

**Subprogram 1.1 - Resurse Umane - Premiarea rezultatelor cercetarii - Articole, Competitia 2018**

**Lista 9 - Cereri premiere depuse pentru articole publicate in anul 2018 - 17.09.2018, ora 13.00**

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|---------|----------------------------------|------------|-------------------|--|-----------------------|-----------------------------|------------------------|
| 1       | PN-III-P1-1.1-PRECISI-2018-26851 | Petkov     | Pavel             | LOW-LYING ELECTROMAGNETIC TRANSITION STRENGTHS IN 180Pt  | 2,000.00              | 2018                        | 03.09.2018 13:05       |
| 2       | PN-III-P1-1.1-PRECISI-2018-26853 | Ghiba      | Ionel-Dumitrel    | Rank-one convexity implies polyconvexity in isotropic planar incompressible elasticity   | 6,000.00              | 2018                        | 03.09.2018 13:46       |
| 3       | PN-III-P1-1.1-PRECISI-2018-26854 | Guardo     | Giovanni Luca     | An increase in the 12C + 12C fusion rate from resonances at astrophysical energies   | 40,000.00             | 2018                        | 03.09.2018 14:49       |
| 4       | PN-III-P1-1.1-PRECISI-2018-26859 | Vinereanu  | Dragos            | Impaired Cardiac Function in Patients with Multiple Sclerosis by Comparison with Normal Subjects   | 6,000.00              | 2018                        | 03.09.2018 16:06       |
| 5       | PN-III-P1-1.1-PRECISI-2018-26863 | ROTARIU    | DUMITRU LUCIAN    | An enzyme-free hydrogen peroxide sensor for evaluation of probiotic potential of Enterococcus faecium  | 6,000.00              | 2018                        | 03.09.2018 18:48       |
| 6       | PN-III-P1-1.1-PRECISI-2018-26865 | Marcu      | Loredana Gabriela | Do SABR-related toxicities for lung cancer depend on treatment delivery?   | 6,000.00              | 2018                        | 03.09.2018 20:11       |
| 7       | PN-III-P1-1.1-PRECISI-2018-26869 | Luchian    | Bogdan            | Revisiting Fryszkowski's problem   | 6,000.00              | 2018                        | 04.09.2018 03:05       |
| 8       | PN-III-P1-1.1-PRECISI-2018-26872 | Preda      | Nicoleta-Roxana   | Versatile Actuators Based on Polypyrrole-Coated Metalized Eggshell Membranes   | 6,000.00              | 2018                        | 04.09.2018 10:35       |
| 9       | PN-III-P1-1.1-PRECISI-2018-26875 | Ilea       | Aranka            | Advanced glycation end products (AGEs) in oral pathology   | 2,000.00              | 2018                        | 04.09.2018 11:13       |
| 10      | PN-III-P1-1.1-PRECISI-2018-26878 | Marghescu  | Ion               | New Energy Efficient Multi-Hop Routing Techniques for Wireless Sensor Networks: Static and Dynamic Techniques                                  | 6,000.00              | 2018                        | 04.09.2018 11:24       |
| 11      | PN-III-P1-1.1-PRECISI-2018-26881 | Ciobanu    | Gabriel           | A note on similarity relations between fuzzy attribute-oriented concept lattices   | 6,000.00              | 2018                        | 04.09.2018 11:58       |
| 12      | PN-III-P1-1.1-PRECISI-2018-26882 | Petkov     | Pavel             | Shape coexistence and collective low-spin states in Sn-112,Sn-114 studied with the (p,p'gamma) Doppler-shift attenuation coincidence technique | 2,000.00              | 2018                        | 04.09.2018 12:15       |
| 13      | PN-III-P1-1.1-PRECISI-2018-26884 | Magureanu  | Monica            | Stimulation of the Germination and Early Growth of Tomato Seeds by Non-thermal Plasma  | 2,000.00              | 2018                        | 04.09.2018 12:56       |
| 14      | PN-III-P1-1.1-PRECISI-2018-26887 | TANASA     | FULGA             | Multi-component Polymer Systems Comprising Wood as Bio-based Component and Thermoplastic Polymer Matrices – An Overview                        | 2,000.00              | 2018                        | 04.09.2018 13:15       |

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| 15      | PN-III-P1-1.1-PRECISI-2018-26889 | Zsolt            | Pap             | Associating low crystallinity with peroxo groups for enhanced visible light active photocatalysts   | 6,000.00              | 2018                        | 04.09.2018 13:39       |
