

LISTA LUCRĂRILOR PUBLICATE ÎN REVISTE CU FACTOR DE IMPACT (ISI) DE CĂTRE CADRELE DIDACTICE DIN UVT ÎN ANUL 2008

Nr.	Autori lucrare	Titlul lucrării	Revista în care a apărut	Anul publicării	Volu (fascicula) pagini	Autorii din UVT
1.	Balint, St. and Balint, A. M.	Inequalities for Single Crystal Ribbon Growth by Edge-Define Film-Fed Growth Techniquex	Journal of Inequalities and Applications	2008	2008 (1) pag. 1 (Article ID 381604) - 14	Autori din UVT: Balint,St.; Balint,A.M.
2.	Balint, A. M., Szabo, R., Nanai, L., and Balint, St.	Modeling vanadium oxide film growth in the spot of a cw CO2 laser	Journal of Optoelectronics and Advanced Materials	2008	10 (9) pag. 2425 - 2432	Autori din UVT: Balint,A.M.; Szabo,R.; Balint,St.
3.	Massiera, B., Ionescu, S., and Cernaianu, S.	Etude Comparative des Pratiques et Representations du Sport en Roumanie et en France: Les Consequences d'un Heritage Politique Different	Revue d'Etudes Comparatives Est-Ouest	2008	39 (2) pag. 77 - 104	Autori din UVT: Ionescu,S.
4.	Epure, S., Duffar, Th., and Braescu, L.	Comparison between Analytical and Numeric Determination of the Interface Curvature During Dewetted Bridgman Crystal Growth	Journal of Crystal Growth	2008	310 (7-9) pag. 1559 - 1563	Autori din UVT: Epure,S., Braescu,L.
5.	Balint, St., Braescu, L., Sylia, L., Epure, S., and Duffar, Th.	Dependence of the Meniscus Shape on the PResure Difference in the Dewetted Bridgman Process	Journal of Crystal Growth	2008	310 (7-9) pag. 1565 - 1570	Autori din UVT: Balint,St.; Braescu,L.;Epure,S.
6.	Vlascici, D., Fagadar Cosma, E., Pica, E. M., Cosma, V., Bizerea, O., Mihailescu, Gh., and Olenic, L.	Free Base Porphyrins as Ionophores for Heavy Metal Sensors	Sensors	2008	2008 (8) pag. 4995 - 5004	Autori UVT: Vlascici,D.; Bizerea,O.
7.	Vlascici, D., Pica, E. M., Fagadar Cosma, E., Cosma, V., and Bizerea, O.	Thiocyanate and Fluoride Electrochemical Sensors Based on Nanostructured Metalloporphyrin Systems	Journal of Optoelectronics and Advanced Materials	2008	10 (9) pag. 2303 - 2306	Autori din UVT: Vlascici,D.; Bizerea,O.
8.	Manea, F., Pop, A., Radovan, C., Malchev, P., Bebeselea, A., Burtica, G., Picken, S., and Schoonman, J.	Voltammetric Detection of Urea on an Ag-Modified Zeolite-Expanded Graphite-Epoxy Composite Electrode	Sensors	2008	2008 (9) pag. 5806 - 5819	Autori UVT: Radovan,C.
9.	Cinghita, D., Radovan, C., and Dascalu, D.	Anodic Voltammetry of Thioacetamide and its Amperometric Determination in Aqueous Media	Sensors	2008	2008 (8) pag. 4560 - 4581	Autori UVT: Cinghita,D.; Radovan,C.; Dascalu,D.
10.	Radovan, C., Cinghita, D., Manea, F., Mincea, M., Cofan, C., and Ostafe, V.	Electrochemical Sensing and Assessment of Parabens in Hydro-Alcoholic Solutions and Water Using a Boron-doped Diamond Electrode	Sensors	2008	2008 (7) pag. 4330 - 4349	Autori UVT: Radovan,C.; Cinghita,D.; Mincea,M.; Ostafe,V.
