

**APLICATII PRIMITE 2011 NOIEMBRIE**

<b>Nr. Crt</b>	<b>Cod Depunere</b>	<b>Titlul Articol</b>	<b>Nume</b>	<b>Prenume</b>	<b>CodIdentificareArticol</b>	<b>Data Finalizarii</b>
1232	PN-II-RU-PRECISI-2011-3-1257	Improving TiO <sub>2</sub> activity in photo-production of hydrogen from sugar industry waste-waters	Vasile	Parvulescu	10.1016/j.ijhydene.2011.09.029	01.11.2011 16:34
1233	PN-II-RU-PRECISI-2011-3-1258	Contributions to the thermal degradation mechanism under nitrogen atmosphere of PTFE by TG-FTIR analysis. Influence of the additive nature	Costel	Moldoveanu	10.1016/j.tca.2011.09.019	02.11.2011 09:08
1234	PN-II-RU-PRECISI-2011-3-1259	Low-Dissolved-Oxygen Nitrifying Systems Exploit Ammonia-Oxidizing Bacteria with Unusually High Yields	Irina Dana	Ofiteru	10.1128/AEM.00330-11	02.11.2011 09:59
1235	PN-II-RU-PRECISI-2011-3-1260	Hydrodynamic and thermal interaction of a periodically oscillating fluid with a porous medium lying over a thick solid plate	Ioan	Pop	10.1016/j.ijthermalsci.2011.04.019	02.11.2011 11:42
1236	PN-II-RU-PRECISI-2011-3-1261	Control of Robotic Systems With Unknown Friction and Payload	Lorinc	Marton	10.1109/TCST.2010.2086458	02.11.2011 14:17
1237	PN-II-RU-PRECISI-2011-3-1262	Thermal analysis and theoretical study of $\alpha$ -cyclodextrin azomethine [2]-rotaxane formation by semi-empirical method PM3	IULIANA	STOICA	10.1016/j.cplett.2011.08.007	02.11.2011 15:17
1238	PN-II-RU-PRECISI-2011-3-1263	Sorption of Brilliant Red HE-3B Reactive Dye from Aqueous Solution onto Seashells Waste: Equilibrium and Kinetic Studies	DANIELA	SUTEU	10.1080/01496395.2011.561514	03.11.2011 08:24
1239	PN-II-RU-PRECISI-2011-3-1264	Antibacterial activity of silver-modified natural clinoptilolite	Copcia	Violeta-Elena	809NV	03.11.2011 08:24
1240	PN-II-RU-PRECISI-2011-3-1265	Static charged double-black rings in five dimensions	Cristian	Stelea	10.1103/PhysRevD.84.044009	03.11.2011 12:52
1241	PN-II-RU-PRECISI-2011-3-1266	Tracking of Airborne Radionuclides from the Damaged Fukushima Dai-Ichi Nuclear Reactors by European Networks	constantin	Cosma	10.1021/es2017158	03.11.2011 14:01
1242	PN-II-RU-PRECISI-2011-3-1267	Testing the limits of sensitivity in a solid-state structural investigation by combined X-ray powder diffraction, solid-state NMR, and molecular modelling	Xenia	Filip	10.1039/c1cp21878f	03.11.2011 14:48
1243	PN-II-RU-PRECISI-2011-3-1268	Numerical investigation on the dynamics of cavitation nanobubbles	Emil-Alexandru	Brujan	835DD	03.11.2011 16:45
1244	PN-II-RU-PRECISI-2011-3-1269	An efficient and selective route to hybrid trifluoromethyl-substituted $\gamma$ -lactones or fused nitrogen derivatives via cascade reactions	Costel	Moldoveanu	10.1016/j.tetlet.2011.09.093	03.11.2011 16:49
1245	PN-II-RU-PRECISI-2011-3-1270	Free-floating planets as potential seats for aqueous and non-aqueous life	Viorel	Badescu	10.1016/j.icarus.2011.09.013	03.11.2011 17:43
1246	PN-II-RU-PRECISI-2011-3-1271	Estimation of the lipophilic character of flavonoids from the retention behavior in reversed phase liquid chromatography on different stationary phases: A comparative study	COSTEL	SARBU	10.1016/j.jpba.2011.08.044	03.11.2011 18:26
1247	PN-II-RU-PRECISI-2011-3-1272	Radical cation salts of BEDT-TTF, enantiopure tetramethyl-BEDT-TTF, and TTF-Oxazoline (TTF-Ox) donors with the homoleptic TRISPHAT anion	Augustin	Madalan	10.1039/c1nj20310j	03.11.2011 20:57
1248	PN-II-RU-PRECISI-2011-3-1273	Amperometric tyrosinase based biosensor using an electropolymerized phosphate-doped polypyrrole film as an immobilization support. Application for detection of phenolic compounds	Constantin	Apetrei	10.1016/j.electacta.2011.07.127	04.11.2011 12:13
1249	PN-II-RU-PRECISI-2011-3-1274	Fatigue crack growth rate in acrylic resins under variable amplitude loading	Anghel	Cernescu	10.1016/j.tafmec.2011.09.007	04.11.2011 13:44
1250	PN-II-RU-PRECISI-2011-3-1275	Finsler branes and quantum gravity phenomenology with Lorentz symmetry violations	Sergiu	Vacaru	10.1088/0264-9381/28/21/215001	04.11.2011 16:27
