

Program Resurse **Umane_Proiecte de cercetare postdoctorala_Competitia 2011**

Rezultate preliminare

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	titlul	Punctaj final	Buget total solicitat (lei)	STARE
1	PN-II-RU-PD-2011-3-0094	Stiinta materialelor	Ionel	Stavarache	National Institute of Materials Physics	Ge nanocrystals embedded in amorphous matrices with photoconductive properties.	94	300,000	Se incadreaza in bugetul competitiei
2	PN-II-RU-PD-2011-3-0195	Stiinta materialelor	Garoi	Petronela	National Institute for Lasers, Plasma and Radiation Physics	Transparent conductive oxide thin films deposited onto flexible and cost-efficient substrates for high performance solar cells	90	300,000	Se incadreaza in bugetul competitiei
3	PN-II-RU-PD-2011-3-0115	Stiinta materialelor	Filipescu	Mihaela	National Institute for Lasers Plasma and Radiation Physics	Sensors based on tungsten oxides cluster-assembled structures obtained by laser and plasma methods for nitrogen oxides detection	88.33	288,103	Se incadreaza in bugetul competitiei
4	PN-II-RU-PD-2011-3-0023	Stiinta materialelor	FIERASCU	RADU CLAUDIU	The National Institute for Research & Development in Chemistry and Petrochemistry – ICECHIM	Avant-garde design of nanomaterials and nanosystems with practical applications in the scientific preservation of Romanian cultural heritage	87.33	155,970	Se incadreaza in bugetul competitiei
5	PN-II-RU-PD-2011-3-0241	Stiinta materialelor	Popescu	Elena Camelia	NATIONAL INSTITUTE FOR LASERS, PLASMA AND RADIATION PHYSICS	Optical sensor based on surface plasmon resonance for the detection of cholesterol	87.33	300,000	Se incadreaza in bugetul competitiei
6	PN-II-RU-PD-2011-3-0186	Stiinta materialelor	CIMPOESU	NICANOR	Universitatea "Alexandru Ioan Cuza" din Iasi	Growth and characterization of thin shape memory films with high damping capacity through pulsed laser deposition technique	87	300,000	Se incadreaza in bugetul competitiei
7	PN-II-RU-PD-2011-3-0063	Stiinta materialelor	Nicolescu	Florica Adriana	Institute of Physical Chemistry "Ilie Murgulescu"	Azobenzene containing polymers. Nonlinear optical properties and photoresponsive behavior	87	300,000	Se incadreaza in bugetul competitiei
8	PN-II-RU-PD-2011-3-0237	Stiinta materialelor	Nedelcu	Liviu	National Institute of Materials Physics	Terahertz Spectroscopy of Low-Loss Microwave Dielectrics	86	300,000	Se incadreaza in bugetul competitiei
9	PN-II-RU-PD-2011-3-0269	Stiinta materialelor	Corodeanu	Sorin	National Institute of Research and Development for Technical Physics	RAPIDLY SOLIDIFIED NANOCRYSTALLINE MAGNETIC WIRES FOR SENSOR APPLICATIONS	84	296,400	Se incadreaza in bugetul competitiei
10	PN-II-RU-PD-2011-3-0188	Stiinta materialelor	Seftel	Elena Mihaela	Technical University "Gheorghe Asachi"	New titania-based photocatalysts for a sustainable clean environment	83	300,000	Se incadreaza in bugetul competitiei
11	PN-II-RU-PD-2011-3-0183	Stiinta materialelor	Vlad	Alexandra Angela	National Institute of Lasers, Plasma and Radiation Physics	Retention of heavy metals on layered double hydroxides (LDH) thin films grown via laser techniques (PLD)	82.75	285,000	Se incadreaza in bugetul competitiei
12	PN-II-RU-PD-2011-3-0067	Stiinta materialelor	Maraloiu	Valentin-Adrian	National Institute of Materials Physics	Structural biotransformations of magnetic nanoparticles in biological environments	82	278,640	Se incadreaza in bugetul competitiei
13	PN-II-RU-PD-2011-3-0268	Stiinta materialelor	Scarisoareanu	Monica	National Institute for Lasers, Plasma and Radiation Physics	Enhanced photocatalytic properties for band gap engineered TiO2 -based nanoparticles obtained by laser pyrolysis (acronym: PROBAG)	81.33	300,000	Se incadreaza in bugetul competitiei
14	PN-II-RU-PD-2011-3-0147	Stiinta materialelor	SIMA	Nicolae Felix	National Institute for Lasers, Plasma and Radiation Physics	Laser induced clean transfer of protein nanostructures for biomimetic applications	81	300,000	Se incadreaza in bugetul competitiei