11.	Cofan, C. and Radovan, C.	Simultaneous Chronoamperometric Sensing of Ascorbic Acid and Acetaminophen at a Boron-doped Diamond Electrode	Sensors	2008	2008 (6) pag. 3952 - 3969	Autori UVT: Radovan,C.;
12.	Pop, A., Manea, F., Radovan, C., Corb, I., Burtica, G., Malchev, P., Picken, S., and Schoonman, J.	Determination of 4-Chlorophenol using Two Types of Graphyte-Based Composite Electrodes	Revue Roumaine de Chimie	2008	53 (8) pag. 623 - 628	Autori UVT: Radovan,C.;
13.	Pop, A., Manea, F., Radovan, C., Malchev, P., Bebeselea, A., Proca, C., Burtica, G., Picken, S., and Schoonman, J.	Amperometric Detection of 4-Chlorophenol on Two Types of Expanded Graphyte Based Composite Electrodes	Electroanalysis	2008	20 (22) pag. 2460 - 2466	Autori UVT: Radovan,C.;
14.]	Manea, F., Radovan, C., Corb, I., Pop, A., Burtica, G., Malchev, P., Picken, S., and Schoonman, J.	Simultaneous Determinations of 4-Chlorophenol and Oxalic Acid Using an Expanded Graphite-Epoxy Composite Electrode	Electroanalysis	2008	20 (15) pag. 1719 - 1722	Autori UVT: Radovan,C.;

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15.	Radovan, C., Cofan, C., and Cinghita, D.	Simultaneous Determination of Acetaminophen and Ascorbic Acid at an Unmodified Boron-Doped Diamond Electrode by Differential Pulse Voltammetry in Unbuffered Media	Electroanalysis	2008	20 (12) pag. 1346 - 1353	Autori UVT: Radovan,C.;Cinghita,D.
16.	Vlase, T. and Muntean, C.	Kinetics of Thermal Decomposition of some Nitrophosphate Fertilizers with Micronutrients in Isothermal Conditions	Journal of Thermal Analysis and Calorimetry	2008	92 (2) pag. 559 - 562	Autori din UVT: Vlase,T.
17.	Birta, N., Doca, N., Vlase, G., and Vlase, T.	Kinetic of Sorbitol Decomposition under Non-Isothermal Conditions	Journal of Thermal Analysis and Calorimetry	2008	92 (2) pag. 635 - 638	Autori din UVT: Birta,N, Doca,N, Vlase,G; Vlase,T.
18.	Pop, N., Vlase, G., Vlase, T., Doca, N., Mogos, S., and Ioişescu, A.	Compensation Effect as a Consequence of Vibrational Energy Transfer in Homogeneous and Isotropic Heat Field	Journal of Thermal Analysis and Calorimetry	2008	99 (1) pag. 313 - 317	Autori din UVT: Pop,N.; Vlase,G.; Vlase,T.; Doca,N.; Mogos,S.; Ioişescu,A.
19.	Vlase, G., Vlase, T., and Doca, N.	Thermal Behavior of some Phenitoin Pharmaceuticals	Journal of Thermal Analysis and Calorimetry	2008	92 (1) pag. 259 - 262	Autori din UVT: Vlase,G.; Vlase, T.; Doca, N.
20.	Vlase, T., Doca, N., Vlase, G., Bolcu, C., and Borcan, F.	Kinetics of Non-isothermal Decomposition of Three IRGANOX-type Antioxidants	Journal of Thermal Analysis and Calorimetry	2008	92 (1) pag. 15 - 18	Autori din UVT: Vlase,T.; Doca,N.; Vlase,G.; Bolcu,C.; Borcan,F.
21.	Tita, B., Marian E., Tita, D., Vlase, G., Doca, N., and Vlase, T.	Comparative Kinetic Study of decomposition of Some Diazepine Derivatives Under Isothermal and Non-Isothermal Conditions	Journal of Thermal Analysis and Calorimetry	2008	94 (2) pag. 447 - 452	Autori din UVT: Vlase,G.; Doca,N.; Vlase,T.
