

**Subprogram 1.1 - Resurse Umane - Premierea rezultatelor cercetarii - Articole, Competitia 2019**

**Lista 12 - Cereri premiere depuse pentru articole publicate - 30.08.2019, ora 09.00**

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|----------|----------------------------------|----------------|---------------|---|----------------------------|-----------------------|--------------------------|
| 1        | PN-III-P1-1.1-PRECISI-2019-36463 | Zimta          | Alina-Andreea | Recent advancements in the study of breast cancer exosomes as mediators of intratumoral communication   | 2019                       | 6,000                 | 2019-08-23 11:18:35      |
| 2        | PN-III-P1-1.1-PRECISI-2019-36466 | Daniel         | Angelescu     | Coarse-grained simulation studies on the adsorption of polyelectrolyte complexes upon lipid membranes   | 2019                       | 6,000                 | 2019-08-23 11:33:29      |
| 3        | PN-III-P1-1.1-PRECISI-2019-36469 | Eugenia        | Eftimie Totu  | Non-Resorbable Nanocomposite Membranes for Guided Bone Regeneration Based on Polysulfone-Quartz Fiber Grafted with Nano-TiO <sub>2</sub>                | 2019                       | 6,000                 | 2019-08-23 14:47:20      |
| 4        | PN-III-P1-1.1-PRECISI-2019-36472 | Alexandra      | Roman         | Investigations on the adhesion of new composites for restoring cervical lesions using energy dispersive X-ray analysis and scanning electron microscopy | 2019                       | 6,000                 | 2019-08-23 14:48:57      |
| 5        | PN-III-P1-1.1-PRECISI-2019-36475 | Radu           | Miculescu     | A Nadler type result for iterated multifunction systems   | 2019                       | 6,000                 | 2019-08-23 16:58:09      |
| 6        | PN-III-P1-1.1-PRECISI-2019-36478 | Ioana          | Csaki         | Corrosion behavior of AlCrFeNiMn high entropy alloy in a geothermal environment   | 2019                       | 6,000                 | 2019-08-23 18:26:28      |
| 7        | PN-III-P1-1.1-PRECISI-2019-36484 | Anca Oana      | Docea         | Veronica Plants-Drifting from Farm to Traditional Healing, Food Application, and Phytopharmacology  | 2019                       | 2,000                 | 2019-08-24 16:25:19      |
| 8        | PN-III-P1-1.1-PRECISI-2019-36487 | Cristina Ioana | Muresan       | Universal Direct Tuner for Loop Control in Industry   | 2019                       | 6,000                 | 2019-08-24 23:48:02      |
| 9        | PN-III-P1-1.1-PRECISI-2019-36493 | Eva            | Kiss          | Early alterations in hippocampal perisomatic GABAergic synapses and network oscillations in a mouse model of Alzheimer's disease amyloidosis.           | 2019                       | 2,000                 | 2019-08-25 14:19:31      |
| 10       | PN-III-P1-1.1-PRECISI-2019-36496 | Klara-Dorottya | Magyari       | The impact of copper oxide nanoparticles on the structure and applicability of bioactive glasses  | 2019                       | 6,000                 | 2019-08-25 17:58:45      |
| 11       | PN-III-P1-1.1-PRECISI-2019-36499 | Mihai          | Cristea       | A note on the global injectivity of some light Sobolev mappings   | 2019                       | 6,000                 | 2019-08-25 22:15:10      |
| 12       | PN-III-P1-1.1-PRECISI-2019-36505 | Radu-Daniel    | Vatavu        | Euphoria: A Scalable, event-driven architecture for designing interactions across heterogeneous devices in smart environments                           | 2019                       | 6,000                 | 2019-08-26 11:51:26      |
| 13       | PN-III-P1-1.1-PRECISI-2019-36508 | Alexandrina    | Petrovici     | Impact of 68Se and 72Kr stellar weak interaction rates on rp-process nucleosynthesis and energetics   | 2019                       | 2,000                 | 2019-08-26 12:50:53      |

