

Program Resurse Umane_Proiecte de Cercetare pentru Stimularea constituirii de tinere echipe de cercetare independente
Rezultate finale_Stiiinte Ingineresti

Nr. Crt.	Cod	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
1	PN-II-RU-TE-2012-3-0143	Stiinte ingineresti	Filimon	Anca	Petru Poni Institute of Macromolecular Chemistry	High Performance Polymeric Biomaterials Based on Functionalized Polysulfones with Medical Applications	95.5
2	PN-II-RU-TE-2012-3-0040	Stiinte ingineresti	Busoniu	Lucian	Technical University of Cluj-Napoca	Reinforcement learning and planning for large-scale systems	94
3	PN-II-RU-TE-2012-3-0307	Stiinte ingineresti	Ionescu	Clara Mihaela	Universitatea Tehnica din Cluj-Napoca	Robust fractional order control strategies for multivariable time delay processes	88.66
4	PN-II-RU-TE-2012-3-0367	Stiinte ingineresti	Neamtu	Bogdan Viorel	Technical University of Cluj-Napoca	Amorphous soft magnetic Fe-based and Co-based powders and cores prepared by mechanical alloying and spark plasma sintering	87.83
5	PN-II-RU-TE-2012-3-0378	Stiinte ingineresti	MARINCA	TRAIAN FLORIN	Technical University of Cluj Napoca	Spark plasma sintered soft magnetic composite/nanocomposite compacts of iron alloy/iron mixed ferrite type	87.67
6	PN-II-RU-TE-2012-3-0108	Stiinte ingineresti	CATALINA	Tiberiu	Technical University of Civil Engineering Bucharest	Optimization of Indoor Environmental Quality & Energy Efficiency in educational facilities using a multi-criteria decision approach	86.16
7	PN-II-RU-TE-2012-3-0136	Stiinte ingineresti	Ofiteru	Irina Dana	University Politehnica of Bucharest	Dynamics of Escherichia coli population transformed to express archeal heterologous protein S-layer	84.67
8	PN-II-RU-TE-2012-3-0349	Stiinte ingineresti	Gherman	Bogdan	Technical University of Cluj-Napoca	Research on the development of new robotic solutions for brain cancer treatment - BracRob	84
9	PN-II-RU-TE-2012-3-0402	Stiinte ingineresti	Dumitru	Aurelia Anca	University of Bucharest	New electrocatalytic systems for ethanol/methanol oxidation reactions and oxygen reduction in fuel cells with ethanol/methanol	84
10	PN-II-RU-TE-2012-3-0159	Stiinte ingineresti	Stanciu	Stefan George	Center for Microscopy-Microanalysis and Information Processing, University Politehnica Bucharest	Correlation of high resolution nanoscopy and microscopy data assisted by advanced computer vision and image integration techniques	83.5
11	PN-II-RU-TE-2012-3-0066	Stiinte ingineresti	CORMOS	Ana-Maria	Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering	Integrated assessment of techno-economical and environmental aspects for carbon capture process in power plants using dynamic and part-load analysis	83.17
12	PN-II-RU-TE-2012-3-0059	Stiinte ingineresti	ZECHERU	TEODORA	SCIENTIFIC RESEARCH CENTER FOR CBRN DEFENSE AND ECOLOGY	SYNTHESIS AND CHARACTERIZATION OF NEW INTELLIGENT HYBRID MATERIALS FOR SPECIAL APPLICATIONS	81.83
13	PN-II-RU-TE-2012-3-0234	Stiinte ingineresti	Varga	Emilia Sabina	Babes-Bolyai University	Bionanocomposites as templates for encapsulation and release of therapeutic proteins	79.83
14	PN-II-RU-TE-2012-3-0441	Stiinte ingineresti	Marcu	Marius	Politehnica University of Timisoara	User Centric Power Management Platform for Energy-Aware Mobile Applications	79.33
15*	PN-II-RU-TE-2012-3-0127*	Stiinte ingineresti	UNGUREANU	Georgeta-Mihaela	Politehnica University of Bucharest	Advanced biosignal processing and data analysis to identify the instantaneous and causal connectivity of the brain	79*
16	PN-II-RU-TE-2012-3-0348	Stiinte ingineresti	Otomega	Ninel-Gelu-Bogdan	University POLITEHNICA of Bucharest	Automatic system for load monitoring and direct control to avoid large scale blackouts in electrical power systems - IntelliACTION	77.17

