

Programul RESURSE UMANE_Proiecte de cercetare postdoctorala_Competitie 2012
Rezultate preliminare - Chimie

Nr. Crt.	cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
1	PN-II-RU-PD-2012-3-0528	Chimie	Popescu	Delia-Laura	University of Bucharest	Development of Novel Tunable Porous Materials: Design, Synthesis, Characterization, and Applications	93,67
2	PN-II-RU-PD-2012-3-0177	Chimie	Alexandru	Maria-Gabriela	University of Bucharest	Photo-switchable heterometallic complexes. Toward light-controlled Single-Molecule and Single-Chain Magnet behavior	92,12
3	PN-II-RU-PD-2012-3-0336	Chimie	Olaru	Andreea Gabriela	International Centre of Biodynamics	Label free detection of toxins using dual optical and electrical biosensing assays - DETOX	90,50
4	PN-II-RU-PD-2012-3-0063	Chimie	Isabela Costinela	Man	University of Bucharest	Heterogeneous catalysts for biodiesel production through a new route: interesterification reaction. Theoretical and experimental approach	86,33
5	PN-II-RU-PD-2012-3-0130	Chimie	Preda	Loredana	Institute of Physical Chemistry Ilie Murgulescu of the Romanian Academy	Electrochemical surface modification using a predefined molecular pattern	84,67
6	PN-II-RU-PD-2012-3-0035	Chimie	Movileanu	Codina	Ilie Murgulescu Institute of Physical Chemistry	Study of explosion propagation in elongated closed vessels	84,50
7	PN-II-RU-PD-2012-3-0086	Chimie	Toader	Ana Maria	Institute of Physical Chemistry Ilie Murgulescu	Electrochemical properties of the glutathione-covered Cu(hkl)electrodes	83,83
8	PN-II-RU-PD-2012-3-0466	Chimie	Leostean	Cristian	National Institute for Research and Development of Isotopic and Molecular Technologies	Improvement of magnetometry techniques applied to superparamagnetic and bimagnetic nanoparticles	83,83
9	PN-II-RU-PD-2012-3-0059	Chimie	Popescu	Irina	Petru Poni Institute of Macromolecular Chemistry, Iasi	Stimuli-responsive micro-/ nano-particles based on maleic copolymers with biomedical applications	82,32
10	PN-II-RU-PD-2012-3-0209	Chimie	Covaci	Ovidiu-Ilie	University of Bucharest	Development and characterization of some (micro)enzymatic fuel cells based on direct electron transfer	82,16
11	PN-II-RU-PD-2012-3-0263	Chimie	LUNGU	Anamaria	National Institute of Research and Development in Chemistry and Petrochemistry ICECHIM	New superabsorbent hydrogel nanocomposites structures containing organophilized kaolinite for controlled release systems of fertilizers in agriculture	81,81
12	PN-II-RU-PD-2012-3-0056	Chimie	Tigoianu	Radu Ionut	"Petru Poni" Institute of Macromolecular Chemistry, Iasi	Processes of fluorescence quenching to obtain sensors for detection of toxic environments	80,50
13	PN-II-RU-PD-2012-3-0276	Chimie	Candu	Natalia	National Institute of Materials Physics	Exhaustive characterisation of new catalysts for synthesis of benzophenones via benzoylation	80,33
14	PN-II-RU-PD-2012-3-0160	Chimie	Caprarescu	Simona	"Ilie Murgulescu" Institute of Physical Chemistry	Environment-Sensitive Supramolecular Assemblies.Synthesis and characterization by electrochemical and spectroscopic methods.	78,83
15	PN-II-RU-PD-2012-3-0655	Chimie	Acsente	Tomy	National Institute for Laser, Plasma and Radiation Physics	Optical emission and laser absorption spectroscopy diagnostics during plasma deposition of metal carbon composites and multilayer structures	78,16
16	PN-II-RU-PD-2012-3-0302	Chimie	lordache	Petrisor Zamora	University POLITEHNICA of Bucharest, Center for Surface Science and Nanotechnology	NEW APPROACHES TO WASTE TREATMENT AND EXPLOITATION	77,33