1251	PN-II-RU-PRECISI-2011-3-1276	Covariant renormalizable anisotropic theories and off-diagonal Einstein-Yang-Mills-Higgs solutions	Sergiu	Vacaru	10.1209/0295-5075/96/50001	04.11.2011 16:59
1252	PN-II-RU-PRECISI-2011-3-1277	Fractional almost Kähler–Lagrange geometry	Sergiu	Vacaru	10.1007/s11071-010-9867-3	04.11.2011 17:32

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1253	PN-II-RU-PRECISI-2011-3-1278	Late Eocene sea retreat from the Tarim Basin (west China) and concomitant Asian paleoenvironmental change	Marius	Stoica	10.1016/j.paleo.2010.11.019	04.11.2011 21:52
1254	PN-II-RU-PRECISI-2011-3-1279	Viral Epidemics in a Cell Culture: Novel High Resolution Data and Their Interpretation by a Percolation Theory Based Model	Emeric	Balogh	10.1371/journal.pone.0015571	05.11.2011 17:03
1255	PN-II-RU-PRECISI-2011-3-1280	Magnetostratigraphy and radio-isotope dating of upper Miocene–lower Pliocene sedimentary successions of the Black Sea Basin (Taman Peninsula, Russia)	Marius	Stoica	10.1016/j.palaeo.2011.06.022	05.11.2011 18:56
1256	PN-II-RU-PRECISI-2011-3-1281	H - POINT STANDARD ADDITION METHOD (HPSAM) IN SIMULTANEOUS SPECTROPHOTOMETRIC DETERMINATION OF BINARY MIXTURES – OVERVIEW	Andrei	Bunaciu	10.1080/05704928.2011.570836	06.11.2011 09:21
1257	PN-II-RU-PRECISI-2011-3-1282	Accuracy of numerical simulations of contaminant transport in heterogeneous aquifers: A comparative study	Nicolae	Suciu	doi:10.1016/j.advwtres.2010.09.012	06.11.2011 11:38
1258	PN-II-RU-PRECISI-2011-3-1283	Studies on near infrared optical absorption, Raman scattering, and corresponding thermal properties of single- and double-walled carbon nanotubes for possible cancer targeting and laser-based ablation	Alexandru Radu	Biris	10.1016/j.carbon.2011.06.031	07.11.2011 08:58
1259	PN-II-RU-PRECISI-2011-3-1284	Metallic glasses from “alchemy” to pure science: Present and future of design, processing and applications of glassy metals	Axinte	Eugen	10.1016/j.matdes.2011.09.028	07.11.2011 09:04
1260	PN-II-RU-PRECISI-2011-3-1285	Deterministic fractals: Extracting additional information from small-angle scattering data	Anitas	Eugen	10.1103/PhysRevE.84.036203	07.11.2011 10:12
1261	PN-II-RU-PRECISI-2011-3-1286	Assessing the Signal Quality of an Ultrasonic Sensor on Different Conductive Yarns Used as Transmission Lines	Cristian	Irina	823GD	07.11.2011 11:05
1262	PN-II-RU-PRECISI-2011-3-1287	Romanian Beliefs and Rites of Pregnancy with Special Reference to Moldova	Adina	Ciubotariu	10.1080/0015587X.2011.608264	08.11.2011 09:10
1263	PN-II-RU-PRECISI-2011-3-1288	The effect of non-targeted cellular mechanisms on lung cancer risk for chronic, low level radon exposures	Truta	Lucia Adina	10.3109/09553002.2011.584936	08.11.2011 13:55
1264	PN-II-RU-PRECISI-2011-3-1289	Strong convergence of iterative methods by strictly pseudocontractive mappings in Banach spaces	Adrian	Petrusel	10.1016/j.na.2011.05.078	08.11.2011 13:59
1265	PN-II-RU-PRECISI-2011-3-1290	DNA-based ionic conducting membranes	Ileana	Rau	10.1063/1.3610951	08.11.2011 18:23
1266	PN-II-RU-PRECISI-2011-3-1291	Ionically conducting DNA-based membranes for electrochromic devices	Ileana	Rau	10.1016/j.synthmet.2011.08.043	08.11.2011 18:53
1267	PN-II-RU-PRECISI-2011-3-1292	Automatic Deployment of Robotic Teams An Automata Theoretic Approach	Marius	Kloetzer	10.1109/MRA.2011.942117	09.11.2011 10:19
1268	PN-II-RU-PRECISI-2011-3-1293	Removal of As(V) by Fe(III)-Loaded XAD7 Impregnated Resin Containing Di(2-ethylhexyl)Phosphoric Acid (DEHPA): Equilibrium, Kinetic, and Thermodynamic Modeling Studies	Adina	Negrea	dx.doi.org/10.1021/je200476u	09.11.2011 12:40
1269	PN-II-RU-PRECISI-2011-3-1294	Removal of chromium from Cr(VI) polluted wastewaters by reduction with scrap iron and subsequent precipitation of resulted cations	Marius Traian	Gheju	10.1016/j.jhazmat.2011.09.002	09.11.2011 18:03
1270	PN-II-RU-PRECISI-2011-3-1295	Hexavalent chromium reduction with zero-valent iron (ZVI) in aquatic systems	Marius Traian	Gheju	10.1007/s11270-011-0812-y	09.11.2011 18:46
1271	PN-II-RU-PRECISI-2011-3-1296	Personal Rapid Transit in an open-control framework	Silviu	Raileanu	10.1016/j.cie.2010.12.010	09.11.2011 19:39