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17	PN-II-RU-TE-2012-3-0293	Stiinte ingineresti	Serban	Ioan	Transilvania University of Brasov	Enhanced control solutions for smart microgrids with renewable energy sources	77
18	PN-II-RU-TE-2012-3-0397	Stiinte ingineresti	Barabás	István	Technical University of Cluj-Napoca	Modeling the properties of diesel-biofuel blends	76.67
19	PN-II-RU-TE-2012-3-0134	Stiinte ingineresti	Micea	Mihai	UNIVERSITATEA POLITEHNICA DIN TIMISOARA	TEEFIOS: Time and Energy Efficient Framework for Inter-Operation of Smart devices	76.34
20*	PN-II-RU-TE-2012-3-0213*	Stiinte ingineresti	Diaconu	Bogdan Marian	Universitatea "Constantin Brancusi" din Tg-Jiu	Highly efficient and stable building materials incorporating phase change materials (PCMs)	76.17*
21*	PN-II-RU-TE-2012-3-0418*	Stiinte ingineresti	Cioatera	Nicoleta	Universitatea din Craiova	Optimization of solid oxide nanostructures for Intermediate-Temperature Solid Oxide Fuel Cells (IT-SOFC)	76*
22**	PN-II-RU-TE-2012-3-0312**	Stiinte ingineresti	Marius	Rada	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT OF ISOTOPIC AND MOLECULAR TECHNOLOGIES	SENSORS AND THERMOCOUPLES BASED ON GLASSES AND VITROCERAMICS WITH APPLICATIONS IN MECHATRONICS AND AUTOMOTIVE TECHNOLOGY	74.66**
23**	PN-II-RU-TE-2012-3-0406**	Stiinte ingineresti	CLENCI	Adrian	Universitatea din Pitesti	Theoretical and experimental research for outlining the effects of intake valve lift on a gasoline engine's fuel economy	73.33**
24**	PN-II-RU-TE-2012-3-0273**	Stiinte ingineresti	Udrea	Radu Mihnea	University Politehnica of Bucharest	Robust Speech Enhancement Algorithms Development with Applications for Hearing Aids Devices	73.16**
25**	PN-II-RU-TE-2012-3-0062**	Stiinte ingineresti	Iancu	Mihaela-Hilda	Babes-Bolyai University	Distributed control algorithms for large-scale systems	72.84**
26**	PN-II-RU-TE-2012-3-0444**	Stiinte ingineresti	Claudiu	Bisu	University Politehnica of Bucharest	On-line monitoring and diagnostic model for three-dimensional milling and drilling process.	72.83**
27**	PN-II-RU-TE-2012-3-0099**	Stiinte ingineresti	Bostenaru Dan	Maria	Universitatea de Arhitectura si Urbanism "Ion Mincu"	Early 20th century reinforced concrete buildings under seismic threat. Strategic elements in urban and construction structure: morphology and economy.	72.67**
28**	PN-II-RU-TE-2012-3-0144**	Stiinte ingineresti	Fira	Monica	Institute of Computer Science, Romanian Academy, Iasi	MEDICAL SIGNAL PROCESSING METHODS BASED ON COMPRESSED SENSING AND IMPLEMENTATION	72**
29**	PN-II-RU-TE-2012-3-0264**	Stiinte ingineresti	IANCHIS	RALUCA	National Research and Development Institute for Chemistry and Petrochemistry ICECHIM	NEW BIOACTIVE MATERIALS BASED ON POLYMER-CLAY NANOCOMPOSITES	71.5**
30**	PN-II-RU-TE-2012-3-0122**	Stiinte ingineresti	Claudiu Cristian	Botar	Babes-Bolyai University	Investigation on the combustion-reformer integrated system for low noxious emissions at low temperature	70.84**
31**	PN-II-RU-TE-2012-3-0033**	Stiinte ingineresti	Fratila	Domnita-Florina	Technical University of Cluj-Napoca	Research on Predictive Assessment of Manufacturing Processes Ecological Impacts	69.84**
32**	PN-II-RU-TE-2012-3-0106**	Stiinte ingineresti	Stanciu	Rares	Romanian Academy - Timisoara Branch	Decelerated Swirling Flow Adaptive Control using Pulsating Water Jets	69.17**