22.	Doca, N., Vlase, G., Vlase, T., and Ilia, G.	Thermal Behaviour of Cd ²⁺ and Co ²⁺ Phenyl-Vinyl-Phosphonates under Non-Isothermal Condition	Journal of Thermal Analysis and Calorimetry	2008	94 (2) pag. 441 - 445	Autori din UVT: Doca,N.; Vlase,G.; Vlase,T.
23.	Putz, M. V.	Density Functionals of Chemical Bonding	International Journal of Molecular Sciences	2008	9 pag. 1050 - 1095	Autori din UVT: Putz,M.V.
24.	I. Talpos, M. Pirtea, and B. Dima, A Dynamic Portfolio Optimization Framework with Distinction between "Risk" and "Uncertainty", Danube Adria Association for Automation & Manufacturing, Vienna, 2008, p. 1010.	A Dynamic Portfolio Optimization Framework with Distinction between "Risk" and "Uncertainty"	Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Next Generation of Intelligent Systems and Solutions" 22-25 October 2008, Trnava, Slovakia	2008	22-25 October 2008, Trnava, Slovakia	Autori din UVT: Talpos,I.; Pirtea,M.; Dima,B.
25.	Talpos, I., Dima, B., Mutascu, M., Enache, C., and Munteanu, V.	The Social Allocation of the Resources: The Oasis Theory (Part two)	Economic Computation and Economic Cybernetics Studies and Research	2008	42 (1-2) pag. 35 - 42	Autori din UVT: Talpos,I.; Dima,B.; Mutascu,M.; Enache, C.; Munteanu, V.
26.	Papp, E., Micu, C., and Aur, L.	The Influence of Time-Dependent Electric and Magnetic Fields on the Dynamic Localization of Lattice Electrons	Superlattices and Microstructures	2008	44 (6) pag. 770 - 780	Autori din UVT: Papp,E., Aur,L.
27.	Papp, E., Micu, C., and Racolta, D.	Coupled Chains in Electric and Magnetic Fields Revisted	Physica B: Condensed Matter	2008	403 (18) pag. 3289 - 3294	Autori din UVT: Papp,E.

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28.	Caizer, C.	Magnetic Properties of the Novel Nanocomposite (Zn _{0.15} Ni _{0.85} Fe ₂ O ₄) _{0.15} /(SiO ₂) _{0.85} at Room Temperature	Journal of Magnetism and Magnetic Materials	2008	320 (6) pag. 1056 – 1062	Autori din UVT: Caizer, C.
29.	Chilarescu, C.	An Analytical Solutions for a Model of Endogenous Growth	Economic Modelling	2008	25 (6) pag. 1175 – 1182	Autori din UVT: Chilarescu, C.
30.	Gherman, V-D., Breheret, J-G., Motoc, A., Samuila, C., Filimon, M. N., and Breica Borozaan, A.	The Microbial Oxidation of Iron and Sulphur in an Acid Solution from an Auriferous Sulphides Mine from the South-West of Romania	Revista de Chimie	2008	59 (11) pag. 1276 – 1280	Autori din UVT: Filimon, M.N.
31.	Montano, B. C. and Blaga, A. M.	Some Geometric Structures Associated with a k-Symplectic Manifold	Journal of Physics A - Mathematical and Theoretical	9-1-2008	41 (10) pag. 105204 (13 pp) –	Autori din UVT: Blaga, A.M.
32.	Mihet, D.	Fuzzu η -contractive Mappings in non-Archimedean Fuzzy Metric Spaces	Fuzzy Sets and Systems	9-1-2008	159 pag. 739 – 744	Autori din UVT: Mihet, D.
33.	Mihet, D. and Radu, V.	On the Stability of the Additive Cauchy Functional Equation in Random Normed Spaces	Journal of Mathematical Analysis and Applications	9-1-2008	343 (1) pag. 567 – 572	Autori din UVT: Mihet, D., Radu, V.
34.	Balint, St. and Balint, A. M.	The Effect of the Pressure Difference Across the Free Surface on the Static Meniscus Shape in the Case of Ribbon Growth by Edge-Defined Film-Fed Growth (E.F.G.) Method	Journal of Crystal Growth	2008	311 (1) pag. 32 – 37	Autori din UVT: Balint, St.; Balint, A.M.