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15	PN-II-RU-PD-2011-3-0222	Stiinta materialelor	Voiculescu	Ana-Maria	NATIONAL INSTITUTE FOR LASER, PLASMA AND RADIATION PHYSICS	Upconversion processes in compounds from the langasite family doped with rare earth ions	80	300,000	Se incadreaza in bugetul competitiei
16	PN-II-RU-PD-2011-3-0013	Stiinta materialelor	Velisa	Gihan	Horia Hulubei National Institute for Physics and Nuclear Engineering	Micro-structural evolution of He-implanted nuclear ceramics: Role of temperature	78.33	300,000	Se incadreaza in bugetul competitiei
17	PN-II-RU-PD-2011-3-0209	Stiinta materialelor	DIMA	Stefan-Ovidiu	The National Institute for Research and Development in Chemistry and Petrochemistry - ICECHIM	PERFORMANT CHIRAL SEPARATION USING HIGHLY SELECTIVE MOLECULARLY IMPRINTED POLYMERS	78.33	300,000	Se incadreaza in bugetul competitiei
18	PN-II-RU-PD-2011-3-0127	Stiinta materialelor	Peptu	Cristian	Petru Poni Institute of Macromolecular Chemistry	Cyclodextrins – a "green chemistry" route to aliphatic polyesters	78.33	300,000	Se incadreaza in bugetul competitiei
19	PN-II-RU-PD-2011-3-0057	Stiinta materialelor	Musuc	Adina Magdalena	"Ilie Murgulescu" Institute of Physical Chemistry	Fast thermal analysis evaluation of biopolymer biodegradability	78	300,000	Se incadreaza in bugetul competitiei
20	PN-II-RU-PD-2011-3-0239	Stiinta materialelor	Stefan	Maria Viorica	National Institute of Research and Development for Isotopic and Molecular Technologies-INCDTIM	Composite core-shell nanoparticles based on magnetite and semiconductors with predetermined properties	77	300,000	Se incadreaza in bugetul competitiei
21	PN-II-RU-PD-2011-3-0104	Stiinta materialelor	Neatu	Stefan	University Politehnica of Bucharest	Heterogeneous Photocatalysis - a "heterogeneous" way to a clean environment	77	300,000	Se incadreaza in bugetul competitiei
22	PN-II-RU-PD-2011-3-0228	Stiinta materialelor	Ababei	Gabriel	National Institute of Research and Development for Technical Physics	Absorption processes of microwaves in multilayer configurations based on amorphous glass-coated microwires	76.5	290,000	Se incadreaza in bugetul competitiei
23	PN-II-RU-PD-2011-3-0286	Stiinta materialelor	Rusu	Madalin Ion	National Institute of Research and Development for Optoelectronics	Study of some ferromagnetic II-IV-V2 systems and of their interfaces with non-ferromagnetic semiconductors	74.33	300,000	Se incadreaza in bugetul competitiei
24	PN-II-RU-PD-2011-3-0285	Stiinta materialelor	Miroiu	Floralice Marimona	National Institute For Laser, Plasma and Radiation Physics	Silk fibroin thin films produced by pulsed laser technologies for drug delivery and biosensing applications	74	300,000	Nefinantabil
25	PN-II-RU-PD-2011-3-0193	Stiinta materialelor	MANTU	DORINA	INSTITUTUL DE CHIMIE MACROMOLECULARA PETRU PONI IASI	AZAHETEROCYCLIS WITH BIOLOGICAL PROPERTIES	74	300,000	Nefinantabil
26	PN-II-RU-PD-2011-3-0155	Stiinta materialelor	Ciripoiu	Anita-Laura	The National Institute for Research & Development in Chemistry and Petrochemistry	NEW MULTIFUNCTIONAL HYBRID INORGANIC-ORGANIC POLYMER NANOCOMPOSITES OBTAINED BY HOST-GUEST SYNTHESIS FOR PERFORMANT APPLICATIONS	73.5	300,000	Nefinantabil
27	PN-II-RU-PD-2011-3-0166	Stiinta materialelor	Corobea	Mihai Cosmin	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU CHIMIE SI PETROCHIMIE - ICECHIM BUCURESTI	New Polymer Composites based on Nanofillers with Complex Architecture (POLYDOME)	73	300,000	Nefinantabil
28	PN-II-RU-PD-2011-3-0112	Stiinta materialelor	Jerca	Valentin Victor	Centre for Organic Chemistry "Costin D. Nenitescu" Romanian Academy	Colloidal crystals from 2-oxazoline-based scaffolds	71.25	300,000	Nefinantabil