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17	PN-II-RU-PD-2012-3-0119	Chimie	Radulescu	Maria-Cristina	National Institute of Research & Development for Biological Sciences	The design of a new biosensor for flow analysis of aspartame in food	77,17
18	PN-II-RU-PD-2012-3-0028	Chimie	Mic	Mihaela	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT OF ISOTOPIC AND MOLECULAR TECHNOLOGIES	Interaction of some non-steroidal anti-inflammatory agents with human serum albumin studied by spectroscopic and calorimetric techniques	76,18
19	PN-II-RU-PD-2012-3-0390	Chimie	Nemtanu	Monica-Roxana	National Institute for Laser, Plasma and Radiation Physics Bucharest	Rheological Approach for Evaluation of 'Power Window' Effect Induced by Microwave and Combined 'Electron Beam-Microwave' on Starch	75,33
20	PN-II-RU-PD-2012-3-0291	Chimie	Olariu	Marius Andrei	"Petru Poni" Institute of Macromolecular Chemistry	Study of electrode polarization on polymer based nanocomposites with tailored dielectric properties	75,00
21	PN-II-RU-PD-2012-3-0506	Chimie	lordache	Tanta-Verona	The National Institute for Research & Development in Chemistry and Petrochemistry ICECHIM	A novel tool for selective separation and detection of phospholipase A2 from bee venom via molecularly imprinted solid phase extraction	74,98
22	PN-II-RU-PD-2012-3-0076	Chimie	Andreia	Tache	The National Institute of R&D for Biological Sciences Bucharest	Development of a novel analytical method (MALDI-ToF) for protein structural modifications of blood biomarkers	74,86
23	PN-II-RU-PD-2012-3-0502	Chimie	Mihai	Felicia	Horia Hulubei National Institute of Physics and Nuclear Engineering	Improvement of the accuracy in low radiation dosimetry and perspectives by introduction of new physico-chemical methods in radiation dose measurement	74,67
24	PN-II-RU-PD-2012-3-0125	Chimie	Crisan	Manuela	INSTITUTUL DE CHIMIE AL ACADEMIEI ROMANE	New protic ionic liquids: design, synthesis and novel applications as antimicrobial agents and plant growth regulators	73,83
25	PN-II-RU-PD-2012-3-0173	Chimie	Jerca	Valentin Victor	Institutul de Chimie Fizica "Ilie Murgulescu"	Oxazoline based photo-responsive azo-polymers for optical applications	73,50
26	PN-II-RU-PD-2012-3-0273	Chimie	Dumitrescu	Anca Mihaela	Universitatea "Alexandru Ioan Cuza" din Iasi	Using three-dimensional polymers to obtain of ferrites with highly organized structure for medicine applications	73,34
27	PN-II-RU-PD-2012-3-0256	Chimie	Calborean	Adrian	National Institute for Research and Development of Isotopic and Molecular Technologies	Nanoscale Switchable Devices Manufacture by Dip Pen Nanolithography.	73,33
28	PN-II-RU-PD-2012-3-0087	Chimie	ANTOCI	VASILICHIA	Institute of Macromolecular Chemistry Petru Poni,Iasi	NEW AZAHETEROCYCLIC DERIVATIVES OBTAINED THROUGH ECOLOGICAL FRIENDLY METHODS	73,00
29	PN-II-RU-PD-2012-3-0107	Chimie	GRAMA	SILVIA	Alexandru Ioan Cuza University	Photosensitive polymeric micelles based on azobenzenic groups as drug delivery systems	72,84
30	PN-II-RU-PD-2012-3-0621	Chimie	Negut	Constantin-Daniel	Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara "Horia Hulubei"	EPR Spectroscopy and Colorimetry provenance study of marble and limestone artefacts	72,66
31	PN-II-RU-PD-2012-3-0196	Chimie	Dontu	Ionela Simona	National Institute of R&D for Optoelectronics INOE 2000	DEVELOPMENT OF AN OPTICAL METHOD FOR NON-INVASIVE DETERMINATION OF MOLECULES OF BIOLOGICAL INTEREST BASED ON DIFFUSE REFLECTANCE MEASUREMENTS	71,34
32	PN-II-RU-PD-2012-3-0243	Chimie	Diaconu	Mirela	National Institute of Research and Development for Biological Sciences	Innovative microbiosensor for catecholamine neurotransmitters analysis	71,17