35.	Balint, St. and Balint, A. M.	Nonlinear Boundary Value Problem for Concave Capillary Surfaces Occurring in Single Crystal Rod Growth from the Melt	Journal of Inequalities and Applications	2008	2008 pag. Article ID 310924, 13 pages –	Autori din UVT: Balint, St.; Balint, A.M.
36.	Balint, St., Balint, A. M., and Tanasie, L.	The Effect of the Pressure on the Static Meniscus Shape in the Case of Tube Growth by Edge-Defined Film-Fed Growth (E.F.G.) Method	Journal of Crystal Growth	2008	310 (2) pag. 382 – 390	Autori din UVT: Balint, St.; Balint, A.M.; Tanasie, L.
37.	Sasu, B.	Robust Stability and Stability Radius for Variational Control Systems	Abstract and Applied Analysis	2008	2008 pag. Article ID 381791, 29 pages –	Autori din UVT: Sasu, B.
38.	Sasu, A. L.	Exponential dichotomy and dichotomy radius for difference equations	Journal of Mathematical Analysis and Applications	2008	344 (2) pag. 906 – 920	Autori din UVT: Sasu, A.L.
39.	Birtea, P., Ortega, J.-P., and Ratiu, T. S.	A Local-to-Global Principle for Convexity in Metric Spaces	Journal of Lie Theory	2008	18 (2) pag. 445 – 469	Autori din UVT: Birtea, P.
40.	Birtea, P., Puta, M., and Tudoran, R. M.	Some Remarks on the Dynamics and Geometry of an Underwater Vehicle	International Journal of Geometric Methods in Modern Physics	2008	5 (62) pag. 831 – 849	Autori din UVT: Birtea, P.; Puta, M.; Tudoran, R.M.
41.	Buse, C. and Niculescu, C. P.	A Condition of Uniform Exponential Stability for Semigroups	Mathematical Inequalities & Applications	2008	11 (3) pag. 529 – 536	Autori din UVT: Buse, C.
42.	Buse, C., Choudary, A. D. R., Dragomir, S. S., and Prajea, M. S.	On Uniform Exponential Stability of Exponentially Bounded Evolution Families	Integral Equations and Operator Theory	2008	61 pag. 325 – 340	Autori din UVT: Buse, C.

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43.	Ercuta, A.	Magnetomechanical damping in stress-relieved Ni: the effect of the dc magnetic field	Journal of Physics: Condensed Matter	2008	20 (32)pag. ID: 325227 (9pp) -	Autori din UVT: Ercuta,A.
44.	Craciunescu, C. M., Ercuta, A., Mitelea, I., Valeanu, M., Teodorescu, V. S., Lupu, N., and Chiriac, H.	Rapidly solidified ferromagnetic shape memory alloys	The European Physical Journal - Special Topics	2008	158 pag. 161 - 165	Autori din UVT: Ercuta,A.
45.	Ianos, R., Lazau, I., Pacurariu, C., and Barvinschi, P.	Peculiarities of CaO·6Al ₂ O ₃ Formation by using Low-Temperature Combustion Synthesis	European Journal of Inorganic Chemistry	2008	2008 (6)pag. 925 - 930	Autori din UVT: Barvinschi,P.
46.	Ianos, R., Lazau, I., Pacurariu, C., and Barvinschi, P.	Application of New Organic Fuels in the Direct MgAl ₂ O ₄ Combustion Synthesis	European Journal of Inorganic Chemistry	2008	2008 (6)pag. 931 - 938	Autori din UVT: Barvinschi,P.
47.	Ianos, R., Lazau, I., Pacurariu, C., and Barvinschi, P.	Solution combustion synthesis of MgAl ₂ O ₄ using fuel mixtures	Materials Research Bulletin	2008	43 (12)pag. 3408 - 3415	Autori din UVT: Barvinschi,P.
