

**PROGRAM RESURSE UMANE\_PROIECTE DE CERCETARE POSTDOCTORALA\_COMPETITIA 2012  
STIINTA MATERIALELOR**

Nr. Crt.	COD PROI	Nume	Prenume	INSTITUTIA	TITLU	BUGET APROBAT 2014
1	PN-II-RU-PD-2012-3-0090	Tudose	Madalina	Institutul de Chimie Fizica Ilie Murgulescu	Silver nanoparticles- the effect of chemical surface modification on their chemical and biological reactivity	108,000
2	PN-II-RU-PD-2012-3-0357	Ignat	Maria	Institutul de Chimie Macromoleculara "Petru Poni" Iasi	POLYMER COATED ORDERED MESOPOROUS CARBONS WITH MULTIFUNCTIONAL PROPERTIES	124,200
3	PN-II-RU-PD-2012-3-0346	Dorcioman	Corina Gabriela	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor Plasmei si Radiatiei (INFLPR)	Comprehensive study of the effects induced to thin films of transition metal nitrides and carbo-nitrides by ion irradiation	84,201
4	PN-II-RU-PD-2012-3-0051	Negrila	Constantin-Catalin	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Improving of some in situ techniques for the obtaining of metal/GaAs structures with applications in X-Ray detection	112,500
5	PN-II-RU-PD-2012-3-0117	Matei	Elena	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	High control of pure and doped ZnO nanostructures properties through complex/multistep electrodeposition processes	112,500
6	PN-II-RU-PD-2012-3-0295	Neatu	Florentina	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Heterogeneous nanocatalysts with application in tandem Sonogashira/lactonisation reaction	115,200
7	PN-II-RU-PD-2012-3-0305	Crisan	Alina Daniela	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Novel FePt(Pd) nanocomposite magnets for high temperature / corrosive media applications	108,450
8	PN-II-RU-PD-2012-3-0270	Tudoran	Cristian	Institutul National de Cercetare Dezvoltare pentru Tehnologii Izotopice si Moleculare Cluj Napoca	High frequency cold plasmas for biodiesel production and surface engineering applications	99,549
9	PN-II-RU-PD-2012-3-0377	Blanita	Gabriela	Institutul National de Cercetare Dezvoltare pentru Tehnologii Izotopice si Moleculare Cluj Napoca	NaH3 nanoconfinement in porous structures for hydrogen storage	135,090
10	PN-II-RU-PD-2012-3-0102	Pop	Oana-Raluca	UNIVERSITATEA DE MEDICINA SI FARMACIE VICTOR BABES TIMISOARA	Fullerenes and their precursors as building blocks for nanomaterials	94,500
11	PN-II-RU-PD-2012-3-0124	Pruna	Alina	Universitatea din Bucuresti	Synthesis and characterization of carbon-based nanoarchitected composites for energy storage applications	130,245