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| 14       | PN-III-P1-1.1-PRECISI-2019-36511 | Claudia Valentina | Cimpoiу    | The Influence of in Vitro Gastrointestinal Digestion of Brassica oleracea Florets on the Antioxidant Activity and Chlorophyll, Carotenoid and Phenolic Content | 2019                       | 6,000                 | 2019-08-26 13:12:19      |
| 15       | PN-III-P1-1.1-PRECISI-2019-36514 | Mihaela           | Albu       | Uncertainty Bounds of Transmission Line Parameters Estimated From Synchronized Measurements  | 2018                       | 6,000                 | 2019-08-26 13:46:54      |
| 16       | PN-III-P1-1.1-PRECISI-2019-36517 | Dumitru-Daniel    | Herea      | Human adipose-derived stem cells loaded with drug-coated magnetic nanoparticles for in-vitro tumor cells targeting   | 2019                       | 6,000                 | 2019-08-26 14:10:29      |
| 17       | PN-III-P1-1.1-PRECISI-2019-36520 | Ana Maria Raluca  | Gherman    | Size-tunable Au@Ag nanoparticles for colorimetric and SERS dual-mode sensing of palmatine in traditional Chinese medicine                                      | 2019                       | 2,000                 | 2019-08-26 14:17:42      |
| 18       | PN-III-P1-1.1-PRECISI-2019-36523 | Daniel            | Condurache | A Davenport dual angles approach for minimal parameterization of the rigid body displacement and motion  | 2019                       | 6,000                 | 2019-08-26 14:42:10      |
| 19       | PN-III-P1-1.1-PRECISI-2019-36526 | GEORGE ALEXANDRU  | NEMNES     | Graphene bandgap induced by ferroelectric Pca2(1) HfO <sub>2</sub> substrates: a first-principles study  | 2019                       | 6,000                 | 2019-08-26 14:59:42      |
| 20       | PN-III-P1-1.1-PRECISI-2019-36529 | Mihaela           | Sterpu     | Approximations of the heteroclinic orbits near a double-zero bifurcation with symmetry of order two. Application to a Liénard equation                         | 2019                       | 2,000                 | 2019-08-26 15:09:11      |
| 21       | PN-III-P1-1.1-PRECISI-2019-36532 | Horia Leonard     | Banciu     | Casting light on Asgardarchaeota metabolism in a sunlit microoxic niche  | 2019                       | 6,000                 | 2019-08-26 15:16:41      |
| 22       | PN-III-P1-1.1-PRECISI-2019-36535 | Irina             | Culic      | My Life as a Spy: Investigations in a Secret Police File. Verdery, Katherine. Durham, NC: Duke University Press, 2018. 344 pp.                                 | 2019                       | 6,000                 | 2019-08-26 15:38:33      |
| 23       | PN-III-P1-1.1-PRECISI-2019-36538 | Irina             | Culic      | Neoliberalism Meets Minority Nationalism: The Politics of Hungarian Higher Education in Romania  | 2019                       | 2,000                 | 2019-08-26 15:52:02      |
| 24       | PN-III-P1-1.1-PRECISI-2019-36541 | Asli              | Kusoglu    | Inclusive cross sections for one-and multi-nucleon removal from Sn, Sb, and Te projectiles beyond the N=82 shell closure                                       | 2019                       | 6,000                 | 2019-08-26 16:26:54      |
| 25       | PN-III-P1-1.1-PRECISI-2019-36544 | Radu              | Purice     | Peierls' substitution via minimal coupling and magnetic pseudo-differential calculus   | 2019                       | 6,000                 | 2019-08-26 18:31:20      |
| 26       | PN-III-P1-1.1-PRECISI-2019-36547 | Ielciu            | Irina      | Flavonoid Analysis and Antioxidant Activities of the Bryonia alba L. Aerial Parts  | 2019                       | 6,000                 | 2019-08-26 20:12:03      |

