
146	191	Teodorescu	Cristian Mircea	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Low Temperature Two-Dimensional Behaviour of Spin and Orbital Moments in NI Monolayers Grown on CU (001)	Surface Science 601 (18) 4292-4296, 15 Septembrie 2007	Chemistry, Physical, Physics, Condensed Matter
147	192	Covei	Dragos Patru	Universitatea Constantin Brancusi din Targu Jiu	Existence and asymptotic behavior of positive solution to a quasilinear elliptic problem in RN	Nonlinear analysis, Theory, Methods and Applications	Mathematics, Applied Mathematics
148	193	Rusu	Gheorghe	Institutul de Chimie Macromoleculara Pentru Poni din Iasi	In SITU Nylon 6/Graphite Composites. Physico-mechanical Properties	Journal of Optoelectronics and Advanced Materials vol. 9, Nr. 7, 2007	Materials

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150	195	Rusu	Gheorghe	Institutul de Chimie Macromoleculara Pentru Poni din Iasi	Electrical DC Conduction Mechanism in Some Newly Sybthesized Nylon 6/12 Copolymers	Journal of Polymer Science Part B Polymer Physics Vol. 45, 794-799 (2007)	Polymer Physics
151	196	Ornea	Liviu	Universitatea din Bucuresti	Constructions in Sasakian geometry	Mathematische Zeitschrift 257 907-924, Decembrie 2007	Mathematics
152	197	Ciuparu	Dragos	Universitatea Petrol si Gaze din Ploiesti	PD Catalysts Supported in MGO, ZRO2 or MGO-ZRO2 Preparation, Characterization and Study in Hexane Conversion	Applied Catalysis A General Volume 326, Issue 2, 15July 2007	Chemistry, Physical
153	199	Chiriac	Aurica	Institutul de Chimie Macromoleculara Petru Poni din Iasi	In SITU Monitoring the SOL-GEL Transation for Polyacrylamide Gel	Rheologica Acta, Volume 46, Number 5, 595-600, 2007 impact factor 1.432 in 2005	Chemistry and Materials Science
154	202	Hurduc	Nicolae	Universitatea Tehnica Gh.Asachi Iasi	Nucleobases modified azo-polysiloxanes, materials with potential application in biomolecules nanomanipulation	Journal of Polymer Science Part A, Polymer Chemistry 45 477-196	Chimie-Impact Factor 3.402
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156	204	Ionita	Elena Gabriela	Institutul de Chimie Fizica Ilie Murgulescu	Bis Spin-Labelled Cyclodextrins	New Journal of Chemistry 31 1726-1729 September 2007	Chimie
157	205	Mitu	Maria	Institutul de Chimie Fizica Ilie Murgulescu	The Lower Explosion Point - A Good measure for Explosion Prevention - Experiment and Calculation for Pure Compounds and some Mixtures	Journal of Loss prevention in the Process Industries, 20 (4-6) 536-540 July-Nov 2007	Physical, Chemical and Earth Sciences, Engineering, Computing and Technology
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159	207	Bulgariu	Laura	Universitatea Tehnica Gh.Asachi din Iasi	The Extraction of ZN(II) in Aqueous PEG(1550)-(NH4)2SO4 Two-PhaseSystem Using Cl-IONS as Extracting Agents	Journal of the Serbian Chemical Society 72 (3) 275-287 2007	Chimie
160	208	Gheorghies	Constantin	Universitatea Dunarea de Jos din Galati	XRD investigation of impact pattern on ball bearing steel samples	Advanced Materials and Research vol 23, 253-256, 2007	Materials
161	209	Matei	Cristian	Universitatea Politehnica din Bucuresti	Synthesis of Lanthanum Ferrite Nanopowder by Combustion Method	Journal of optoelectronics and Advanced Materilas 9 (6) 1793-1796 jun 2007	Materials Science
162	210	Matei	Cristian	Universitatea Politehnica din Bucuresti	Synthesis of Lanthanum Manganites by Combustion Method from Starch-Based Precursors	Journal of optoelectronics and Advanced Materilas 9 (6) 1793-1796 jun 2007	Materials Science
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167	215	Matei	Cristian	Universitatea Politehnica din Bucuresti	Lanthanu, Based Perovskites Obtained in Molten Nitrates or Nitries	Progress in Solid State Chemistry 35 (2-4) 203-209 June 2007	Materials Science