1272	PN-II-RU-PRECISI-2011-3-1297	Small-signal ac response of an electrolytic cell with recombining space charge	Anca-Luiza	Ionescu	10.1016/j.physleta2011.10.018	10.11.2011 10:17
1273	PN-II-RU-PRECISI-2011-3-1298	Microstructure of Polyelectrolyte Nanoaggregates Studied by Fluorescence Probe Method	Vasilescu	Marilena	10.1007/s10895-011-0907-2	10.11.2011 12:05

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1274	PN-II-RU-PRECISI-2011-3-1299	Thermal degradation of some [1,3,4]oxadiazole derivatives with liquid crystalline properties	Lisa	Gabriela	10.1016/j.tca.2011.07.013	10.11.2011 12:31
1275	PN-II-RU-PRECISI-2011-3-1300	Dielectric and tunability properties of La-doped BaTiO3 ceramics	Lavinia-Petronela	Curecheriu	10.1016/j.jallcom.2011.08.027	10.11.2011 13:26
1276	PN-II-RU-PRECISI-2011-3-1301	One-dimensional composites based on single walled carbon nanotubes and poly(o-phenylenediamine)	Mihaela	Baibarac	10.1016/j.synthmet.2011.09.001	10.11.2011 14:42
1277	PN-II-RU-PRECISI-2011-3-1302	Mercury Determination in non- and Biodegradable materials by Cold vapor Capacitively Coupled Plasma Microtorch Atomic Emission Spectrometry	Tiberiu	Frentiu	10.1016/j.jhazmat.2011.07.031	10.11.2011 14:55
1278	PN-II-RU-PRECISI-2011-3-1303	Observational consequences of the Standard Model Higgs inflation variants	Lucia	Popa	JCAP10(2011)025	10.11.2011 15:39
1279	PN-II-RU-PRECISI-2011-3-1304	Statistical convergence of a non-positive approximation process	OCTAVIAN	AGRATINI	10.1016/j.chaos.2011.08.003	10.11.2011 16:54
1280	PN-II-RU-PRECISI-2011-3-1305	Thermal hysteresis in spin-crossover compounds studied within the mechanoelastic model and its potential application to nanoparticles	Laurentiu	Stoleriu	10.1103/PhysRevB.84.134102	10.11.2011 18:27
1281	PN-II-RU-PRECISI-2011-3-1306	Low Polarised Emission from the Core of Coronal Mass Ejections	Marilena	Mierla	10.1051/0004-6361/201016295	11.11.2011 12:20
1282	PN-II-RU-PRECISI-2011-3-1307	Linking Remote-Sensing and In Situ Observations of Coronal Mass Ejections Using STEREO	Marilena	Mierla	10.1007/s11207-011-9784-8	11.11.2011 12:43
1283	PN-II-RU-PRECISI-2011-3-1308	Rotation of an erupting filament observed by the STEREO EUVI and COR1 instruments	Marilena	Mierla	10.1051/0004-6361/201016297	11.11.2011 12:56
1284	PN-II-RU-PRECISI-2011-3-1309	On three-dimensional aspects of CMEs, their source regions and interplanetary manifestations: Introduction to special issue	Marilena	Mierla	10.1016/j.jastp.2011.01.018	11.11.2011 13:08
1285	PN-II-RU-PRECISI-2011-3-1310	On 3D reconstruction of coronal mass ejections: II. Longitudinal and latitudinal width analysis of 31 August 2007 event	Marilena	Mierla	10.1016/j.jastp.2010.11.028	11.11.2011 13:18
1286	PN-II-RU-PRECISI-2011-3-1311	An Extension of the Conventional TFR	Cornelia	Muresan	10.1007/s10680-011-9247-9	11.11.2011 13:54
1287	PN-II-RU-PRECISI-2011-3-1312	Strain fields at an interface crack in a sandwich composite	Dan Mihai	Constantinescu	10.1016/j.mechmat.2011.10.002	11.11.2011 14:47
1288	PN-II-RU-PRECISI-2011-3-1313	Synthesis and Characterization of Ag Nanoparticles and Ag-Loaded TiO2 Photocatalysts	Eniko	Gyorgy	10.1111/j.1551-2916.2011.04693.x	13.11.2011 19:18
1289	PN-II-RU-PRECISI-2011-3-1314	Synthesis and physico-chemical properties of highly conjugated azo-aromatic systems. 4-(azulen-1-yl)-pyridines with mono- and bis azo-aromatic moieties at C3-position of azulene	Victorita	Tecuceanu	10.1016/j.dyepig.2011.02.008	14.11.2011 10:08
1290	PN-II-RU-PRECISI-2011-3-1315	A Romanian energy system model and a nuclear reduction strategy	Dan	Gota	10.1016/j.energy.2011.09.029	14.11.2011 11:08
1291	PN-II-RU-PRECISI-2011-3-1316	Tailor-made MgF2-based catalysts by sol-gel synthesis	Simona	Coman	10.1002/ejic.201100539	14.11.2011 11:35
1292	PN-II-RU-PRECISI-2011-3-1317	Experimental investigations of the scanning functions of galvanometer-based scanners with applications in OCT	Virgil-Florin	Duma	10.1364/AO.50.005735	14.11.2011 13:30
1293	PN-II-RU-PRECISI-2011-3-1318	Influence of thermal treatment on beryllium/carbon formation and fuel retention	Corneliu	Porosnicu	doi:10.1016/j.jnucmat.2011.01.131	14.11.2011 15:09