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33	PN-II-RU-PD-2012-3-0009	Chimie	Pogacean	Florina	National Institute for Research and Development for Isotopic and Molecular Technologies	Electrochemical Detection of Indapamide using Electrodes Modified with Hybrid Materials	71,15
34	PN-II-RU-PD-2012-3-0327	Chimie	Resmerita	Ana-Maria	"Petru Poni" Institute of Macromolecular Chemistry	Supramolecular assemblies: A new class of receptors for cationic and neutral guests	70,99
35	PN-II-RU-PD-2012-3-0027	Chimie	PIRNAU	ADRIAN	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT OF ISOTOPIC AND MOLECULAR TECHNOLOGIES	Cyclodextrin – bioligand inclusion complexes studied by spectroscopic techniques(NMR, UV/VIS and Fluorescence)	69,50
36	PN-II-RU-PD-2012-3-0106	Chimie	Grosu	Ioana -Georgeta	National Institute for Research and Development of Isotopic and Molecular Technologies	New Solid Forms Screening of New Generations Antihistamines Using High - Throughput Techniques.	69,33
37	PN-II-RU-PD-2012-3-0265	Chimie	DAMIAN	Celina Maria	Institutului Național de Cercetare - Dezvoltare pentru Chimie și Petrochimie ICECHIM București	Synthesis of fluoroepoxy nanocomposites reinforced with functionalized carbon nanotubes for high performance coatings	69,16
38	PN-II-RU-PD-2012-3-0030	Chimie	Buimaga-larinca	Luiza	National Institute for Research and Development of Isotopic and Molecular Technologies INCDTIM Cluj-Napoca	Computational study of the electronic structure in novel organic TOT- derivatives based batteries	68,17
39	PN-II-RU-PD-2012-3-0530	Chimie	Mitran	Raul - Augustin	Universitatea Alexandru Ioan Cuza	Synthesis of macrocycles using dendritic structures. Novel photoswitchable macrocyclic architectures	67,66
40	PN-II-RU-PD-2012-3-0082	Chimie	MANTU	DORINA	INSTITUTE OF MACROMOLECULAR CHEMISTRY PETRU PONI, IASI	NEW BIS-AZAHETEROCYCLIC DERIVATIVES WITH BIOACTIVE PROPERTIES	67,51
41	PN-II-RU-PD-2012-3-0524	Chimie	Luca	Alina	Institute of Macromolecular Chemistry "Petru Poni" Iasi	Photo-sensitive azo-polymers for nano-structured surfaces	66,99
42	PN-II-RU-PD-2012-3-0271	Chimie	Ciripoiu	Anita-laura	The National Institute for Research & Development in Chemistry and Petrochemistry	NEW SUPRAMOLECULAR STRUCTURES FOR PERFORMANT APPLICATIONS OBTAINED BY HOST-GUEST POLYMERIZATION IN POROUS INORGANIC COMPOUNDS	65,50
43	PN-II-RU-PD-2012-3-0132	Chimie	PETROVICIU	IRINA	NATIONAL MUSEUM OF ROMANIAN HISTORY	New analytical strategies for the identification of natural dyes in textiles from Romanian collections	65,34
44	PN-II-RU-PD-2012-3-0066	Chimie	Anca Mihaela	Bulearca	SC Natural Research Ltd Company, Bioboron Research Institute	The use of calcium fructoborate mono- and di- esters as dietary supplements and chemoprevention agents	64,50
45	PN-II-RU-PD-2012-3-0032	Chimie	Albu	Camelia	National Institute for Biological Sciences, Bucharest	Novel algorithm based on vitamin-like biomarkers used for the identification of incipient pathological states	64,17
46	PN-II-RU-PD-2012-3-0274	Chimie	Neagu	Elena	National Institute for Research-Development of Biological Sciences	Immobilisation of phytosterols from indigenous medicinal plants processed by membrane processes on new biopolymeric supports	61,50
47	PN-II-RU-PD-2012-3-0278	Chimie	Segneanu	Adina Elena	National Institute of Research and Development for Electrochemistry and Condensed Matter Timisoara	Design of a new synthetic strategy for naturally bioactive compounds with immunomodulating activity	59,66
48	PN-II-RU-PD-2012-3-0031	Chimie	Vasilescu	Ioana	Institutul National de Cercetare Dezvoltare pentru Stiinte Biologice, Bucuresti	Nanostructured Cerium Oxides architectures used in development of new analytical tools with targeted functionality	51,67