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33**	PN-II-RU-TE-2012-3-0363**	Stiinte ingineresti	Popescu	Anca-Andreea	University Politehnica Bucharest	Matrix Factorization Techniques: Theory and Applications for Signal Encryption and Reconstruction - MATRICS	67**
34**	PN-II-RU-TE-2012-3-0103**	Stiinte ingineresti	Radac	Mircea-Bogdan	Universitatea Politehnica din Timisoara	Iterative algorithms for constrained data-based controller tuning	66.84**
35**	PN-II-RU-TE-2012-3-0488**	Stiinte ingineresti	Bako	Laszlo	Fundatia Sapientia Universitatea Sapientia	Design and implementation of real-time embedded systems with architectural adaptability	66.67**
36**	PN-II-RU-TE-2012-3-0260**	Stiinte ingineresti	Ciutina	Adrian	Universitatea "Politehnica" din Timisoara	Seismic Performances of Dual Frames with Composite Steel and Concrete Slim Floors	66.17**
37**	PN-II-RU-TE-2012-3-0183**	Stiinte ingineresti	STANCIU	Camelia	University POLITEHNICA of Bucharest	Eco-friendly hybrid (solar-biofuel) cogeneration power plants - overview, thermodynamic comparative analysis and best choice	65.17**
38**	PN-II-RU-TE-2012-3-0433**	Stiinte ingineresti	Kusko	Mihai	National Institute for Research and Development in Microtechnologies	Integrated polymer thin film lasers	64**
39**	PN-II-RU-TE-2012-3-0065**	Stiinte ingineresti	popa	cosmin	University Politehnica of Bucharest	Synthesis and Performances Optimization of Low-Voltage Low-Power VLSI CMOS Multifunctional Structures for Analog Signal Processing	63.75**
40**	PN-II-RU-TE-2012-3-0346**	Stiinte ingineresti	Dinca	Cristian-Florian	University POLITEHNICA of Bucharest	CO2 capture pre/post-combustion processes development and integration solutions for solid fuels to energy conversion systems	63**
41**	PN-II-RU-TE-2012-3-0460**	Stiinte ingineresti	Catalin	Ion	Transilvania University of Brasov	Contributions to micro hydro power plants utilisation for isolated consumers supply	61.67**
42**	PN-II-RU-TE-2012-3-0070**	Stiinte ingineresti	NEDELCU	MIHAI	Technical University of Cluj-Napoca	Theoretical and Experimental Vibration Analysis of Civil Engineering Structures	59.66**
43**	PN-II-RU-TE-2012-3-0270**	Stiinte ingineresti	Marcu	Teodora	Technical University of Cluj Napoca	Integrated design of PM titanium based biomaterials for endosseous implants	58.84**
44**	PN-II-RU-TE-2012-3-0419**	Stiinte ingineresti	VLAD	CIPRIAN	"Dunarea de Jos University" of Galati	Hierarchical intelligent control of grid distributed systems for generating and using electrical energy	58.34**
45**	PN-II-RU-TE-2012-3-0217**	Stiinte ingineresti	Trifina	Lucian	"Gheorghe Asachi" Technical University	Design of Space-Time Turbo Codes for Wireless Applications	57**
46**	PN-II-RU-TE-2012-3-0107**	Stiinte ingineresti	Cernescu	Anghel	Politehnica University of Timisoara	Fatigue delamination growth rates of composites under variable amplitude mixed mode loadings	49.67**
47**	PN-II-RU-TE-2012-3-0023**	Stiinte ingineresti	Irimescu	Adrian	UNIVERSITATEA POLITEHNICA DIN TIMISOARA	Heat Transfer Models for Spark Ignition Engines Operated with Alternative Fuels	42.5**
48**	PN-II-RU-TE-2012-3-0186**	Stiinte ingineresti	RACILA	LAURENTIU DANIEL	UNIVERSITY OF CRAIOVA	Mechanical Devices for Making Public Transportation More Accessible for Disabled Passengers	40**

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