1294	PN-II-RU-PRECISI-2011-3-1319	pH and heat-induced structural changes of bovine apo-alpha-lactalbumin	Nicoleta	Stănciuc	doi:10.1016/j.foodchem.2011.09.087	14.11.2011 15:36

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1295	PN-II-RU-PRECISI-2011-3-1320	Sensitivity of different Al-Si alloys to centrifugal casting effect	Georgel Maricel	Chirita	575SJ	14.11.2011 16:22
1296	PN-II-RU-PRECISI-2011-3-1321	Lipoprotein-associated phospholipase A2 activity in patients with preserved left ventricular ejection fraction	Elena	Moldoveanu	10.3109/1354750X.2011.611597	14.11.2011 17:36
1297	PN-II-RU-PRECISI-2011-3-1323	Guidelines for establishment of correlations between mechanical properties and microstructure in Al-Si alloys	Georgel Maricel	Chirita	<a href="http://dx.doi.org/10.1179/1743284710Y.0000000003">http://dx.doi.org/10.1179/1743284710Y.0000000003</a>	15.11.2011 00:35
1298	PN-II-RU-PRECISI-2011-3-1324	On the ability of producing FGMs with an AlSi12 aluminium alloy by using centrifugal casting	Georgel Maricel	Chirita	10.1504/IJMPT.2010.034258	15.11.2011 01:24
1299	PN-II-RU-PRECISI-2011-3-1325	Immobilization of Thermoanaerobium brockii alcohol dehydrogenase on SBA-15	Emil	Dumitriu	10.1007/s00449-010-0480-0	15.11.2011 12:56
1300	PN-II-RU-PRECISI-2011-3-1326	Surface-enhanced Raman spectroscopy of genomic DNA from in vitro grown plant species.	Adela	Halmagyi	DOI 10.1002/jrs.2941	15.11.2011 14:31
1301	PN-II-RU-PRECISI-2011-3-1327	Development and Force/Position Control of a New Hybrid Thermo-Piezoelectric MicroGripper Dedicated to Micromanipulation Tasks	Ioan Alexandru	Ivan	10.1109/TASE.2011.2157683	15.11.2011 14:46
1302	PN-II-RU-PRECISI-2011-3-1328	Nanodiamond crystallites embedded in carbon films prepared by thermionic vacuum arc method	Ionut	Feraru	doi:10.1016/j.diamond.2011.06.010	15.11.2011 14:57
1303	PN-II-RU-PRECISI-2011-3-1330	Distress and emotional well-being in breast cancer patients prior to radiotherapy: an expectancy-based model	Madalina	Sucala	10.1080/08870446.2011.569714	15.11.2011 23:05
1304	PN-II-RU-PRECISI-2011-3-1331	Positive findings for plasma polymer (meth)acrylate thin films in heritage protective applications	lordana	Neamtu	10.1016/j.culher.2011.03.005	16.11.2011 09:19
1305	PN-II-RU-PRECISI-2011-3-1332	Ethylene and ammonia traces measurements from the patients' breath with renal failure via LPAS method	Cristina-Mihaela	Achim	10.1007/s00340-011-4716-8	16.11.2011 12:20
1306	PN-II-RU-PRECISI-2011-3-1333	Thin films of vitronectin transferred by MAPLE	Nicolae Felix	SIMA	10.1007/s00339-011-6601-z	16.11.2011 15:12
1307	PN-II-RU-PRECISI-2011-3-1334	A low-dimensional model system for quasi-periodic plasma perturbations	Dana	Constantinescu	10.1063/1.3600209	16.11.2011 15:36
1308	PN-II-RU-PRECISI-2011-3-1335	Study of the interplay between magnetic shear and resonances using Hamiltonian models for the magnetic field lines	Dana	Constantinescu	10.1063/1.3562493	16.11.2011 16:43
1309	PN-II-RU-PRECISI-2011-3-1336	Fully developed forced convection heat transfer in a porous channel with asymmetric heat flux boundary conditions	Ioan	Pop	10.1007/s11242-011-9816-8	17.11.2011 11:14
1310	PN-II-RU-PRECISI-2011-3-1337	Convection stagnation-point flow over a vertical plate with prescribed heat flux embedded in a porous medium: Brinkman-extended Darcy formulation	Ioan	Pop	10.1007/s11242-011-9809-7	17.11.2011 11:23
1311	PN-II-RU-PRECISI-2011-3-1338	High-reflectivity II-VI-based distributed Bragg reflectors for the blue-violet spectral range	Mihai	Anastasescu	833KK	17.11.2011 15:37
1312	PN-II-RU-PRECISI-2011-3-1339	Geochemistry and tectonic development of Cenozoic magmatism in the Carpathian-Pannonian region	Ioan	Seghedi	831TT	17.11.2011 16:31
1313	PN-II-RU-PRECISI-2011-3-1340	CORRELATING THE VISIBLE LIGHT PHOTOACTIVITY OF N-DOPED TiO2 WITH BROOKITE PARTICLE SIZE AND BRIDGED - NITRO SURFACE SPECIES	VIRGINIA	DANCIU	doi:10.1016/j.catcom.2011.10.003	17.11.2011 16:41
1314	PN-II-RU-PRECISI-2011-3-1341	Dynamic model for tritium transfer in an aquatic food chain	Anca	Melintescu	10.1007/s00411-011-0362-0	17.11.2011 16:43