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173	228	Dumitru	Dan Gheorghe	Universitatea A.I.Cuza	Complex Space Charge Structures in Laboratory and Natural Palsmas	Journal of Optoelectronics and Advanced Materials 9 (9) 2954-2959 sept 2007	Physics, Materila Science
174	229	Mercioniu	Ionel	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Thickness Dependence of Crystallization Process for Hydroxyapatite thin Films	Journal of Optoelectronics and Advanced Materials vol.9 nr.8, August 2007	Materials, Optics, Applied Physics, Multidisciplinary
175	230	Gheorghies	Constantin	Universitatea Dunarea de Jos din Galati	Electrodeposition of Gaas thin Films From Alkaline Aqueous Solution	Journal of Optoelectronics and Advanced Materials, Vol 9, No.9, 2795-2798, September 2007	Materials
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185	250	Lazar	Iuliana	Universitatea Bucuresti, Facultatea de Biologie si Biofizica	Oxfordian and Callovian Radiolarians from the Bucegi Massif and Piatra Craiului Mountains (Southern Carpathians, Romania)	Geologica Carpathica 58 (4) 305-320 August 2007	Earth Science
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188	253	Chirita	Paul	Universitatea din Craiova	A Kinetic Study of Hydrogen Peroxide Decomposition in Presence of Pyrite	Chemical and Biochemical Engineering Quarterly 21(3) 257-264 sep 2007	Inginerie Chimica
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193	258	Nemes	Gabriela Nicoleta	Universitatea Babes Bolyai din Cluj Napoca	New Digermylalkenes and Digermylalkynes [1,3]-Chlorine Shifts in Organogermanium Chemistry	Organometallics 2207, 26, 5136-5139	Chemistry

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195	262	Curteanu	Silvia	Universitatea Tehnica Gh.Asachi din Iasi	Multiobjective Optimization of a Free Radical Polymerization. Genetic Algorithms	Materiale Plastice, vol44, nr.2, 2007	Materiale plastice, elastomeri, fibre sintetice, Impact Factor 0,412
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204	272	Vlad	Adriana	Universitatea Politehnica din Bucuresti	Printed Romanian Modelling, A corpus linguistics based Study with Orthography and Punctuation Marks Included	Lecture Notes in Computer Science, 4705, Part I, 409-423, 2007	Computer Science, Theory and Methods
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220	288	Sima	Cornelia	Institutul National de Cercetare dezvoltare pentru Fizica Laserilor , Plasmei si Radiatiei	Properties of TiO <sub>2</sub> thin Films Deposited bu RF Magnetron Sputtering	Journal of Optoelectronic and Advanced Materials 9(5) 1446-1449 May 2007	Materials Science Multidisciplinary
221	289	Manea	Florin	Universitatea din Bucuresti	Accepting Splicing Networks with Filtered Connections	LectureNotes in Computer Science 4664 218-229, September 2007	Informatica
222	291	Mitrana	Victor	Universitatea din Bucuresti	A Possible Connection Between Two theories, Grammar Systems and Concurrent	Fundamental Informatocae 76 (3), 325-336, 2007	Informatica
223	292	Szabo	Maria Raluca	Universitatea Aurel Vlaicu, Facultatea de Inginerie	Improved DPPH Determination for Antioxidant Activity Spectrophotometric Assay (short communication)	Chemical papers 61(3) 214-216 Jun 2007	Chimia si Stiinta Materialelor

224	293	Petreus	Oana	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Proprietatile mecanice ale unor rasini polimerice folosite in compounduri cu insecticide	revista de materiale plastice 44(2) 108-111 junie 2007	Science, Multidisciplinary, Impact Factor 0.412
225	294	Fleancu	Monica	Universitatea din Pitesti	Correlations among some Physiological Processes in Apple fruit During Growing and Maturation Processes	International Journal of Agriculture and Biology	Biology, Agriculture