48.	Ianos, R., Pacurariu, C., Lazau, I., Ianoșev, S., Ecsedi, Z., Lazau, R., and Barvinschi, P.	Comparative study regarding the formation of La _{1-x} Sr _x CrO ₃ perovskite using unconventional synthesis methods	Journal of Thermal Analysis and Calorimetry	2008	94 (2)pag. 342 - 348	Autori din UVT: Barvinschi,P.
49.	Fannin, P. C., Marin, C. N., and Couper, C.	On the significance of the area under the after-effect function curve of a magnetic fluid	Journal of Physics: Condensed Matter	2008	2008 (20)pag. ID: 204108 (4pp) -	Autori din UVT: Marin,C.N.
50.	Fannin, P. C. and Marin, C. N.	Characteristic times of relaxation peaks of magnetic fluids	Journal of Magnetism and Magnetic Materials	2008	320 (16)pag. 2106 - 2111	Autori din UVT: Marin,C.N.
51.	Fannin, P. C., Malaescu, I., Marin, C. N., and Stefu, N.	Microwave specific loss power of magnetic fluids subjected to a static magnetic field	The European Physical Journal E	2008	27 (2)pag. 145 - 148	Autori din UVT: Malaescu, I.; Marin,C.N.; Stefu,N.
52.	Bica, I.	Production of iron nanotubes in plasma	Journal of Industrial and Engineering Chemistry	2008	14 (2)pag. 230 - 235	Autori din UVT: Bica, I.
53.	Bica, I. and Choi, H. J.	Preparation and electro-thermoconductive characteristics of magnetorheological suspensions	International Journal of Modern Physics B	2008	22 (29)pag. 5041 - 5064	Autori din UVT: Bica, I.
54.	Neculae, A. and Paulescu, M	Numerical simulation for the current density of p-n like-type solar cells	Journal of Optoelectronics and Advanced Materials	2008	10 (9)pag. 2438 - 2440	Autori din UVT: Neculae,A.; Paulescu, M.
55.	Balasoiu, M., Craus, M. L., Kuklin, A. I., Pleștil, J., Haramus, V., Islamov, A. H., Erhan, R., Anitas, E. M., Lozovan, M., Tripadus, V., Petrescu, C., Savu, D., Savu, S., and Bica, I.	Microstructure of magnetite doped elastomers investigated by SAXS and SANS	Journal of Optoelectronics and Advanced Materials	2008	10 (11)pag. 2932 - 2935	Autori din UVT: Savu,S.; Savu, S.; Bica, I.
56.	Paulescu, M, Tulcan-Paulescu, E., Neculae, A., and Gavrila, P.	Internal reflection influence on the multiple quantum well solar cell efficiency	Journal of Optoelectronics and Advanced Materials	2008	10 (9)pag. 2441 - 2444	Autori din UVT: Paulescu, M.; Tulcan-Paulescu, E.; Neculae,A.; Gavrila,P.

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57.	Paulescu, M, Gavrilă, P., and Tulcan-Paulescu, E.	Fuzzy logic algorithms for atmospheric transmittances of use in solar energy estimation	Energy Conversion and Management	2008	49 (12)pag. 3691 - 3697	Autori din UVT: Paulescu, M.; Gavrilă,P.; Tulcan-Paulescu, E.;
58.	Tulcan-Paulescu, E. and Paulescu, M	Fuzzy modelling of solar irradiation using air temperature data	Theoretical and Applied Climatology	2008	91 (1-4 (February))pag. 181 - 192	Autori din UVT: Tulcan-Paulescu, E.;Paulescu, M.
59.	Vulcanov, D. N.	New results in the use of a "reverse engineering" method in cosmologies with scalar field	Central European Journal of Physics	2008	6 (1 (Martie 2008))pag. 84 - 96	Autori din UVT: Vulcanov,D.N.
60.	Cotaescu, I. I. and Crucean, C.	New Dirac Quantum Modes in Moving Frames of the De Sitter Space-Time	International Journal of Modern Physics A	2008	23 (22 (10 September, 2008))pag. 3707 - 3720	Autori din UVT: Cotaescu,I.I.; Crucean, C.