1315	PN-II-RU-PRECISI-2011-3-1342	Deterministic and non-deterministic switching in chains of magnetic hysteron	Radu	Tanasa	10.1088/0953-8984/23/42/426002	17.11.2011 17:29

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1316	PN-II-RU-PRECISI-2011-3-1343	Multistability in impulsive hybrid Hopfield neural networks with distributed delays	Eva	Kaslik	10.1016/j.nonrwa.2010.10.018	18.11.2011 08:49
1317	PN-II-RU-PRECISI-2011-3-1344	The miR-290-295 cluster promotes pluripotency maintenance by regulating cell cycle phase distribution in mouse embryonic stem cells	Pall	Emoke	10,1016	18.11.2011 09:10
1318	PN-II-RU-PRECISI-2011-3-1345	Surface changes upon high-frequency plasma treatment of heritage photographs	AURELIA	IOANID	10.1016/j.culher.2011.04.002	18.11.2011 11:47
1319	PN-II-RU-PRECISI-2011-3-1346	Multitime dynamic programming for curvilinear integral actions	Constantin	Udriste	DOI 10.1007/s10957-010-9664-7	18.11.2011 12:23
1320	PN-II-RU-PRECISI-2011-3-1347	An abstract setting for hamiltonian actions	Cornelia	Vizman	10.1007/s00605-009-0167-2	18.11.2011 12:36
1321	PN-II-RU-PRECISI-2011-3-1348	Riemannian convexity of functionals	Constantin	Udriste	DOI 10.1007/s10898-011-9702-5	18.11.2011 12:57
1322	PN-II-RU-PRECISI-2011-3-1349	Abelian extensions via prequantization	Cornelia	Vizman	10.1007/s10455-010-9237-x	18.11.2011 13:12
1323	PN-II-RU-PRECISI-2011-3-1350	An unusual brachiopod assemblage in a Late Jurassic (Kimmeridgian) stromatactis mud-mound of the Eastern Carpathians (Haghimas Mountains), Romania	Iuliana	Lazar	10.1007/s10347-010-0261-x	18.11.2011 13:31
1324	PN-II-RU-PRECISI-2011-3-1351	Interactions and reversal-field memory in complex magnetic nanowire arrays	Aurelian	Rotaru	10.1103/PhysRevB.84.134431	18.11.2011 13:36
1325	PN-II-RU-PRECISI-2011-3-1352	Single pulse near field study on a Co(3 nm)/Cu(6 nm)/Co(20 nm) multilayer structure by using a femtosecond laser	Magdalena	Ulmeanu	10.1007/s00339-011-6423-z	18.11.2011 13:53
1326	PN-II-RU-PRECISI-2011-3-1353	Dynamic changes on the surface during the calcination of rapid heat treated TiO2 photocatalysts	VIRGINIA	DANCIU	doi:10.1016/j.apcatb.2011.11.012	18.11.2011 16:06
1327	PN-II-RU-PRECISI-2011-3-1354	Polaronic transport in TiO2 thin films with increasing Nb content	DIANA MIHAELA	MARDARE	dx.doi.org/10.1080/14786435.2011.623143	18.11.2011 16:09
1328	PN-II-RU-PRECISI-2011-3-1355	The influence of long range interparticle correlations on the magnetically induced optical anisotropy in magnetic colloids	Vlad-Mircea	Socoliuc	doi:10.1016/j.physa.2010.10.044	18.11.2011 16:10
1329	PN-II-RU-PRECISI-2011-3-1356	Asymmetries influence on critical curves of the synthetic antiferromagnetic structures structures in magnetic random access memory	Iosif Iulian	Petrila	10.1016/j.commat.2011.07.020	19.11.2011 12:37
1330	PN-II-RU-PRECISI-2011-3-1357	New Link between Conceptual Density Functional Theory and Electron Delocalization	Mihai Viorel	Putz	10.1021/jp200731d	19.11.2011 14:50
1331	PN-II-RU-PRECISI-2011-3-1358	Systematic study of proton-neutron pairing correlations in the nuclear shell model	Nicolae	Sandulescu	10,1103	19.11.2011 16:20
1332	PN-II-RU-PRECISI-2011-3-1359	Existence results for proper efficient solutions of vector equilibrium problems and applications	Adela	Capătă	10.1007/s10898-011-9649-6	20.11.2011 17:50
1333	PN-II-RU-PRECISI-2011-3-1360	Construction of the ef-based Runge-Kutta methods revised	LIVIU	IXARU	10.1016/j.cpc.2010.10.009	21.11.2011 12:03
1334	PN-II-RU-PRECISI-2011-3-1361	The use of polyfunctional monomers in the radical cure of chlorinated polyethylene	Maria Daniela	Stelescu	10.1038/pj.2011.53	21.11.2011 16:03
1335	PN-II-RU-PRECISI-2011-3-1362	Neural networks applied in chemistry. I. Determination of the optimal topology of multilayer perceptron neural networks	Silvia	Curteanu	10.1002/cem.1401	21.11.2011 21:02
1336	PN-II-RU-PRECISI-2011-3-1363	Heating rate effects on reverse martensitic transformation in a Cu–Zn–Al shape memory alloy	Leandru-Gheorghe	BUJOREANU	10.3139/146.110595	22.11.2011 10:59