| 16      | PN-III-P1-1.1-PRECISI-2018-26890 | ANCUTA           | CODRINA         | Patterns and predictors of skin score change in early diffuse systemic sclerosis from the European Scleroderma Observational Study  | 6,000.00              | 2018                        | 04.09.2018 13:44       |
| 17      | PN-III-P1-1.1-PRECISI-2018-26893 | Hamciuc          | Corneliu        | Thermal, Electrical, and Gas Transport Properties of New Aromatic Poly(Ether Ether Ketone)/Silica Hybrid Films  | 2,000.00              | 2018                        | 04.09.2018 15:02       |
| 18      | PN-III-P1-1.1-PRECISI-2018-26896 | Comanici (David) | Ana Maria       | Modification of Mohr's criterion in order to consider the effect of the intermediate principal stress   | 6,000.00              | 2018                        | 04.09.2018 15:35       |
| 19      | PN-III-P1-1.1-PRECISI-2018-26899 | Somacescu        | Simona          | Mixed Ionic-Electronic Conduction in NiFe <sub>2</sub> O <sub>4</sub> -Ce <sub>0.8</sub> Gd <sub>0.2</sub> O <sub>2</sub> -delta Nanocomposite Thin Films for Oxygen Separation | 6,000.00              | 2018                        | 04.09.2018 17:12       |
| 20      | PN-III-P1-1.1-PRECISI-2018-26902 | Gheondea         | Aurelian        | Symmetries versus conservation laws in dynamical quantum systems: a unifying approach through propagation of fixed points.  | 6,000.00              | 2018                        | 04.09.2018 17:52       |
| 21      | PN-III-P1-1.1-PRECISI-2018-26908 | Ursu             | Ramona Gabriela | Role of mucosal high-risk human papillomavirus types in head and neck cancers in Romania  | 6,000.00              | 2018                        | 05.09.2018 08:22       |
| 22      | PN-III-P1-1.1-PRECISI-2018-26910 | POP              | Florin          | Microservices Scheduling Model Over Heterogeneous Cloud-Edge Environments As Support for IoT Applications   | 6,000.00              | 2018                        | 05.09.2018 08:25       |
| 23      | PN-III-P1-1.1-PRECISI-2018-26911 | Moraru           | Luminita        | Texture anisotropy technique in brain degenerative diseases   | 6,000.00              | 2018                        | 05.09.2018 10:14       |
| 24      | PN-III-P1-1.1-PRECISI-2018-26912 | Bucurescu        | Dorel           | Empirical signatures of shape phase transitions in nuclei with odd nucleon numbers  | 2,000.00              | 2018                        | 05.09.2018 10:32       |
| 25      | PN-III-P1-1.1-PRECISI-2018-26913 | Galaction        | Anca Irina      | Enhancement of ergosterol production by Saccharomyces cerevisiae in batch and fed-batch fermentation processes using n-dodecane as oxygen-vector                                | 6,000.00              | 2018                        | 05.09.2018 10:36       |
| 26      | PN-III-P1-1.1-PRECISI-2018-26914 | Zsolt            | Pap             | Photocatalytic ozonation of monuron over suspended and immobilized TiO <sub>2</sub> -study of transformation, mineralization and economic feasibility                           | 2,000.00              | 2018                        | 05.09.2018 10:46       |
| 27      | PN-III-P1-1.1-PRECISI-2018-26916 | Balas            | Mihaela         | Coating Dependent In Vitro Biocompatibility of New Fe-Si Nanoparticles  | 6,000.00              | 2018                        | 05.09.2018 11:23       |
| 28      | PN-III-P1-1.1-PRECISI-2018-26917 | Coros            | Maria           | Graphene/TiO <sub>2</sub> -Ag Based Composites Used as Sensitive Electrode Materials for Amaranth Electrochemical Detection and Degradation                                     | 10,000.00             | 2018                        | 05.09.2018 11:33       |

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| 29      | PN-III-P1-1.1-PRECISI-2018-26920 | Zsolt      | Pap           | Novel synthesis approaches for WO <sub>3</sub> -TiO <sub>2</sub> /MWCNT composite photocatalysts-problematic issues of photoactivity enhancement factors            | 6,000.00              | 2018                        | 05.09.2018 11:38       |
| 30      | PN-III-P1-1.1-PRECISI-2018-26922 | Mircea     | Stefanescu    | A novel route for the preparation of CoCr <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> nanocomposite starting from Co(II)-Cr(III) carboxylate complex combinations | 2,000.00              | 2018                        | 05.09.2018 11:39       |