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| 27       | PN-III-P1-1.1-PRECISI-2019-36553 | Bulgariu        | Laura      | Batch and Column Scale Removal of Cadmium from Water Using Raw and Acid Activated Wheat Straw Biochar  | 2019                       | 2,000                 | 2019-08-27 07:55:59      |
| 28       | PN-III-P1-1.1-PRECISI-2019-36556 | Pär-Anders      | Söderström | Isomer spectroscopy in $^{133}\text{Ba}$ and high-spin structure of $^{134}\text{Ba}$  | 2019                       | 2,000                 | 2019-08-27 09:37:09      |
| 29       | PN-III-P1-1.1-PRECISI-2019-36559 | Tudor           | Cioara     | Blockchain-Based Scalable and Tamper-Evident Solution for Registering Energy Data  | 2019                       | 6,000                 | 2019-08-27 10:14:00      |
| 30       | PN-III-P1-1.1-PRECISI-2019-36562 | Mihaela         | Sterpu     | The Effect of Remittances on Poverty in the Emerging Countries of the European Union   | 2019                       | 2,000                 | 2019-08-27 13:14:24      |
| 31       | PN-III-P1-1.1-PRECISI-2019-36565 | Claudiu         | Herteliu   | Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017 | 2018                       | 6,000                 | 2019-08-27 13:53:25      |
| 32       | PN-III-P1-1.1-PRECISI-2019-36568 | LAVINIA-LILIANA | RUTA       | Dietary Anthocyanins and Stroke: A Review of Pharmacokinetic and Pharmacodynamic Studies   | 2019                       | 6,000                 | 2019-08-27 14:28:43      |
| 33       | PN-III-P1-1.1-PRECISI-2019-36571 | Konstantinos    | Fragkos    | Columnar aerosol measurements in a continental southeastern Europe site: climatology and trends  | 2019                       | 2,000                 | 2019-08-27 14:32:06      |
| 34       | PN-III-P1-1.1-PRECISI-2019-36574 | Floreacă        | Dinu       | Impact modelling for progressive collapse assessment of selective rack systems   | 2019                       | 6,000                 | 2019-08-27 17:04:05      |
| 35       | PN-III-P1-1.1-PRECISI-2019-36577 | Oana            | Serban     | The relevance of ultrasound examination of the foot and ankle in patients with rheumatoid arthritis – a review of the literature   | 2019                       | 2,000                 | 2019-08-27 17:19:57      |
| 36       | PN-III-P1-1.1-PRECISI-2019-36583 | Radu-Daniel     | Vatavu     | Hover: Exploring cognitive maps and mid-air pointing for television control  | 2019                       | 2,000                 | 2019-08-28 08:08:39      |
| 37       | PN-III-P1-1.1-PRECISI-2019-36586 | VALER           | TOSA       | Modelling migration of substances from polymers into drinking water. Part 2-Partition coefficient estimations  | 2019                       | 6,000                 | 2019-08-28 08:53:21      |
| 38       | PN-III-P1-1.1-PRECISI-2019-36589 | Ion             | Cotaescu   | Integral representation of the scalar propagators on the de Sitter expanding universe  | 2019                       | 6,000                 | 2019-08-28 10:49:45      |
| 39       | PN-III-P1-1.1-PRECISI-2019-36592 | Adriana-Maria   | Nicolae    | Moduli of regularity and rates of convergence for Fejér monotone sequences   | 2019                       | 6,000                 | 2019-08-28 11:43:22      |

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| 40       | PN-III-P1-1.1-PRECISI-2019-36595 | Oana            | Tutunaru   | GLUCOSE DETECTION USING BSA:PEDOT-PSS AS BIOACTIVE SOLUTE AND SOLID BIOACTIVE LAYER DEPOSITED BY SPIN COATING  | 2019                       | 2,000                 | 2019-08-28 11:44:53      |
| 41       | PN-III-P1-1.1-PRECISI-2019-36598 | Florin-Ioan     | Bode       | Experimental and numerical study of supercapacitors module with aircooling   | 2019                       | 6,000                 | 2019-08-28 12:44:00      |
| 42       | PN-III-P1-1.1-PRECISI-2019-36601 | Valentin Victor | Jerca      | Metal Ion Selective Self-Assembly of a Ligand Functionalized Polymer into [1+1] Macroyclic and Supramolecular Polymer Structures via Metal-Ligand Coordination | 2019                       | 6,000                 | 2019-08-28 14:08:29      |
| 43       | PN-III-P1-1.1-PRECISI-2019-36604 | George          | Bubueanu   | Release of <sup>14</sup> C and <sup>3</sup> H from Irradiated Graphite of the Thermal Column of VVR-S Reactor to Solution Phase                                | 2018                       | 6,000                 | 2019-08-28 14:58:45      |
| 44       | PN-III-P1-1.1-PRECISI-2019-36607 | Samașca         | Gabriel    | Liquid biopsy challenge and hope in colorectal cancer  | 2019                       | 6,000                 | 2019-08-28 15:25:52      |
| 45       | PN-III-P1-1.1-PRECISI-2019-36610 | SIMONA          | PINZARU    | Biogeochemical specificity of adjacent natural carbonated spring waters from Swiss Alps promptly revealed by SERS and Raman technology                         | 2019                       | 2,000                 | 2019-08-28 16:36:41      |
| 46       | PN-III-P1-1.1-PRECISI-2019-36613 | SORIN           | GAL        | A new look at Popoviciu's concept of convexity for functions of two variables  | 2019                       | 6,000                 | 2019-08-28 21:40:25      |
| 47       | PN-III-P1-1.1-PRECISI-2019-36616 | Delia Mirela    | Tit        | What antibiotics for what pathogens? The sensitivity spectrum of isolated strains in an intensive care unit  | 2019                       | 6,000                 | 2019-08-28 22:38:21      |
| 48       | PN-III-P1-1.1-PRECISI-2019-36622 | Alina           | Barbulescu | Assessing the history-based predictability of regional monthly precipitation data using statistical and fuzzy methods  | 2019                       | 6,000                 | 2019-08-29 10:33:59      |
| 49       | PN-III-P1-1.1-PRECISI-2019-36625 | Dumitru Mircea  | Ivan       | A mean-value theorem for positive linear functionals   | 2019                       | 2,000                 | 2019-08-29 11:21:45      |
| 50       | PN-III-P1-1.1-PRECISI-2019-36628 | Alexander       | Rubel      | Das Lager der ala I Batavorum millaria und sein vicus in Războieni-Cetate (jud. Alba / RO). Geophysikalische Untersuchungen und historische Einordnungen       | 2018                       | 2,000                 | 2019-08-29 12:14:13      |
| 51       | PN-III-P1-1.1-PRECISI-2019-36631 | Alexander       | Rubel      | Quo Vadis Altertumswissenschaft? The Command of Foreign Languages and the Future of Classical Studies  | 2019                       | 2,000                 | 2019-08-29 12:18:59      |
| 52       | PN-III-P1-1.1-PRECISI-2019-36634 | Octavia         | Zeleniuc   | Influence of Adhesive Type and Content on the Properties of Particleboard Made from Sunflower Husks  | 2019                       | 2,000                 | 2019-08-29 12:46:07      |