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1337	PN-II-RU-PRECISI-2011-3-1364	Crystallization of Disordered Nanosized ZnO Formed by Thermal Decomposition of Nanocrystalline Hydrozincite	Vasile Sergiu	Nistor	10.1021/cg2009286	22.11.2011 11:59
1338	PN-II-RU-PRECISI-2011-3-1365	Cost Reduction of the Wastewater Treatment Plant operation by MPC based on modified ASM1 with two-step nitrification/denitrification model	george simion	ostace	10.1016/j.compchemeng.2011.03.031	22.11.2011 13:05
1339	PN-II-RU-PRECISI-2011-3-1366	Matrix-assisted pulsed laser evaporation of chemoselective polymers	Valentina	Dinca	10.1007/s00339-011-6624-5	22.11.2011 13:32
1340	PN-II-RU-PRECISI-2011-3-1367	Monte Carlo simulation of the two-dimensional Potts model using nonextensive statistics	Attila	Boer	doi:10.1016/j.physa.2011.07.027	22.11.2011 20:23
1341	PN-II-RU-PRECISI-2011-3-1369	Toxoplasma gondii in Romanian household cats: Evaluation of serological tests, epidemiology and risk factors	Adriana	GYORKE	10.1016/j.prevetmed.2011.07.015	22.11.2011 22:11
1342	PN-II-RU-PRECISI-2011-3-1370	Traces of radioactive (131)I in rainwater and milk samples in Romania	Bogdan	Mitrica	826CB	23.11.2011 11:21
1343	PN-II-RU-PRECISI-2011-3-1371	More effective antimicrobial mastoparan derivatives, generated by 3D-QSAR-Almond and computational mutagenesis	Adina	Milac	10.1039/C1MB05297G	23.11.2011 13:31
1344	PN-II-RU-PRECISI-2011-3-1372	Transient dynamics of the wavy regime in Taylor–Couette geometry	Corneliu	Balan	doi:10.1016/j.euromechflu.2011.07.003	23.11.2011 15:19
1345	PN-II-RU-PRECISI-2011-3-1373	Beyond the MSSM Higgs with d=6 effective operators.	Dumitru	Ghilencea	doi:10.1016/j.nuclphysb.2011.02.005	23.11.2011 21:13
1346	PN-II-RU-PRECISI-2011-3-1374	Sol-gel based alumina powders with catalytic applications	Dorel	Crisan	DOI:10.1016/j.apsusc.2011.08.104	24.11.2011 12:30
1347	PN-II-RU-PRECISI-2011-3-1375	A set-valued Egoroff type theorem	Alina	Gavrilit	10.1016/j.fss.2011.02.018	24.11.2011 13:40
1348	PN-II-RU-PRECISI-2011-3-1376	Romania	Razvan	Zaharia	10.1111/j.1475-6765.2010.01970.x	24.11.2011 13:44
1349	PN-II-RU-PRECISI-2011-3-1377	Silver effect on the structure of SiO2-CaO-P2O5 ternary system	Lucian	Baia	doi:10.1016/j.msec.2011.10.015	24.11.2011 15:45
1350	PN-II-RU-PRECISI-2011-3-1378	LEAD-FREE FERROELECTRIC BATIO3 DOPED-(NA0.5BI0.5)TIO3 THIN FILMS PROCESSED BY PULSED LASER DEPOSITION TECHNIQUE	Dragoi	Cristina	10.1016/j.apsusc.2011.06.075	24.11.2011 17:01
1351	PN-II-RU-PRECISI-2011-3-1379	Ba(Ti1-xSnx)O3 (x=0.13) nanomaterials produced by Low-Temperature Aqueous Synthesis	Marin	Cernea	10.1016/j.jallcom.2011.07.101	24.11.2011 17:30
1352	PN-II-RU-PRECISI-2011-3-1380	On the cardinalities of Kronecker quiver Grassmannians	Csaba	Szanto	10.1007/s00209-010-0762-x	24.11.2011 20:25
1353	PN-II-RU-PRECISI-2011-3-1381	Left atrial function: pathophysiology, echocardiographic assessment, and clinical applications.	Bogdan Alexandru	Popescu	10.1136/heartjnl-2011-300069	25.11.2011 09:48
1354	PN-II-RU-PRECISI-2011-3-1382	Lipase mediated sequential resolution of aromatic beta-hydroxy esters using fatty acid derivatives	CSABA	PAIZS	10.1016/j.tetasy.2011.09.005	25.11.2011 10:58
1355	PN-II-RU-PRECISI-2011-3-1383	Micromorphic elastic solids with initial stresses and initial heat flux	Dorin	iesan	10.1016/j.ijengsci.2011.02.007	25.11.2011 11:19
1356	PN-II-RU-PRECISI-2011-3-1384	Numerical study of the influence of melt convection on the crucible dissolution rate in a silicon directional solidification process	Alexandra	Popescu	10.1016/j.ijheatmasstransfer.2011.07.037	25.11.2011 11:57
1357	PN-II-RU-PRECISI-2011-3-1385	The influence of short time heat treatment on the structural and magnetic behaviour of Nd2Fe14B/ $\alpha$ -Fe nanocomposite obtained by mechanical milling	Viorel	Pop	10.1016/j.jallcom.2011.08.002	25.11.2011 12:46

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1358	PN-II-RU-PRECISI-2011-3-1386	Synthesis and Characterization of Water-Dispersible, Superparamagnetic Single-Wall Carbon Nanotubes Decorated with Iron Oxide Nanoparticles and Well-Defined Chelating Diblock Copolymers	Rodica Paula	Turcu	DOI: 10.1002/polb.22322	25.11.2011 14:08