226	295	Ceanga	Emil	Universitatea Dunarea de Jos din Galati	Real-Time Three-Dimensional Wind Simulation for Windmill Rig Tests	Renewable Energy Volume 32, Issue 13 October 2007	Engineering, Computing and Technology
227	296	Enache	Madalin Iancu	Institutul de Biologie Bucuresti Al Academiei Romane	Phylogenetic Relationships within the Family Halobacteriaceae Inferred from RPOB Gene and Protein Sequences	International Journal of Systematic and Evolutionary Microbiology, 57(10) 2289-2295	Microbiologie-Biologie
228	297	Enache	Madalin Iancu	Universitatea din Bucuresti, Facultatea de Chimie	Halophilic Bacteria are Able to Decontaminate Dichlorvos, a Pesticide, from Saline Environments	Central European Journal of Biology 2(4) 563-573, December 2007	Biologie
229	298	Zecheru	Teodora	Universitatea Politehnica din Bucuresti	Synthesis and Optical Properties Analysis of a New Polymeric Optical Fiber for Side Lighting	Revue Roumanie de chimie 52 (5), 473-482, 2007	Chimie
230	299	Zecheru	Teodora	Universitatea Politehnica din Bucuresti	Polymeric Biocompatible Structures for Controlled Drug Release	Journal of Optoelectronics and Advanced Materials vol9(9), september 2007	Optoelectronics and New Advanced Materials
231	300	Zaharia	Catalin	Universitatea Politehnica din Bucuresti	New Acrylic Radio-Opaque Cement	Journal of Optoelectronics and Advanced Materials 9(8) 2543-2546 August 2007	Materials Science
232	301	Rusen	Edina	Universitatea Politehnica din Bucuresti	Synthesis and Characterization of core-shell structures for orthopaedic surgery	Journal of Biomechanics (2007), 2	Chimie Macromoleculara
233	306	Iditoiu	Cornelia	Universitatea Aurel Vlaicu, Facultatea de Inginerie	The Reaction Condition Influenceon Sucrose Acid hydrolysis Studied by Means of DSC Method	Journal of Thermal Analysis and Calorimetry 88(3) 681-686 June 2007	Chimie si Stiinta Materialelor
234	307	Birzu	Adrian	Universitatea A.I.I.Cuza din Iasi	Confined Spatio-Temporal Chaos During Metal Electrodissolution Simulations	Zeitschrift Fur Physikalische Chemie 221 (9-10) 1245-1254 Septembrie 2007	Physical Chemistry
235	308	Vlad Bubulac	Tachita	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Mesophase Morphologies of Hydrogen-Bonded Complexes of Biphenyl-Substituted Diamino-1,3,5-Triazines with Semiperfluorinated Benzoic acids	Chemistry of Materials 19(18) 4460-4466 Septembrie 2007	Materials Science, Interdisciplinary, Impact Factor 5,104
236	309	Morariu	Vasile	Institutul National de Cercetare Dezvoltare pentru Tehnologii Izotopice si Moleculare	Detrended Fluctuation Analysis of Autoregressive Processes	Fluctuation And Noise Letters, vol 7(No3), L249-L255, Septembrie 2007	Physical, Chemical and Earth Sciences journal List
237	310	Chambre	Dorina	Universitatea Aurel Vlaicu, Facultatea de Inginerie	Non Isothermal Dehydration Kinetics of Acrylic Ion-Exchange Resisns	Journal of Thermal Analysis and calorimetry 88(3) 673-679 June 2007	Chimie si Stiinta Materialelor
238	312	Rusu	George Mihail	Universitatea A.I.I.Cuza din Iasi	On the Structural Changes During Thermal Oxidation of Evaporated Zn Thin Films	Thin Solid Films, volume 515, Issue 24, 15 Octombrie 2007	Physics and Astronomy

239	315	Prisacariu	Cristina	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Crystallization and Properties of Polyurethanes based on the Cain Extender Ethylene Glycol and Aromatic Diisocyanates of Variable Flexibility	Macromolecular Symposia, volum 254, 153-159, 2007	Chimie
240	316	Chicea	Dan	Universitatea Lucian Blaga din Sibiu	On Magnetic Fluid Synthesis and Light Scattering Anisotropy Parameter	Journal of Optoelectronic and Advanced Materials vol.9, Septembrie 2007	Physics