| 31      | PN-III-P1-1.1-PRECISI-2018-26924 | Mircea     | Stefanescu    | Synthesis and characterization of ZnAl <sub>2</sub> O <sub>4</sub> spinel from Zn(II) and Al(III) carboxylates  | 2,000.00              | 2018                        | 05.09.2018 11:44       |
| 32      | PN-III-P1-1.1-PRECISI-2018-26925 | Morari     | Cristian      | Translation of metal-phthalocyanines adsorbed on Au(111): from van der Waals interaction to strong electronic correlation   | 6,000.00              | 2018                        | 05.09.2018 11:49       |
| 33      | PN-III-P1-1.1-PRECISI-2018-26926 | Damaceanu  | Mariana-Dana  | The photo-optical and electrochemical activity promoted by trifluoromethyl-substituted and ortho-catenated triphenylamine core in poly(ether-imide)s                | 6,000.00              | 2018                        | 05.09.2018 12:00       |
| 34      | PN-III-P1-1.1-PRECISI-2018-26928 | Bejan      | Mihai         | Structural efficiency on plastic composites   | 2,000.00              | 2018                        | 05.09.2018 12:04       |
| 35      | PN-III-P1-1.1-PRECISI-2018-26929 | Aprodu     | Iuliana       | Structural and antigenic properties of thermally treated gluten proteins  | 6,000.00              | 2018                        | 05.09.2018 12:05       |
| 36      | PN-III-P1-1.1-PRECISI-2018-26932 | Postolache | Mihai         | Approximating distance between sets by multivalued coupling with application to uniformly convex Banach spaces  | 2,000.00              | 2018                        | 05.09.2018 12:50       |
| 37      | PN-III-P1-1.1-PRECISI-2018-26935 | Sterpu     | Mihaela       | IMPACT OF RENEWABLE ENERGY CONSUMPTION ON ECONOMIC GROWTH: EVIDENCE FROM EUROPEAN UNION COUNTRIES   | 6,000.00              | 2018                        | 05.09.2018 13:05       |
| 38      | PN-III-P1-1.1-PRECISI-2018-26937 | Milica     | Lucian        | A new insight into the geometric models and workspace volume of the 6 RSS manipulator by disjunction of the translational and orientation subspaces                 | 6,000.00              | 2018                        | 05.09.2018 19:34       |
| 39      | PN-III-P1-1.1-PRECISI-2018-26938 | DUCEA      | Mihai         | Calcium isotope evidence for subduction-enriched lithospheric mantle under the northern North China Craton  | 6,000.00              | 2018                        | 05.09.2018 20:03       |
| 40      | PN-III-P1-1.1-PRECISI-2018-26941 | RADU       | SORIN         | Political Activism in the Romanian Countryside of the 1930s. The Peasants from Hunedoara County and the Ploughmen's Front   | 2,000.00              | 2018                        | 05.09.2018 22:40       |
| 41      | PN-III-P1-1.1-PRECISI-2018-26947 | Milica     | Lucian        | Optimal path planning for a new type of 6 RSS parallel robot based on virtual displacements expressed through Hermite polynomials                                   | 6,000.00              | 2018                        | 06.09.2018 08:12       |
| 42      | PN-III-P1-1.1-PRECISI-2018-26950 | Ionescu    | Cringu        | Correlation of ultrasound features and the Risk of Ovarian Malignancy Algorithm score for different histopathological subtypes of benign adnexal masses             | 2,000.00              | 2018                        | 06.09.2018 09:56       |

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| 43      | PN-III-P1-1.1-PRECISI-2018-26953 | ANDRONIC   | LUMINITA         | The influence of low irradiance and electrolytes on the mineralization efficiency of organic pollutants using the Vis-active photocatalytic tandem CuInS <sub>2</sub> /TiO <sub>2</sub> /SnO <sub>2</sub> | 6,000.00              | 2018                        | 06.09.2018 11:24       |
| 44      | PN-III-P1-1.1-PRECISI-2018-26955 | Belega     | Daniel           | INFLUENCE OF THE SPECTRAL IMAGE COMPONENT ON THE AMPLITUDE AND PHASE ESTIMATORS PROVIDED BY THE INTERPOLATED DFT METHOD   | 2,000.00              | 2018                        | 06.09.2018 12:13       |
| 45      | PN-III-P1-1.1-PRECISI-2018-26956 | TANASE     | CORNELIU         | New Aspects of Biomass Waste Valorization: Spruce Bark Crude Extracts as Plant Growth Regulators  | 2,000.00              | 2018                        | 06.09.2018 12:27       |
