

Programul RESURSE UMANE_Proiecte de Cercetare pentru Stimularea Constituirii de Tinere Echipe de Cercetare Independente_Competitie 2012
Rezultate preliminare_Chimie

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlul	Punctaj Final
1	PN-II-RU-TE-2012-3-0227	Chimie	Szabo	Laszlo	Babes-Bolyai University	NANO-BIOSENSING OF ATHEROSCLEROSIS AND THROMBOSIS BY SURFACE ENHANCED SPATIAL OFFSET RAMAN SPECTROSCOPY (SESORS)	92.34
2	PN-II-RU-TE-2012-3-0169	Chimie	Vasilescu	Cora	Institute of Physical Chemistry "Ilie Murgulescu" of Romanian Academy	Development of innovative methods for osseointegrative biofunctionalization of new titanium bioalloys surfaces	89.16
3	PN-II-RU-TE-2012-3-0123	Chimie	Serbezeanu	Diana	"Petru Poni" Institute of Macromolecular Chemistry	Phosphorus-containing polymers for high performance materials used in advanced technologies and/or biomedical applications	87.58
4	PN-II-RU-TE-2012-3-0036	Chimie	Angelescu	Daniel	Institute of Physical Chemistry I.G. Murgulescu Romanian Academy	Structure, association and phase stability of complexes containing charged (bio)macromolecules investigated by Monte Carlo simulations	86.50
5	PN-II-RU-TE-2012-3-0390	Chimie	Stefanescu	Carmen-Alina	National Institute for R&D in Electrical Engineering ICPE-CA	Rationally designed coordination polymers as precursors for oxide nanomaterials	85.67
6	PN-II-RU-TE-2012-3-0422	Chimie	Maxim	Catalin	University of Bucharest	Chiral building-blocks in designing molecular magnetic materials	84.34
7	PN-II-RU-TE-2012-3-0182	Chimie	Coman	Vasile	Universitatea Babes-Bolyai	Electronic tongue for the detection of some potentially harmful additives in processed meat	82.67
8	PN-II-RU-TE-2012-3-0061	Chimie	Cojocaru	Bogdan Eugen	University of Bucharest	NEW NANO-BASED CATALYSTS FOR THE HETEROGENEOUS CATALYTIC EPOXIDATION OF VEGETABLE OILS	81.67
9	PN-II-RU-TE-2012-3-0201	Chimie	Apostolescu	Nicolae	"Gheorghe Asachi" Technical University of Iasi	Neural network assisted for unconventional non-destructive analysis of paper and documents which belong to cultural heritage	81.66
10	PN-II-RU-TE-2012-3-0358	Chimie	Todea	Milica	Babes-Bolyai University	Synthesis and characterization of some calcium-phosphate particles/silica and silicitanate gel biocomposites for bone tissue engineering	80.99
11	PN-II-RU-TE-2012-3-0203	Chimie	SECUIANU	CATINCA	POLTEHNICA UNIVERSITY OF BUCHAREST (UNIVERSITATEA POLITEHNICA DIN BUCURESTI)	Phase equilibria and thermophysical properties of fluid mixtures: a starting point for developing green chemical processes	80.50
12	PN-II-RU-TE-2012-3-0093	Chimie	BOGDAN	DIANA-SPERANTA	National Institute for Research and Development of Isotopic and Molecular Technologies	Amino acids self-assembly mechanisms on silver surfaces via DFT calculations	79.50
13	PN-II-RU-TE-2012-3-0137	Chimie	Lupan	Alexandru	Babes-Bolyai University	Polymetallaboranes: Intermediates Between Polyhedral Boranes and Metal Clusters	78.50
14	PN-II-RU-TE-2012-3-0267	Chimie	Petrar	Petronela Maria	Universitatea Babes-Bolyai, Facultatea de Chimie si Inginerie Chimica, Departamentul de Chimie Anorganica	Heterometallsiloxanes: Bridging Group 14 Elements and Transition Metals through Siloxanic Units	78.50
15	PN-II-RU-TE-2012-3-0141	Chimie	GURBAN	ANA-MARIA	UNIVERSITY OF BUCHAREST	NANOHYBRID BASED ELECTROCHEMICAL SENSORS FOR XENOESTROGENS DETECTION	78.00