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| 53       | PN-III-P1-1.1-PRECISI-2019-36637 | Ioan             | Pop        | Flow and heat transfer along a permeable stretching/shrinking curved surface in a hybrid nanofluid                                    | 2019                       | 2,000                 | 2019-08-29 12:57:54      |
| 54       | PN-III-P1-1.1-PRECISI-2019-36640 | Mihaela          | Badea      | Herbal Supplements in the Print Media: Communicating Benefits and Risks   | 2019                       | 6,000                 | 2019-08-29 13:20:46      |
| 55       | PN-III-P1-1.1-PRECISI-2019-36643 | Andreia          | Cucuruz    | Ceramics based on calcium phosphates substituted with magnesium ions for bone regeneration  | 2019                       | 2,000                 | 2019-08-29 14:20:10      |
| 56       | PN-III-P1-1.1-PRECISI-2019-36646 | Cesim            | Dumlu      | Hawking radiation via complex geodesics   | 2018                       | 2,000                 | 2019-08-29 15:07:22      |
| 57       | PN-III-P1-1.1-PRECISI-2019-36649 | Sebestyen        | Tihamer    | Theory and practice of European co-operative education and training for the support of energy transition                              | 2019                       | -                     | 2019-08-29 15:56:03      |
| 58       | PN-III-P1-1.1-PRECISI-2019-36652 | Alexander        | Rubel      | Edith Hall, Die alten Griechen. Eine Erfolgsgeschichte in zehn Auftritten. Aus dem Engl. v. Norbert Juraschitz. München, Siedler 2017 | 2019                       | 2,000                 | 2019-08-29 16:16:59      |
| 59       | PN-III-P1-1.1-PRECISI-2019-36655 | Dan Cristian     | Vodnar     | Design and Development of Oleoresins Rich in Carotenoids Coated Microbeads  | 2019                       | 2,000                 | 2019-08-29 16:27:06      |
| 60       | PN-III-P1-1.1-PRECISI-2019-36658 | Maria Cristina   | Mihai      | Mechanism of 17 $\beta$ -estradiol stimulated integration of human mesenchymal stem cells in heart tissue                             | 2019                       | 6,000                 | 2019-08-29 16:50:01      |
| 61       | PN-III-P1-1.1-PRECISI-2019-36661 | Ciprian          | Tudor      | Behavior with respect to the Hurst index of the Wiener Hermite integrals and application to SPDEs                                     | 2019                       | 6,000                 | 2019-08-29 23:09:45      |
| 62       | PN-III-P1-1.1-PRECISI-2019-36667 | Domenico         | Doria      | DNA DSB Repair Dynamics following Irradiation with Laser-Driven Protons at Ultra-High Dose Rates                                      | 2019                       | 6,000                 | 2019-08-30 07:26:43      |
| 63       | PN-III-P1-1.1-PRECISI-2019-36670 | Bogdan Alexandru | Popescu    | EuroEcho-imaging 2018: highlights.  | 2019                       | 6,000                 | 2019-08-30 08:40:13      |
| 64       | PN-III-P1-1.1-PRECISI-2019-36673 | Bogdan Alexandru | Popescu    | Echocardiographic reference ranges for normal non-invasive myocardial work indices: results from the EACVI NORRE study.               | 2019                       | 6,000                 | 2019-08-30 08:45:53      |