| 46      | PN-III-P1-1.1-PRECISI-2018-26958 | Belega     | Daniel           | Accurate amplitude and phase estimation of noisy sine-waves via two-point interpolated DTFT algorithms  | 6,000.00              | 2018                        | 06.09.2018 12:41       |
| 47      | PN-III-P1-1.1-PRECISI-2018-26961 | Domocus    | Iulia Mihaela    | The role of parents and teachers in changing adolescents` perfectionism: A short-term longitudinal study  | 2,000.00              | 2018                        | 06.09.2018 15:26       |
| 48      | PN-III-P1-1.1-PRECISI-2018-26962 | Sima       | Mihaela          | The importance of International Conferences on Sustainable Development as Higher Education Institutions' strategies to promote sustainability: a case study in Brazil                                     | 6,000.00              | 2018                        | 06.09.2018 16:54       |
| 49      | PN-III-P1-1.1-PRECISI-2018-26965 | Popa       | Călin-Adrian     | Global exponential stability of octonion-valued neural networks with leakage delay and mixed delays   | 6,000.00              | 2018                        | 06.09.2018 21:32       |
| 50      | PN-III-P1-1.1-PRECISI-2018-26967 | TOSA       | VALER            | Self-channelled high harmonic generation of water window soft x-rays  | 2,000.00              | 2018                        | 07.09.2018 09:35       |
| 51      | PN-III-P1-1.1-PRECISI-2018-26971 | PUI        | AUREL            | Ligand-selective small molecule modulators of the constitutively active vGPCR US28  | 6,000.00              | 2018                        | 07.09.2018 11:37       |
| 52      | PN-III-P1-1.1-PRECISI-2018-26973 | Iacobescu  | Gabriela Eugenia | FREEDERICKSZ TRANSITIONS OF TWISTED FERRONEMATICS IN MAGNETIC FIELD   | 2,000.00              | 2018                        | 07.09.2018 11:56       |
| 53      | PN-III-P1-1.1-PRECISI-2018-26974 | Panaitescu | Denis Michaela   | Treatment of Nanocellulose by Submerged Liquid Plasma for Surface Functionalization   | 6,000.00              | 2018                        | 07.09.2018 13:15       |
| 54      | PN-III-P1-1.1-PRECISI-2018-26977 | Taranu     | Ionelia          | In Vitro Transcriptome Response to a Mixture of Lactobacilli Strains in Intestinal Porcine Epithelial Cell Line   | 2,000.00              | 2018                        | 07.09.2018 14:43       |
| 55      | PN-III-P1-1.1-PRECISI-2018-26980 | Gagniuc    | Paul             | The electrical activity map of the human skin indicates strong differences between normal and diabetic individuals: A gateway to onset prevention   | 6,000.00              | 2018                        | 08.09.2018 01:18       |
| 56      | PN-III-P1-1.1-PRECISI-2018-26986 | Jurjiu     | Aurel            | Dynamics of a Polymer Network Modeled by a Fractal Cactus   | 6,000.00              | 2018                        | 08.09.2018 17:45       |

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| 57      | PN-III-P1-1.1-PRECISI-2018-26988 | Acu        | Ana Maria         | Approximation of functions by bivariate q-Stancu-Durrmeyer type operators   | 2,000.00              | 2018                        | 09.09.2018 14:49       |
| 58      | PN-III-P1-1.1-PRECISI-2018-26991 | Pîrjan     | Alexandru         | Developing a Mixed Neural Network Approach to Forecast the Residential Electricity Consumption Based on Sensor Recorded Data  | 6,000.00              | 2018                        | 09.09.2018 21:31       |
| 59      | PN-III-P1-1.1-PRECISI-2018-26994 | Paunescu   | Laurentiu         | Rank two jump loci for solvmanifolds and Lie algebras   | 2,000.00              | 2018                        | 10.09.2018 00:55       |
| 60      | PN-III-P1-1.1-PRECISI-2018-26998 | Pîrvulescu | Viorica           | Ce, Ti modified MCM-48 mesoporous photocatalysts: Effect of the synthesis route on support and metal ion properties   | 10,000.00             | 2018                        | 10.09.2018 13:15       |
| 61      | PN-III-P1-1.1-PRECISI-2018-27000 | Pallag     | Annamaria         | Equisetum arvense L.Extract Induces Antibacterial Activity and Modulates Oxidative Stress, Inflammation, and Apoptosis in Endothelial Vascular Cells Exposed to Hyperosmotic Stress | 2,000.00              | 2018                        | 10.09.2018 13:52       |
| 62      | PN-III-P1-1.1-PRECISI-2018-27001 | Enculescu  | Maria-Monica      | White-Light Emission of Dye-Doped Polymer Submicronic Fibers Produced by Electrospinning  | 6,000.00              | 2018                        | 10.09.2018 13:54       |