241	317	Iesan	Dorin	Universitatea Al.I.Cuza din Iasi	On the Deformation of Inhomogeneous Orthotropic Elastic	European Journal of Mechanics A/Solids, Vol 26, Issue 6, November-December 2007	Mechanics
242	318	Stefanescu	Mirela	Universitatea Al.I.Cuza din Iasi	Binary Relations and Reduced Hypergroups	Discrete Mathematics (2007)	Matematica
243	320	Sacarescu	Gabriela	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Synthesis and Characterization of polysilane-Organometallic Complexes	High Performance Polymers 19(5) 510-519 Oct 2007	Chimie
244	327	Sacarescu	Liviu	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Polysilane-Metal complexes for Organic Semiconductors	High Performance Polymers 19(5) 501-509, Octombrie 2007	Chimie
245	328	Coseri	Sergiu	Institutul de Chimie Macromoleculara Petru Poni din Iasi	The Effect of Various Additives on the Kinetic and Reaction Mechanism between Ethanol and Phenylisocyanate	High Performace Polymers 19(5) 520-530 Octombrie 2007	Chimie
246	329	Racles	Carmen	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Influence of Chemical Structure on Processing and Thermotropic properties of Poly(Siloxane-Azomethines)S	High Performances 19(5) 541-522 Oct 2007	Chimie
247	330	Racles	Carmen	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Siloxane-Azoaromatic Polyesters as Potential Complex Dye Systems	Revue Roumanie de Chimie 52(1-2) 117-125, 2007	Chimie
248	331	Surdu Bob	Carmen Cristina	Institutul National de Fizica Laserilor, Plasmei si Radiatiei	Mass Spectrometry and Ion Energy analysis of the Carbon TVA Plasma for the Synthesis of DLC Films	Journal pf Optoelectronics and Advanced Materials 9(8), 2657-2659, August 2007	Fizica Aplicata
249	332	Surdu Bob	Carmen Cristina	INFLPR	The Synthesis of DLC Using a Novel Cathodic ARC Technique GAS-TVA	Journal of Optoelectronics and Advanced Materials 9(8), 2660-2662 August 2007	Fizica Aplicata
250	333	Surdu Bob	Carmen Cristina	INFLPR	General Characteristic of the Thermoionic Vacuum ARC Plasma	Journal of Optoelectronics and Advanced Materials 9(9), 2932-2934, Septembrie 2007	Fizica Aplicata
251	334	Surdu Bob	Carmen Cristina2	INFLPR	A double Monochromatization effect in Low Temperature Plasmas	Journal of Optoelectronics and Advanced Materials 9(8), 2653-2656, August 2007	Fizica Aplicata
252	335	Pop	Ioan	Universitatea Babes Bolyai din Cluj Napoca	Effect of the Source Term on Steady Free Convection Boundary Layer Flows over an Vertical Plate in a Porous medium, Part I	Transport in Porous Media, vol 67, pp 49-67, 2007	ISI-Thomson Scientific (2005) Impact Factor 0,742
						Transport in Porous Media, vol 67, pp 189-	

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255	338	Pop	loan	Universitatea Babes Bolyai din Cluj Napoca	Series Solutions of unsteady Three-Dimensional MHD Flow and Heat Tranfer in the Boundary Layer over an Impulsively Streching Plate	European Journal Of Mechanics B/Fluids, vol.26, PP 15-27, 2007	ISI-Thomson Scientific (2006) Impact Factor 0,774
256	339	Pop	loan	Universitatea Babes Bolyai din Cluj Napoca	G-Jitter Free Convection Flow in the Stagnation-Point Region of a Three-Dimensional Body	Mechanics Research Communications vol 34, pp 115-122, 2007	ISI-Thomson Scientific (2006) Impact Factor 0,788
257	340	Pop	loan	Universitatea Babes Bolyai din Cluj Napoca	Effects of Variable Viscosity on Mixed convection Boundary Layer Flow over a Vertical Surface Embedded in a Porous Medium	International Communications in Heat and Mass Transfer, vol 34, pp 464-473, 2007	ISI-Thomson Scientific (2006) Impact Factor 0,708
258	341	Pop	loan	Universitatea Babes Bolyai din Cluj Napoca	Non-Orthogonal Stragnation-Point Flow of a Micropolar Fluids	International Journal of Engineering Science, vol45, pp 173-184, 2007	ISI-Thomson Scientific (2006) Impact Factor 1060
