

**PROGRAM RESURSE UMANE_PROIECTE DE CERCETARE PENTRU STIMULAREA CONSTITUIRII DE TINERE ECHIPE DE CERCETARE INDEPENDENTE_COMPETITIA 2012
STIINTA MATERIALELOR**

Nr. Crt.	COD PROIECT	NUME DIRECTOR	PRENUME DIRECTOR	INSTITUTIE	TITLU	BUGET APROBAT 2014
1	PN-II-RU-TE-2012-3-0148	Preda	Nicoleta	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Surface wettability control using self-assembled nanostructures	178,290
2	PN-II-RU-TE-2012-3-0177	VISA	Maria	UNIVERSITATEA TRANSILVANIA DIN BRASOV	New adsorbents of zeolite type obtained from waste fly ash collected from Romanian Combined Heat and Power Plants	150,125
3	PN-II-RU-TE-2012-3-0198	Lupa	Lavinia	Universitatea Politehnica din Timisoara	New approach of using ionic liquids (ILs) as "green extractants" in the adsorption process of radionuclides from waste aqueous solutions	208,250
4	PN-II-RU-TE-2012-3-0202	Suchea	Mirela Petruta	Universitatea Alexandru Ioan Cuza Iasi	Photocatalytic active nanostructured coatings on fabric substrates for applications in air purification systems	211,179
5	PN-II-RU-TE-2012-3-0360	Muresan	Laura	Universitatea Babes-Bolyai din Cluj	NANOPHOSPHORS BASED ON YTTRIUM SILICATE FOR OPTOELECTRONICS	185,819
6	PN-II-RU-TE-2012-3-0379	Popescu	Andrei	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor Plasmei si Radiatiei (INFLPR)	Hard and adherent carbon thin films synthesized by pulsed laser deposition for wear protection of metallurgical cutting and drilling tools	107,437
7	PN-II-RU-TE-2012-3-0403	Ungureanu	Adrian	Universitatea Tehnica Gheorghe Asachi din Iasi	Nanosized Metallic Catalysts Prepared in Controlled Local Environments of Mesostructured Hosts for Fine Chemical Syntheses (NanoMesoChem)	144,186
8	PN-II-RU-TE-2012-3-0467	Scarisoreanu	Nicu Doinel	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor Plasmei si Radiatiei (INFLPR)	Lead-free thin film of $(Ba_{1-x}Ca_x)(Ti_{1-y}Zr_y)O_3$ system with large piezoelectric properties for microelectronics.	175,490
9	PN-II-RU-TE-2012-3-0478	Ionita	Mariana	Universitatea Politehnica din Bucuresti	Multi-scale computational approach and experiments towards knowledge-based design of polymer-graphene membrane materials for selective gas separation	181,125