

Program IDEI_Proiecte de Cercetare Exploratorie_Competitie 2011
Rezultate preliminare

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1	PN-II-ID-PCE-2011-3-0286	Chimie	Bala	Camelia	University of Bucharest	BIOFUNCTIONALIZED INTERFACES AS SMART BIOSENSORS FOR FAST IDENTIFICATION OF PHARMACEUTICAL AND METABOLITES IN WASTE WATER	93.33	1,500,000.0	se incadreaza in bugetul competitiei
2	PN-II-ID-PCE-2011-3-0510	Chimie	Calderon Moreno	Jose	Institute of Physical Chemistry "Ilie Murgulescu"	Rapid, innovative, soft-solution advanced processing of a new bioalloy surface for the improvement of its interactions with human fluids	92.33	1,483,500.0	se incadreaza in bugetul competitiei
3	PN-II-ID-PCE-2011-3-0255	Chimie	Apetrei	Constantin	DUNAREA DE JOS UNIVERSITY OF GALATI	Development of an electronic system based on electrochemical sensors and biosensors for the control of biogenic amines	92	1,226,705.0	se incadreaza in bugetul competitiei
4	PN-II-ID-PCE-2011-3-0152	Chimie	MEDVEDOVICI	ANDREI VALENTIN	University of Bucharest	Large volume injection of mobile phase immiscible diluents in HPLC	90	1,500,000.0	se incadreaza in bugetul competitiei
5	PN-II-ID-PCE-2011-3-0272	Chimie	Spataru	Nicolae	Institute of Physical Chemistry Ilie Murgulescu of The Romanian Academy	Interactional and functional effects of the substrate on the electrochemical behavior of micro and nanostructured metallic and oxidic deposits	89.33	1,500,000.0	se incadreaza in bugetul competitiei
6	PN-II-ID-PCE-2011-3-0355	Chimie	Sandulescu	Robert	Iuliu Hatieganu University of Medicine and Pharmacy	AMPEROMETRIC IMMUNOSENSOR FOR OVARIAN AND UTERINE CANCER BIOMARKERS	87.67	1,500,000.0	se incadreaza in bugetul competitiei
7	PN-II-ID-PCE-2011-3-0922	Chimie	Staicu	Angela	National Institute for Laser, Plasma, and Radiation Physics	Light triggering of drug carrier systems for targeted delivery and controlled release	87.33	1,500,000.0	se incadreaza in bugetul competitiei
8	PN-II-ID-PCE-2011-3-0187	Chimie	Dan	Rosu	Petru Poni Institute of Macromolecular Chemistry	Advanced research related to the behavior of multi-component polymer systems under simulated environmental factors action	87	1,420,000.0	se incadreaza in bugetul competitiei
9	PN-II-ID-PCE-2011-3-0366	Chimie	SARBU	COSTEL	UNIVERSITATEA BABES-BOLYAI	Comprehensive evaluation of redox activity and lipophilicity for biogenic amines and related compounds	86.33	1,500,000.0	se incadreaza in bugetul competitiei
10	PN-II-ID-PCE-2011-3-0032	Chimie	Bogdan	Mircea	National Institute for Research and Development of Isotopic and Molecular Technologies	Bioligand - macromolecule intermolecular interactions as probed by spectroscopic and microcalorimetric techniques	86	1,499,400.0	se incadreaza in bugetul competitiei
11	PN-II-ID-PCE-2011-3-0328	Chimie	Ionita	Elena Gabriela	Institute of Physical Chemistry "Ilie Murgulescu", Romanian Academy	Exploring gels containing cyclodextrins by EPR spectroscopy: structure, properties, applications	85	1,410,000.0	se incadreaza in bugetul competitiei
12	PN-II-ID-PCE-2011-3-0304	Chimie	Lazarescu	Valentina	Romanian Academy - Institute of Physical Chemistry "Ilie Murgulescu"	Molecular control over single-crystalline GaAs(hkl) surface electronic properties by using bio-thiols	84.33	1,500,000.0	se incadreaza in bugetul competitiei
13	PN-II-ID-PCE-2011-3-0271	Chimie	Lupu	Stelian	Universitatea Politehnica din Bucuresti	Electrochemical micro-biosensors based on electrodes and their arrays modified with composite materials	84	1,330,000.0	se incadreaza in bugetul competitiei