259	342	Pop	loan	Universitatea Babes Bolyai din Cluj Napoca	Steady Natural Convection Flows in a Square Cavity eith Linearly Heated Side Wall (S)	International Journal of Heat and Mass Transfer, vol 50, pag 766-775, 2007	ISI-Thomson Scientific (2006) Impact Factor 1.482
260	343	Pop	loan	Universitatea Babes Bolyai din Cluj Napoca	Effect of Sinusoidal Wavy Bottom Surface on Mixed Convection Heat Transfer in a Lid-Driven Cavity	International Journal of Heat and Mass Transfer, vol 50, pag 1771-1780, 2007	ISI-Thomson Scientific (2006) Impact Factor 1.482
261	344	Pop	loan	Universitatea Babes Bolyai din Cluj Napoca	Boundary-Layer Flow of a Micropolar Fluid on a Continuously Moving or Fixed Permeable Surface	International Journal of Heat and Mass Transfer, vol 50, pag 4743-4748, 2007	ISI-Thomson Scientific (2006) Impact Factor 1.482
262	345	Pop	loan	Universitatea Babes Bolyai din Cluj Napoca	Mixed Convencion Flow Near a Non-Orthogonal Stagnation Point Towards a Stretching Vertical Plate	International Journal of Heat and Mass Transfer, vol 50, pag 4743-4748, 2007	ISI-Thomson Scientific (2006) Impact Factor 1.482
263	346	Pop	loan	Universitatea Babes Bolyai din Cluj Napoca	Influence of Pulsatile Blood Flow and heating Scheme on the Temperature Distribution during Hyperthermia Treatment	International Journal of Heat and Mass Transfer, vol 50, pag 4883-4890, 2007	ISI-Thomson Scientific (2006) Impact Factor 1.482
264	347	Pop	loan	Universitatea Babes Bolyai din Cluj Napoca	The Effects of Transpiration on the Boundary Layer Flow and Heat Transfer over a Vertical Slender Cylinder	International journal of Non-linear Mechanics, vol 42, pp 1010-1017, 2007	ISI-Thomson Scientific (2006) Impact Factor 1.205
265	348	Braic	Mariana	INOE 2000	Preparation and Characterization of Titanium Oxynitride thin Films	Apiled Surface Science 253 (19) 8210-8214, July 2007	Applied Physics and Chemistry of Surfaces and Interfaces
266	349	Diudea	Mircea	Universitatea Babes Bolyai din Cluj Napoca	CI Index in Tubular Nanostructures	Match Commun Math Comput Chem 57(2) 479-484 2007	Chemistry
267	350	Diudea	Mircea	Universitatea Babes Bolyai din Cluj Napoca	Patterns of Counter-Rotating Ring Currents in Two Valence Isomers of Corazulene	Polish Journal of Chemistry, 81 (5-6) 653-662, 2007	Chemistry
268	351	Diudea	Mircea	Universitatea Babes Bolyai din Cluj Napoca	Cluj and related Polynomials Applied in Correlating Studies	J.Chem. Inf. Model 47, 864-874, 2007	Chemistry

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270	353	Diudea	Mircea	Universitatea Babes Bolyai din Cluj Napoca	Hosoya Polynomials of Zig-Zag Open-Ended nanotubes	Math Commun Math Comput Chem 57(2) 443-456 2007	Chemistry
271	356	Diudea	Mircea	Universitatea Babes Bolyai din Cluj Napoca	Omega Polynominal IN(4,8) Tubular Nanostructures	Math Commun Math Comput Chem 57(2) 443-456 2007	Chemistry
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273	358	Nicola	Aurelian	Universitatea Ovidius din Constanta	A discontinuous galerkin moving mesh method for hamilton-jacobi equations	Siam journal of Scientific computing 29(6) 2258-2282 Octobre 2007	Mathematics
274	359	Blada	Ioan	Institutul de Cercetari si Amenajari Silvice	Swiss stone pine provenance experiment II Variation in growth and branching traits at age 14	Silvae Genetica 56, 3-4 July 2007	Forestry
275	360	Precup	Radu	Universitatea Babes Bolyai din Cluj Napoca	Positive Solutions of nonlinear system with p-Laplacian on finite and semi-infinite intervals	Positivity 11(2007), 537-548	Science Citation Expeded