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29	PN-II-RU-PD-2011-3-0270	Stiinta materialelor	Popescu	Andrei	National Institute for Lasers, Plasma and Radiation Physics	Laser cleaning on-line assisted by LIBS and Spectral Imaging for removal of nano- films and debris contamination	71	300,000	Nefinantabil
30	PN-II-RU-PD-2011-3-0045	Stiinta materialelor	Ramona - Crina	Suciu	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT OF ISOTOPIC AND MOLECULAR TECHNOLOGIES	ADVANCES CHEMICAL PROCESSES FOR OBTAINING AN OXIDE PHOTOCATALITIC FILMS USED IN THE SOLAR ENERGY CONVERSION	70.67	300,000	Nefinantabil
31	PN-II-RU-PD-2011-3-0077	Stiinta materialelor	Rednic	Vasile	National Institute for Research and Development of Isotopic and Molecular Technologies	Global, local and electronic structure of supported bimetallic nanoclusters with catalytic activity	70	300,000	Nefinantabil
32	PN-II-RU-PD-2011-3-0240	Stiinta materialelor	Dragos - Pinzaru	Oana - Georgiana	National Institute of Research and Development for Technical Physics	ADVANCED STUDIES CONCERNING THE PROCESSES INVOLVED IN SIMPLE AND MULTILAYERED NANOWIRES PREPARATION	69.33	297,600	Nefinantabil
33	PN-II-RU-PD-2011-3-0191	Stiinta materialelor	Stan	Cristina	Ilie Murgulescu Institute of Physical Chemistry of the Romanian Academy	New energetic materials for hydrogen storage and fuel cell	66	299,999	Nefinantabil
34	PN-II-RU-PD-2011-3-0224	Stiinta materialelor	Ledeti	Ionut Valentin	University of Medicine and Pharmacy "Victor Babes" Timisoara	Antimicrobial, antitumor and anti-inflammatory evaluation by complex screening of functionalized mercaptotriazoles	64.75	297,000	Nefinantabil
35	PN-II-RU-PD-2011-3-0059	Stiinta materialelor	Mic	Mihaela	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT OF ISOTOPIC AND MOLECULAR TECHNOLOGIES	Isothermal titration nanocalorimetric methods used to characterized the molecular binding between bioligands and polimeric nanaoparticles	63.5	300,000	Nefinantabil
36	PN-II-RU-PD-2011-3-0126	Stiinta materialelor	Iordache	Petrisor Zamora	University POLITEHNICA of Bucharest, Faculty of Engineering in Foreign Languages and Faculty of Applied Chemistry and Materials Science	COMPLEX FUNCTIONALIZED MEMBRANES OBTAINED FROM INDUSTRIAL OXYDIC WASTE USED FOR THE SEPARATION OF ORGANIC POLLUTANTS FROM WATER WASTE	55	300,000	Nefinantabil