14	PN-II-ID-PCE-2011-3-0853	Chimie	TOMOAI A-COTISEL	MARIA	Babes-Bolyai University of Cluj-Napoca	MULTIFUNCTIONAL NANOSTRUCTURES FORMED OF GOLD OR SILVER NANOPARTICLES AND DIFFERENT BIOMOLECULES WITH MEDICAL APPLICATIONS Acronym: NANOMED	83.33	1,000,000.0	lista rezerva
15	PN-II-ID-PCE-2011-3-0382	Chimie	Elisa	Mihail	National Institute of Research and Development for Optoelectronics INOE 2000	Quantum confinement effect of CdS/CdSe quantum dots in phosphor aluminosilicate matrix as a promising new temperature sensing material	83.33	1,500,000.0	lista rezerva
16	PN-II-ID-PCE-2011-3-0390	Chimie	Ciucanu	Ionel	West University of Timisoara	Liquid phase microextraction based on a wire cage as support for the extracting phase.	82.5	1,500,000.0	lista rezerva
17	PN-II-ID-PCE-2011-3-1067	Chimie	Ungureanu	Eleonora-Mihaela	University Politehnica of Bucharest	The project entitled MODIFIED ELECTRODES FOR ANALYTICAL APPLICATIONS aims the development of new materials for electrochemical sensors. This project	82.33	1,200,000.0	lista rezerva

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18	PN-II-ID-PCE-2011-3-0626	Chimie	Danet	Andrei Florin	Universitatea din Bucuresti	Chemiluminescence and electrochemiluminescence reactions for the study of reactive oxygen species, antioxidants and ROS-associated oxidative stress	82.33	1,500,000.0	lista rezerva
19	PN-II-ID-PCE-2011-3-0294	Chimie	Doni	Mihaela	Institutul National de Cercetare- Dezvoltare pentru Chimie si Petrochimie - ICECHIM	ANALYTICAL SYSTEMS BASED ON ENZYMATIC REACTIONS IN REVERSE MICELLAR MEDIA (ASERM)	80.33	1,500,000.0	lista rezerva
20	PN-II-ID-PCE-2011-3-0495	Chimie	Buda	Mihai	POLITEHNICA University of Bucharest Faculty of Applied Chemistry and Materials Science Dept of Applied Physical Chemistry and Electrochemistry	Dynamic electrochemistry: theoretical and experimental electrochemical kinetics	80	437,500.0	lista rezerva
21	PN-II-ID-PCE-2011-3-0553	Chimie	Laura	Bulgariu	Technical Univeristy Gheorghe Asachi of Iasi	Selective and advanced recuperation of precious metals from waste be extraction in aqueous two-phase systems	78.25	1,150,000.0	nefinantabil
22	PN-II-ID-PCE-2011-3-0138	Chimie	Filip	Claudiu	National Institute for Research and Development of Isotopic and Molecular Technologies	Solid-state NMR methodological improvements and applications benefiting from ultra-fast MAS and new symbolic computational tools	78	1,500,000.0	nefinantabil
23	PN-II-ID-PCE-2011-3-0172	Chimie	Lazar	Mihaela Diana	National Institute for Research and Development of Isotopic and Molecular Technologies Cluj Napoca	Catalytic chemoselective partial oxidation of glycerol – a bio-renewable route to valuable chemicals	77.75	1,387,750.0	nefinantabil
24	PN-II-ID-PCE-2011-3-0157	Chimie	Sima	Marian	National Institute of Materials Physics	Thermoelectric organic/inorganic nanocomposite material	77.75	1,500,000.0	nefinantabil
25	PN-II-ID-PCE-2011-3-0757	Chimie	Cosma	Constantin	UNIVERSITATEA BABES-BOLYAI	Development and implementation of alpha and gamma spectrometric techniques used in natural and artificial radioactivity environmental studies	77.67	1,500,000.0	nefinantabil
26	PN-II-ID-PCE-2011-3-0099	Chimie	MUNTEAN	CRISTINA	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT FOR ISOTOPIC AND MOLECULAR TECHNOLOGIES	STRUCTURAL CHANGES AND (SUB)PICOSECOND DYNAMICS IN DNA MOLECULES, INVESTIGATED BY VIBRATIONAL SPECTROSCOPY	77	1,500,000.0	nefinantabil
27	PN-II-ID-PCE-2011-3-1008	Chimie	SECUIANU	CATINCA	POLITEHNICA UNIVERSITY OF BUCHAREST	Phase behaviour and thermophysical properties of carbon dioxide as a petroleum reservoir fluid	77	1,500,000.0	nefinantabil
28	PN-II-ID-PCE-2011-3-0283	Chimie	David	Victor	University of Bucharest	RETENTION MODELING IN LIQUID CHROMATOGRAPHY FOR ESTIMATING HYDROPHOBICITY / HYDROPHILICITY MOLECULAR DESCRIPTORS	76.33	1,500,000.0	nefinantabil