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280	366	Patrut	Adrian	Universitatea Babes Bolyai din Cluj Napoca	Radiocarbon Dating of a Very Large African Baobab	Tree Physiology 27 1569-1574, 2007	Forestry (biological Sciences- Forestry Science)
281	367	Rusu	George Miahil	Universitatea Al.I.Cuza din Iasi	Effect of Zn Se Ratio and of the Heat-Treatment on the Optical Properties of Multistacked Zn/SE Nanolayered Thin Films	Journal of Optoelectronics and Advanced Materials, vol 9, nr.10, pp 3215-3218	Physics and Astronomy
282	368	Soficaru	Andrei Dorian	Institutul de Antropologie Fr.J.Rainer	The human Cranium from the Pestera Cioclovina Uscata, Romania	Current Anthropology, 48 (4) 611-619, August 2007	Anthropology
283	369	Soficaru	Andrei Dorian	Institutul de Antropologie Fr.J.Rainer	Early Modern Humans from the Pestera Muierii, Baia de Fier, Romania	Proceeding of the National Academy of Science of the United States of America, 103 (46) 17196-17201, Nov 2006	Biological, Physical, and Social Science

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285	372	Juncu Gheorghe	Universitatea Politehnica din Bucuresti	Multiplicity Analysis of a Nonisothermal Finite Cylindrical Catalyst Pellet	International Journal of Heat and Mass Transfer 50(11-12) 2038-2050, June 2007	Engineering, Mechanical, Mechanics, Thermodynamics
286	373	Juncu Gheorghe	Universitatea Politehnica din Bucuresti	A numerical study of momentum and forced convection heat transfer around two tandem circular cylinders at low reynolds numbers. Part I - Momentum Transfer	International Journal of Heat and Mass Transfer 50(19-20) 3788-3798 September 2007	Engineering, mechanical, mechanics, Thermodynamics
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289	376	Cremene Marcel	Universitatea Tehnica din Cluj Napoca	Autonomic Adaptation Solution Based on Service-Context Adequacy Determination	Electronic Notes in Theoretical Computer Science, vol189, 17 Iulie 2007, Elsevier	Computer Science, Software Engineering
290	378	Florea Cornelius Nicolae	Universitatea Politehnica din Bucuresti	Logarithmic Model-based Dynamic Range Enhancement of Hip Xray Images	Lecture Notes in Computer Science (LNCS) vol 4678, 587-596 August 2007	Computer Science and Engineering
291	379	Vertan Constantin	Universitatea Politehnica din Bucuresti	Detection of postmenopausal alteration of bone structure in digitized Xrays	Lecture Notes in Computer Science (LNCS) vol 4673, 278-284 August 2007	Computer Science and Engineering
292	380	Ionescu Bogdan Emanuel	Universitatea Politehnica din Bucuresti	Fuzzy Semantic Action and Color Characterization of Animation Movies in the Video Indexing task Context	Lecture Notes in Computer Science (LNCS) vol 4398,119-135 JUne 2007	Informatica
293	381	Cazacu Georgeta	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Natural Polymer Modification under Radio-Frequency Electrical Discharge	Journal of Optoelectronics and Advanced Materials 9(4) 970-974, 2007	Materilas Science, Multidisciplinary, optics, Applied Physics
294	382	Totolin Marian	Institutul de Chimie Macromoleculara Petru Poni din Iasi	Plasma Induced Aniline Polymerization	Journal of Optoelectronics and Advanced Materials 9(4) 881-883, 2007	Materilas Science, Multidisciplinary, optics, Applied Physics
295	383	Cantor Maria	Universitatea de Stiinte Agricole si Medicina Veterinara Cluj Napoca	Monitoring of Floral Species in Collection of USAMV Cluj for Preservation and Utilization on the Landscape	Hortscience 42(4) 951 July 2007	Horticulture
296	384	Cantor Maria	Universitatea de Stiinte Agricole si Medicina Veterinara Cluj Napoca	In Vitro Multiplication of Weigela Genus	Hortscience 42(4) 972 July 2007	Horticulture