61.	Crucean, C. and Racoveanu, R.	Reduction Formalism for Dirac Fermions on De Sitter Space-Time	International Journal of Modern Physics A	2008	23 (7 (20 March, 2008))pag. 1075 - 1087	Autori din UVT: Crucean, C.; Racoveanu, R.
62.	Cotaescu, I. I. and Crucean, C.	Dirac-Coulomb Scattering with Plane Wave Energy Eigenspinors on De Sitter Expanding Universe	International Journal of Modern Physics A	2008	23 (9 (10 April, 2008))pag. 1351 - 1359	Autori din UVT: Cotaescu,I.I.; Crucean, C.
63.	Cotaescu, I. I., Crucean, C., and Pop, A.	The Quantum Theory of Scalar Fields on the De Sitter Expanding Universe	International Journal of Modern Physics A	2008	23 (16 & 17 (10 July, 2008))pag. 2563 - 2577	Autori din UVT: Cotaescu,I.I.; Crucean, C.; Pop,A.
64.	Crucean, C., Racoveanu, R., and Pop, A.	Coulomb scattering for scalar field in Schrödinger picture	Physics Letters B	2008	665 (5 (31 July, 2008))pag. 409 - 411	Autori din UVT: Crucean, C.; Racoveanu, R.; Pop,A.
65.	Cotaescu, I. I. and Palcu, A.	Charges and Mass Spectrum in the Pisano-Pleitez-Frampton 3-3-1 Gauge Model	Modern Physics Letters A	2008	23 (14 (10 May, 2008))pag. 1011 - 1030	Autori din UVT: Cotaescu,I.I., Palcu,A.
66.	Cotaescu, I. I., Gavrilă, P., and Paulescu, M	Pseudo-Gaussian Oscillators	International Journal of Modern Physics C	2008	19 (10 (October 2008))pag. 1607 - 1615	Autori din UVT: Cotaescu,I.I., Gavrilă,P.; Paulescu, M.
67.	Cotaescu, I. I. and Visinescu, M.	Superalgebra of Dirac-type operators of the Euclidean Taub-NUT space	Fortschritte der Physik	2008	56 (4-5 (April 2008))pag. 400 - 405	Autori din UVT: Cotaescu,I.I.
68.	Vasile, M., Avram, N., Vlăzan, P., Grozescu, I., and Miclău, M.	Characterization and calculation of energy levels scheme for Er ³⁺ :ZnGa ₂ O ₄	Journal of Optoelectronics and Advanced Materials	2008	10 (11 (11 November, 2008))pag. 2898 - 2901	Autori din UVT: Vasile,M.; Avram,N.
69.	Avram, N. M., Brik, M. G., and Avram, C. N.	Comparative study of the energy levels structure of Cr ³⁺ :Mn(WO ₄) ₂ with M=Na, K, Rb	Journal of Optoelectronics and Advanced Materials	2008	10 (4 (4 April, 2008))pag. 819 - 822	Autori din UVT: Avram,N.M.; Avram,C.N.

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70.	Brik, M. G., Avram, C. N., and Avram, N. M.	Comparative study of crystal field effects for Ni ²⁺ ion in LiGa ₅ O ₈ , MgF ₂ and AgCl crystals	Journal of Physics and Chemistry of Solids	2008	69 (7 (July, 2008)) pag. 1796 - 1801	Autori din UVT: Avram,C.N.; Avram,N.M.
71.	Avram, C. N., Brik, M. G., and Avram, N. M.	Jahn–Teller effect in the 4T _{2g} excited state of Cr ³⁺ ion in Cs ₂ NaYF ₆ crystal	Journal of Luminescence	2008	128 (5-6 (May - June, 2008)) pag. 982 - 984	Autori din UVT: Avram,C.N.; Avram,N.M.
72.	Nicoara, I., Stef, M., and Pruna, A.	Growth of YbF ₃ -doped CaF ₂ crystals and characterization of Yb ³⁺ /Yb ²⁺ conversion	Journal of Crystal Growth	2008	310 (7-9 (April, 2008)) pag. 1470 - 1475	Autori din UVT: Nicoara,I.; Stef,M.; Pruna,A.