29	PN-II-ID-PCE-2011-3-0555	Chimie	Teodorescu	Mariana	"Ilie Murgulescu" Institute of Physical Chemistry	Thermodynamics and thermophysics of molecular and ionic liquid mixtures – new experimental and theoretical approaches	75	1,500,000.0	nefinantabil
30	PN-II-ID-PCE-2011-3-0386	Chimie	Vasile	Mihaela Ionela	National Institute for Research and Development in Electrochemistry and Condensed Matter	Theoretical modelling, obtaining and characterization of luminescent undoped/doped with 3d and 4f ions ZnGa2O4 nanomaterials for optoelectronics	74.67	1,300,000.0	nefinantabil
31	PN-II-ID-PCE-2011-3-0360	Chimie	Popescu	Florin Dumitru	Universitatea din Bucuresti	Study of paramagnetic ions nanostructures by multiple frequency Electron Paramagnetic Resonance	74	1,500,000.0	nefinantabil
32	PN-II-ID-PCE-2011-3-0503	Chimie	Pinteala	Mariana	Petru Poni Institute of Macromolecular Chemistry	Nanobioconjugates with C60 -fullerene Core for Gene Therapy: Towards the Ideal Vectors for Gene Delivery	73.67	1,500,000.0	nefinantabil
33	PN-II-ID-PCE-2011-3-1029	Chimie	Pinzaru	Simona	Babes-Bolyai University	Drugs from natural extracts as anticancer nanoformulations monitored by Raman and SERS spectroscopy	70.67	1,500,000.0	nefinantabil
34	PN-II-ID-PCE-2011-3-0925	Chimie	Badea	Elena	NATIONAL RESEARCH AND DEVELOPMENT INSTITUTE FOR TEXTILE AND LEATHER-DIVISION LEATHER AND FOOTWEAR RESEARCH INSTITUTE	PHYSICAL-CHEMICAL INVESTIGATION OF ENVIRONMENTAL IMPACT AND MODULATION OF NANOSTRUCTURAL FEATURES IN HERITAGE COLLAGEN BASED MATERIALS (CHEMCOL)	70	1,700,000.0	nefinantabil

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35	PN-II-ID-PCE-2011-3-0517	Chimie	Isvoranu	Dragos	Universitatea Politehnica Bucuresti	Ciliary motion - a novel technique for biofluids manipulation and control	69	1,500,000.0	nefinantabil
36	PN-II-ID-PCE-2011-3-0949	Chimie	Dumitrascu	Nicoleta-Viorica	ALEXANDRU IOAN CUZA UNIVERSITY OF IASI	Biomaterial surfaces designed by gas plasma processing for in vitro studies on cells adhesion and motility	68	1,500,000.0	nefinantabil
37	PN-II-ID-PCE-2011-3-0996	Chimie	Dorneanu	Sorin-Aurel	Universitatea Babes-Bolyai	Sensors system for electrochemical detection of some potential dangerous additives in meat based aliments	66.33	971,687.5	nefinantabil
38	PN-II-ID-PCE-2011-3-0423	Chimie	Bocos-Bintintan	Victor	Babes Bolyai University	Rapid trace detection and characterization of precursors and essential chemicals related to illicit drugs using ion mobility spectrometric techniques	66	1,700,000.0	nefinantabil
39	PN-II-ID-PCE-2011-3-1088	Chimie	Pacureanu	Liliana Mioara	INSTITUTUL DE CHIMIE TIMISOARA AL ACADEMIEI ROMANE	NEW BENCHMARK VALIDATION DATA SETS FOR VIRTUAL SCREENING	64.5	1,500,000.0	nefinantabil
40	PN-II-ID-PCE-2011-3-0279	Chimie	Chis	Vasile	Babes-Bolyai University	New molecular systems for the next generation of OLED devices	64.33	1,260,000.0	nefinantabil
41	PN-II-ID-PCE-2011-3-0095	Chimie	Teodor	Eugenia Dumitra	National Institute of Research and Development for Biological Sciences	Development of analytical methods for determination of organic residues from archaeological pottery based on simulation procedures	61.67	1,500,000.0	nefinantabil
42	PN-II-ID-PCE-2011-3-0609	Chimie	Ene	Antoaneta	DUNAREA DE JOS UNIVERSITY OF GALATI	Advanced nuclear and atomic microanalytical techniques for the characterisation of steels quality	61	1,498,428.0	nefinantabil
43	PN-II-ID-PCE-2011-3-0910	Chimie	Duliu	Octavian	Universitatea din Bucuresti	Studies of the irradiation effects for retrospective dosimetry, quaternary geochronology and food control qualities	59.25	1,500,000.0	nefinantabil