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300	388	Stoica	Anca Iulia	Universitatea din Bucuresti, Facultatea de Chimie	Voltammetric Determination of N,N-Dimethyl-4-amino-4-hydroxyazobenzene ai a Galssy Carbon paste Electrode in the Presence of N,N-Dimethyl-4-aminoazobenzene	Chemia Analityczna (Warsaw), 52(2) 201-212 Marh-April 2007	Chemistry
301	389	Enesca	Alexandru	Universitatea Transilvania din Brasov	Sudy of Photoactivity of Tungsten Trioxide (WO <sub>3</sub> ) for Water Splitting	Thin Solid Films 515 (16) 6371-6347 iunie 2007	Sinteza de Straturi Subtiri, Caracterizare si Aplicatii
302	390	Enesca	Alexandru	Universitatea Transilvania din Brasov	The Influence of Deposition Condition on Crystal Growth of CUSBS2 thin Film Absorber used for Solid State Solar Cells (SSSC)	Journal of Optoelectronics and Advanced Materials 9(5), 1269-1272, may 2007	Fizica
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305	393	Manolache	Simona Ana	Universitatea Transilvania din Brasov	The Influence of the Spray Deposition Parameters in the Photovoltaic response of the Three-Dimensional (3D) Solar Cell, TCO/Dense TiO <sub>2</sub> /CUSBS2/Graphite	Journal of Optoelectronics and Advanced Materials 9(10), 3279-3222, octombrie 2007	Physics, Applied
306	394	Manolache	Simona Ana	Universitatea Transilvania din Brasov	The Influence of the Deposition Condition on Crystal Growth and on the Band Gap of CUSBS2 thin Film Absorber used for Solid State Solar Cells(SSSC)	Journal of Optoelectronics and Advanced Materials 9(5), 1269-1272, octombrie 2007	Physics, Applied
307	395	Vladuta	Cristina	Universitatea Transilvania din Brasov	Ceramic Interface Properties Evaluation based on contact angle Measurement	Surface and Coatings Technology, XX(2007) XXX-XXX	Material Science, Coating and Films
308	396	Andronic	Luminita	Universitatea Transilvania din Brasov	TiO <sub>2</sub> thin Films for Dyes Photodegradation	Thin Solid Films 515 (16) 4 6294-6297, June 2007	Thin-Film Synthesis, Characterization and Applications
309	397	Andronic	Luminita	Universitatea Transilvania din Brasov	TiO <sub>2</sub> thin Films prepared by Spray Pyrolysis Deposition (SPD) and their photocatalytic Activities	Journal of Optoelectronics and Advanced Materials 9(5) 1403-1406 may 2007	Materials Science
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311	399	Isac	Luminita Anisoara	Universitatea Transilvania din Brasov	Crystal Order in Cu <sub>2</sub> S thin Films Obtained by Spray Pyrolysis	Journal of Optoelectronics and Advanced Materials 9(5) 1265-1268 may 2007	Physics, Applied
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313	401	Isac	Luminita Anisoara	Universitatea Transilvania din Brasov	Tailoring Copper Sulfide Thin Films Morphology Using Spray Pyrolysis Deposition Technique	Journal of Optoelectronics and Advanced Materials 9(10) 3072-3075 Oct 2007	Physics, Applied

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315	403	Craciunescu	Oana	Institutul National de Cercetare Dezvoltare pentru Stiinte Biologice	Evaluation of the Radioprotective Activity of New Green Tea-Collagen Materials	Journal of Optoelectronics and Advanced Materials 9(8) 2602-2607 Aug 2007	Physics
316	404	Arsene	Cecilia	Universitatea Al.I.Cuza din Iasi	Tropospheric OH and Levels Deduced from Non-Methane Hydrocarbon measurements in a Marine Site	Atmospheric Chemistry and Physics 7, 4661-4673, September 2007	ISI Quoted Factor 4.362/AN Interactive Open Acces Journal of the European Geosciences
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322	410	Carja	Gabriela	Universitatea Tehnica Gh. Asachi din Iasi	Towards New Drugs Formulations Gentamicin - Anionic Clay as Nanohybrids	Materials Science and Engineering C, 27(5-8), 1129-1132, Septembrie 2007	Science and Technology - Materials Science, ISI (2006) 0.917
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