73.	Nicoara, I., Pecingina-Garjoaba, N., and Bunoiu, O.	Concentration distribution of Yb ²⁺ and Yb ³⁺ ions in YbF ₃ :CaF ₂ crystals	Journal of Crystal Growth	2008	310 (7-9 (April, 2008)) pag. 1476 - 1481	Autori din UVT: Nicoara,I.; Pecingina-Garjoaba,N.; Bunoiu, O.
74.	Nicoara, I., Munteanu, M., Preda, E., and Stef, M.	Some dielectric and optical properties of ErF ₃ -doped CaF ₂ crystals	Journal of Crystal Growth	2008	310 (7-9 (April, 2008)) pag. 2020 - 2025	Autori din UVT: Nicoara,I.; Munteanu,M.; Preda, E.; Stef,M.
75.	Nicoara, I., Lighezan, L., Enculescu, M., and Enculescu, I.	Optical spectroscopy of Yb ²⁺ ions in YbF ₃ -doped CaF ₂ crystals	Journal of Crystal Growth	2008	310 (7-9 (April, 2008)) pag. 2026 - 2032	Autori din UVT: Nicoara,I.; Lighezan,L.
76.	Neamtu, M, Horhat, R. F., and Opris, D.	Hopf Bifurcation Analysis for a Mathematical Model of P53-MDM2 Interaction	International Journal of Bifurcation and Chaos	2008	18 (1 (January, 2008)) pag. 275 - 283	Autori din UVT: Neamtu,M.; Opris,D.
77.	Isvoran, A., Pitulice, L., Craescu, C. T., and Chiriac, A.	Fractal aspects of calcium binding protein structures	Chaos, Solitons & Fractals	2008	35 (5 (March, 2008)) pag. 960 - 966	Autori din UVT: Isvoran,A.; Pitulice,L.; Craescu,C.T.; Chiriac,A.
78.	Pitulice, L., Isvoran, A., and Chiriac, A.	Structural features of proteins as reflected by statistical scaling laws	Journal of the Serbian Chemical Society	2008	73 (8-9) pag. 805 - 813	Autori din UVT: Pitulice,L.; Isvoran,A.; Chiriac,A.
79.	Isvoran, A., Vilaseca, E., Unipan, L., Garces, J.-L., and Mas, F.	Computational Study of Diffusion in Cellular Two-Dimensional Crowded Media Modeled as Mxtures of Mobile and Immobile Obstacles	Revue Roumaine de Chimie	2008	53 (5) pag. 415 - 419	Autori UVT: Isvoran,A.
80.	Putz, M. V.	Maximum Hardness Index of Quantum Acid-Base Bonding	MATCH: Communications in Mathematical and in Computer Chemistry	2008	60 (3) pag. 845 - 968	Autori UVT: Putz,M.V.
81.	Gal, C. and Nutiu, R.	Comparison of membrane assisted liquid-liquid microextraction devices applied to a series of volatile organic compounds in aqueous environmental matrices	International Journal of Environmental Analytical Chemistry	2008	88 (7 (June, 2008)) pag. 447 - 460	Autori UVT: Nutiu,R.
82.	Braescu, L. and Duffar, Th.	Effect of buoyancy and Marangoni forces on the dopant distribution in a single crystal fiber grown from the melt by edge-defined film-fed growth (EFG) method	Journal of Crystal Growth	2008	310 (2 (15 January)) pag. 484 - 489	Autori din UVT: Braescu,L.

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83.	Braescu, L.	The dependence of the dopant distribution on the pulling rate and on the capillary channel radius in the case of a Nd:YVO4 cylindrical bar grown from the melt by EFG method	Materials Science and Engineering: B	2008	146 (1-3 (15 January)) pag. 41 - 44	Autori din UVT: Braescu,L.
84.	Braescu, L.	Shape of menisci in terrestrial dewetted Bridgman growth	Journal of Colloid and Interface Science	2008	319 (1 (1 March)) pag. 309 - 315	Autori din UVT: Braescu,L.
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