1359	PN-II-RU-PRECISI-2011-3-1387	Cholesterol depletion of hepatoma cells impairs hepatitis B virus envelopment by altering the topology of the large envelope protein.	alina	macovei	10.1128/JVI.05423-11	25.11.2011 15:06
1360	PN-II-RU-PRECISI-2011-3-1388	Cystic echinococcosis in the human population of a western Romanian county, 2004-2010	Raul	Neghina	10.1111/j.1469-0691.2011.03633.x	25.11.2011 15:52
1361	PN-II-RU-PRECISI-2011-3-1389	The Belotinac section (Southern Serbia) at the southern limit of the European loess belt: Initial results	Stefan	Vasiliniuc	10.1016/j.quaint.2011.02.022	25.11.2011 17:28
1362	PN-II-RU-PRECISI-2011-3-1390	On the divergence of the auroral electrojets	Octav	Marghitu	10.1029/2011JA016789	25.11.2011 17:51
1363	PN-II-RU-PRECISI-2011-3-1391	Non-linear MSSM.	Dumitru	Ghidencea	doi:10.1016/j.nuclphysb.2010.08.002	26.11.2011 17:40
1364	PN-II-RU-PRECISI-2011-3-1392	Intracellular angiotensin II activates rat myometrium	ANDREI ADRIAN	TICA	813AX	27.11.2011 18:28
1365	PN-II-RU-PRECISI-2011-3-1393	Finite group algebras of nilpotent groups: A complete set of orthogonal primitive idempotents	Gabriela	Olteanu	doi:10.1016/j.ffa.2010.10.005	27.11.2011 21:21
1366	PN-II-RU-PRECISI-2011-3-1394	Solving a weak NP-complete problem in polynomial time by using mutual mobile membrane systems	Aman	Bogdan	10.1007/s00236-011-0144-9	28.11.2011 09:01
1367	PN-II-RU-PRECISI-2011-3-1395	Novel Graphene-Gold Nanoparticle Modified Electrodes for the High Sensitivity Electrochemical Spectroscopy Detection and Analysis of Carbamazepine	Stela Maria	Pruneanu	10.1021/jp206945e	28.11.2011 10:33
1368	PN-II-RU-PRECISI-2011-3-1396	Understanding of electrochemical and structural changes of polypyrrole/polyethylene glycol composite films in aqueous solution	Cristian	Pirvu	10.1016/j.electacta.2011.08.061	28.11.2011 11:52
1369	PN-II-RU-PRECISI-2011-3-1397	Interplay between gold nanoparticle biosynthesis and metabolic activity of cyanobacterium Synechocystis sp. PCC 6803	Monica	Focsan	10.1088/0957-4484/22/48/485101	28.11.2011 12:15
1370	PN-II-RU-PRECISI-2011-3-1398	Molecular data and species distribution models reveal the Pleistocene history of the mayfly Ameletus inopinatus (Ephemeroptera: Siphonuridae)	Balint	Miklos	10.1111/j.1365-2427.2011.02681.x	28.11.2011 12:47
1371	PN-II-RU-PRECISI-2011-3-1399	Chitosan-coated triangular silver nanoparticles as a novel class of biocompatible, highly effective photothermal transducers for in vitro cancer cell therapy	Boca	Sanda	10.1016/j.canlet.2011.06.022	28.11.2011 13:32
1372	PN-II-RU-PRECISI-2011-3-1400	Assessment of the Molecular Expression and Structure of Gangliosides in Brain Metastasis of Lung Adenocarcinoma by an Advanced Approach Based on Fully Automated Chip-Nanoelectrospray Mass Spectrometry	Corina	Flangea	DOI: 10.1007/s13361-011-0250-5	28.11.2011 14:06
1373	PN-II-RU-PRECISI-2011-3-1401	New approaches concerning the utilization of natural amendments in cadmium phytoremediation	ALINA	STINGU	10.1016/j.indcrop.2011.06.005	28.11.2011 14:35
1374	PN-II-RU-PRECISI-2011-3-1402	Localization and anharmonicity of the vibrational modes for GC Watson–Crick and Hoogsteen base pairs	Attila	Bende	10.1007/s00894-011-1002-y	28.11.2011 15:44
1375	PN-II-RU-PRECISI-2011-3-1403	Gating of high-order harmonics generated by incommensurate two-color mid-IR laser pulses	Katalin	Kovacs	10.1002/lapl.201110082	28.11.2011 15:52
1376	PN-II-RU-PRECISI-2011-3-1404	Study of Polyethylene Nanolayers by Evanescent Light Microscopy	Andrei	Popescu	10.1007/s00339-011-6504-z	28.11.2011 17:59
1377	PN-II-RU-PRECISI-2011-3-1405	New group 11 complexes with metal – selenium bonds of methylidiphenylphosphane selenide: a solid state, solution and theoretical investigation	Alexandra	Pop	10.1039/C1DT11268F	28.11.2011 18:58
1378	PN-II-RU-PRECISI-2011-3-1406	A novel polymer inclusion membrane applied in chromium (VI) separation from aqueous solutions	Gherasim	Cristina-Veronica	10.1016/j.jhazmat.2011.09.082	28.11.2011 19:27



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1379	PN-II-RU-PRECISI-2011-3-1407	Static and dynamic magnetic properties of epitaxial Co <sub>2</sub> FeAl Heusler alloy thin films	Mihai	Gabor	10.1063/1.3549581	28.11.2011 19:39
