

Program Resurse Umane_Proiecte de cercetare postdoctorala_Competitia 2011
Rezultate finale_Proiecte propuse la finantare

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	titlul	Buget total propus (lei)	Punctaj final
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.	300,000.0	94.00
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	300,000.0	90.00
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	288,103.0	88.33
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	155,970.0	87.33
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	300,000.0	87.33
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	270,000.0	87.00
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	300,000.0	87.00
8	PN-II-RU-PD-2011-3-0237	Stiinta materialelor	Nedelcu	Liviu	National Institute of Materials Physics	Terahertz Spectroscopy of Low-Loss Microwave Dielectrics	300,000.0	86.00
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	296,400.0	84.00
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	300,000.0	83.00
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)	285,000.0	82.75
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	278,640.0	82.00
13	PN-II-RU-PD-2011-3-0268	Stiinta materialelor	Scarisoreanu	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)	300,000.0	81.33
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	300,000.0	81.00
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	300,000.0	80.00
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	300,000.0	78.33
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	300,000.0	78.33
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	300,000.0	78.33

Program Resurse Umane_Proiecte de cercetare postdoctorala_Compentia 2011
Rezultate finale_Proiecte propuse la finantare

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	titlul	Buget total propus (lei)	Punctaj final
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	300,000.0	78.00
20	PN-II-RU-PD-2011-3-0239	Stiinta materialelor	Stefan	Maria Viorica	National Institute of Research and Development for Isotopic and Molecular Technologies-INCOTIM	Composite core-shell nanoparticles based on magnetite and semiconductors with predetermined properties	300,000.0	77.00
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	300,000.0	77.00
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	290,000.0	76.50
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-V ₂ systems and of their interfaces with non-ferromagnetic semiconductors	300,000.0	74.33