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16	PN-II-RU-TE-2012-3-0142	Chimie	Vlad-Bubulac	Tachita	Petru Poni Institute of Macromolecular Chemistry	Phosphorus-based compounds as precursors for design and preparations of advanced multifunctional polymeric materials	77.00
17	PN-II-RU-TE-2012-3-0031	Chimie	Nita	Loredana Elena	Petru Poni Institute of macromolecular chemistry	Supramolecular hydrogels: materials design and applications	77.00
18	PN-II-RU-TE-2012-3-0318	Chimie	Terec	Anamaria	Babes-Bolyai University	New Laterally Non-symmetric Cryptands - Synthesis and Host-Guest Assemblies	76.50
19	PN-II-RU-TE-2012-3-0110	Chimie	Zbancioc	Gheorghita	Alexandru Ioan Cuza University	New materials with azaheterocyclic skeleton for potential practical applications	75.83
20	PN-II-RU-TE-2012-3-0339	Chimie	Nica(Ion)	Simona Filoiteia	Center of Organic Chemistry C. D. Nenitzescu of the Romanian Academy	Incorporation of azulene-scaffold in multifunctional metal-organic framework	75.33
21	PN-II-RU-TE-2012-3-0155	Chimie	Suflet	Mihaela Dana	Petru Poni Institute of Macromolecular Chemistry, Iasi	Micro-/nano-particles/capsules from new ionic beta-(1,3)-glucan derivatives with medical and pharmaceutical applications	75.17
22	PN-II-RU-TE-2012-3-0407	Chimie	Bodoki	Ede	IULIU HATIEGANU UNIVERSITY OF MEDICINE AND PHARMACY CLUJ-NAPOCA	Chemical and biological sensing applications in pharmaceutical and biomedical analysis based on molecular recognition on nanoscaled surfaces	75.00
23	PN-II-RU-TE-2012-3-0058	Chimie	Enache	Mirela	Institute of Physical Chemistry Ilie Murgulescu of Romanian Academy	Molecular interactions between some antitumor drugs and conventional liposomes and archaeosomes	74.83
24	PN-II-RU-TE-2012-3-0039	Chimie	Manea	Mihaela	Petroleum & Gas University of Ploiesti	Applying physical-chemical interactions to crude oil well productivity	72.33
25	PN-II-RU-TE-2012-3-0072	Chimie	Buica	George-Octavian	University Politehnica of Bucharest	CHEMICALLY MODIFIED ELECTRODES WITH COMPLEXING POLYMERIC FILMS BASED ON AZULENE DERIVATIVES FOR METAL IONS ELECTROANALYSIS	72.00
26	PN-II-RU-TE-2012-3-0479	Chimie	Stanculescu	Ioana Rodica	Horia Hulubei National Institute for Physics and Nuclear Engineering	Advanced characterization techniques of cellulosic heritage goods in view of conservation by gamma irradiation	72.00
27	PN-II-RU-TE-2012-3-0153	Chimie	Popescu	Ionel	University of Bucharest	Optimized Ni-based LDH-derived catalysts for dry reforming of methane	71.00
28	PN-II-RU-TE-2012-3-0252	Chimie	Septelean	Raluca	Babes-Bolyai University	TOWARDS NEW STANNALLENES. SYNTHESIS, CHARACTERIZATION AND COORDINATION ABILITY	70.50
29	PN-II-RU-TE-2012-3-0248	Chimie	RUSU	GERLINDE	POLITEHNICA University of Timisoara	Promotion of inulin for plastic materials and nanocomposites synthesis	70.33
30	PN-II-RU-TE-2012-3-0152	Chimie	Rusu	Dan-Radu	"Petru Poni" Institute of Macromolecular Chemistry	Innovative polymer-based materials for blue/white lighting sources	70.00

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31	PN-II-RU-TE-2012-3-0253	Chimie	Scurtu	Rares	Institute of Physical Chemistry "Ilie Murgulescu"	Mixed ionic-electronic composite materials: Characterization and Environmental Applications	67.83
32	PN-II-RU-TE-2012-3-0371	Chimie	PITULICE	LAURA	UNIVERSITATEA DE VEST DIN TIMISOARA	Analysis of chemical kinetics in crowded media	67.00
33	PN-II-RU-TE-2012-3-0017	Chimie	MITRAN	GHEORGHITA	University of Bucharest, Faculty of Chemistry	SUPPORTED MIXED OXIDES, NEW ACID CATALYSTS FOR ESTERIFICATION AND TRANSESTERIFICATION REACTIONS	66.83
34	PN-II-RU-TE-2012-3-0383	Chimie	Avramescu	Sorin	University of Bucharest	Integrated catalytic wastewater treatment using a tandem approach: liquid phase/gas phase advanced oxidation.	66.50
35	PN-II-RU-TE-2012-3-0287	Chimie	Matei	Iulia	Universitatea din Bucuresti	Rational approach to the characterisation of archaeological biomaterials by concerted spectroscopic and quantum chemical methods	66.17
36	PN-II-RU-TE-2012-3-0114	Chimie	Danac	Ramona	"Alexandru Ioan Cuza" University of Iasi	New Calixarenes Bearing Heterocycles and Azacrowns at the Lower Rim: Syntheses, Properties, Applications	63.84
37	PN-II-RU-TE-2012-3-0080	Chimie	CASONI	DORINA	Babes-Bolyai University	Antioxidant activity and lipophilicity of adrenergic drugs and congeneric compounds evaluated by different analytical and chemometric methods	63.50
38	PN-II-RU-TE-2012-3-0129	Chimie	Stegarescu	Olimpia-Adina	Babes-Bolyai University	ORGANOMETALLIC TIN COMPOUNDS WITH INTRAMOLECULAR COORDINATION-SYNTHESIS, CHARACTERISATION AND REACTIVITY	62.67
39	PN-II-RU-TE-2012-3-0365	Chimie	Olaru	Mihaela Adriana	"Petru Poni" Institute of Macromolecular Chemistry	Human resources for science for conservation of stone-based cultural heritage	60.75
40	PN-II-RU-TE-2012-3-0274	Chimie	Corpodean (Moldovan)	Dumitrita	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA	Properties-structure-dynamics relationship for super-absorbent polymer networks by advanced ¹ H NMR, FT-IR and UV/VIS methods	58.83
41	PN-II-RU-TE-2012-3-0369	Chimie	ROBA	CARMEN ANDREEA	Universitatea Babes Bolyai	The advanced oxidative degradation of phthalates by Fenton and Photo-Fenton processes in wastewaters	54.83
42	PN-II-RU-TE-2012-3-0384	Chimie	Dalila	BELEI	Universitatea "Aexandru Ioan Cuza" din Iasi	New classes of biomimetic compounds. Design, synthesis and investigation of applicability fields.	50.53