1380	PN-II-RU-PRECISI-2011-3-1408	Synthesis, crystal structure and thermal decomposition study of a new barium acetato-propionate complex	Mos	Ramona	10.1016/j.jaap.2011.08.007	29.11.2011 10:58
1381	PN-II-RU-PRECISI-2011-3-1409	Synthesis, crystal structure and thermal decomposition of a new copper propionate [Cu(CH <sub>3</sub> CH <sub>2</sub> COO) <sub>2</sub> ]-2H <sub>2</sub> O	Mircea	Nasui	10.1016/j.jaap.2011.08.005	29.11.2011 11:00
1382	PN-II-RU-PRECISI-2011-3-1410	Spectroscopic characteristics of Dy <sup>3+</sup> doped Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> transparent ceramics	Cristina	Gheorghe	10.1063/1.3656718	29.11.2011 11:40
1383	PN-II-RU-PRECISI-2011-3-1411	Simultaneous analysis of four sulfonamides in chicken muscle tissue by HPLC	Carmen Lidia	Chitescu	10.1080/19440049.2011.577098	29.11.2011 14:51
1384	PN-II-RU-PRECISI-2011-3-1412	On two triality results	Constantin	Zalinescu	10.1007/s11081-010-9134-y	29.11.2011 16:11
1385	PN-II-RU-PRECISI-2011-3-1413	Polypyrrole/carbon nanotube composites: Molecular modeling and experimental investigation as anti-corrosive coating	Mariana	Ionita	10.1016/j.porgcoat.2011.07.007	29.11.2011 19:40
1386	PN-II-RU-PRECISI-2011-3-1414	Magnetic and structural anisotropies of Co <sub>2</sub> FeAl Heusler alloy epitaxial thin films	Mihai	Gabor	10.1103/PhysRevB.84.134413	29.11.2011 20:06
1387	PN-II-RU-PRECISI-2011-3-1415	Groundwater dependent ecosystems. Part I: Hydroecological status and trends	Elena	Preda	10.1016/j.envsci.2011.04.002	30.11.2011 11:07
1388	PN-II-RU-PRECISI-2011-3-1416	On the determination of vortex creep parameters in superconductors using standard magnetization relaxation data	Lucica	Miu	10.1088/0953-2048/24/9/095005	30.11.2011 11:45
1389	PN-II-RU-PRECISI-2011-3-1417	Structural and chemical evolution of propionate based metal-organic precursors for superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> epitaxial film growth	Mos	Ramona	10.1088/0953-2048/24/11/115008	30.11.2011 12:12
1390	PN-II-RU-PRECISI-2011-3-1418	Corrosion behaviour of a new Ti-6Al-2Nb-1Ta alloy in various solutions	Cora	Vasilescu	10.1002/maco.201006041	30.11.2011 12:12
1391	PN-II-RU-PRECISI-2011-3-1419	Structural study of xK <sub>2</sub> O.(100 - x)[P <sub>2</sub> O <sub>5</sub> .CaO] glass system	ADRIANA	REGOS	10.1007/s10853-011-5692-4	30.11.2011 12:13
1392	PN-II-RU-PRECISI-2011-3-1420	Novel low temperature synthesis method for nanocrystalline zinc and magnesium chromites	Mircea	Stefanescu	10.1016/j.tca.2011.09.005	30.11.2011 12:53
1393	PN-II-RU-PRECISI-2011-3-1421	Cellulose Fiber-Reinforced Polylactic Acid	Denis Michaela	Panaitescu	10.1002/pc.21116	30.11.2011 13:53
1394	PN-II-RU-PRECISI-2011-3-1422	Simultaneous effects of dielectric mismatch and electric field on the electronic properties in Si nanodots	Ecaterina Cornelia	Niculescu	10.1140/epjb/e2011-20411-8	30.11.2011 17:02
1395	PN-II-RU-PRECISI-2011-3-1423	Groundwater dependent ecosystems. Part II. Ecosystem services and management in Europe under risk of climate change and land use intensification	Elena	Preda	10.1016/j.envsci.2011.04.005	30.11.2011 17:13
1396	PN-II-RU-PRECISI-2011-3-1424	Interface controlled photovoltaic effect in epitaxial Pb(Zr,Ti)O <sub>3</sub> films with tetragonal structure	Lucian	Pintilie	10.1063/1.3624738	30.11.2011 17:41
1397	PN-II-RU-PRECISI-2011-3-1425	The Archaic Time Perception in the Modern Times. An Ethnological Approach towards a Religious Minority	Ioana-Otilia	Repciuc	546 514	30.11.2011 20:20
1398	PN-II-RU-PRECISI-2011-3-1426	Torsional Behaviour of the Ship Hull Composite Model	Ionel	Chirica	10.1016/j.commat.2010.08.012	30.11.2011 21:00
1399	PN-II-RU-PRECISI-2011-3-1427	Buckling Analysis of the Composite Plates with Delaminations	Beznea	Elena-Felicia	10.1016/j.commat.2010.08.004	30.11.2011 21:05



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1400	PN-II-RU-PRECISI-2011-3-1428	Structural changes in thin films of yttria-stabilized zirconia irradiated with uranium ions in the electronic stopping regime	Ruxandra	Birjega	10.1016/j,nucmat.2010.12.032	30.11.2011 21:15