| 63      | PN-III-P1-1.1-PRECISI-2018-27004 | Negrea     | Raluca Florentina | Ferroelectric switching dynamics in 0.5Ba(Zr0.2Ti0.8)O-3-0.5( Ba0.7Ca0.3)TiO3 thin films  | 6,000.00              | 2018                        | 10.09.2018 14:06       |
| 64      | PN-III-P1-1.1-PRECISI-2018-27007 | Aceleanu   | Mirela Ionela     | THE RURAL SUSTAINABLE DEVELOPMENT THROUGH RENEWABLE ENERGY. THE CASE OF ROMANIA   | 6,000.00              | 2018                        | 10.09.2018 19:57       |
| 65      | PN-III-P1-1.1-PRECISI-2018-27013 | Laszlo     | Szilard-Csaba     | Second-order dynamical systems with penalty terms associated to monotone inclusions   | 6,000.00              | 2018                        | 11.09.2018 07:58       |
| 66      | PN-III-P1-1.1-PRECISI-2018-27016 | Niu        | Yifei             | Functional renormalization group and Kohn–Sham scheme in density functional theory  | 6,000.00              | 2018                        | 11.09.2018 08:33       |
| 67      | PN-III-P1-1.1-PRECISI-2018-27019 | Niu        | Yifei             | Interplay of quasiparticle-vibration coupling and pairing correlations on $\beta$ -decay half-lives   | 6,000.00              | 2018                        | 11.09.2018 09:05       |
| 68      | PN-III-P1-1.1-PRECISI-2018-27022 | Niu        | Yifei             | Critical temperature for shape transition in hot nuclei within covariant density functional theory  | 2,000.00              | 2018                        | 11.09.2018 09:23       |
| 69      | PN-III-P1-1.1-PRECISI-2018-27025 | Sandor     | Attila            | Illustrated redescription of the male of Ixodes simplex Neumann, 1906   | 2,000.00              | 2018                        | 11.09.2018 09:32       |
| 70      | PN-III-P1-1.1-PRECISI-2018-27028 | Niu        | Yifei             | Low-energy quadrupole states in neutron-rich tin nuclei   | 2,000.00              | 2018                        | 11.09.2018 09:36       |

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| 71      | PN-III-P1-1.1-PRECISI-2018-27030 | Ciucu          | Anton Alexandru  | Rapid voltammetric method for quinine determination in soft drinks  | 6,000.00              | 2018                        | 11.09.2018 09:44       |
| 72      | PN-III-P1-1.1-PRECISI-2018-27033 | Niu            | Yifei            | High precision nuclear mass predictions towards a hundred kilo-electron-volt accuracy   | 6,000.00              | 2018                        | 11.09.2018 09:52       |
| 73      | PN-III-P1-1.1-PRECISI-2018-27037 | Gingasu        | Dana             | Synthesis and Characterization of Chitosan-Coated Cobalt Ferrite Nanoparticles and Their Antimicrobial Activity                           | 2,000.00              | 2018                        | 11.09.2018 10:52       |
| 74      | PN-III-P1-1.1-PRECISI-2018-27039 | DUMITRU        | POPA             | Korovkin-type results for multivariate functions which are periodic with respect to one variable  | 2,000.00              | 2018                        | 11.09.2018 11:32       |
| 75      | PN-III-P1-1.1-PRECISI-2018-27040 | Baltag         | Emanuel          | Common Buzzards Buteo buteo wintering in Eastern Romania: habitat use and climatic factors affecting their abundance                      | 2,000.00              | 2018                        | 11.09.2018 11:35       |
| 76      | PN-III-P1-1.1-PRECISI-2018-27042 | Ghimici        | Luminita         | Flocculation characteristics of a biodegradable polymer based on dextran  | 6,000.00              | 2018                        | 11.09.2018 12:05       |
| 77      | PN-III-P1-1.1-PRECISI-2018-27046 | Magdas         | Dana Alina       | Optimization of oxygen-18 ratio measurements by equilibration Isotope ratio mass spectrometry using various water content matrices        | 6,000.00              | 2018                        | 11.09.2018 13:44       |
| 78      | PN-III-P1-1.1-PRECISI-2018-27049 | Faurescu       | Ionut            | Modulation of Cosmogenic Tritium in Meteoric Precipitation by the 11-year Cycle of Solar Magnetic Field Activity                          | 6,000.00              | 2018                        | 11.09.2018 15:08       |
| 79      | PN-III-P1-1.1-PRECISI-2018-27052 | Artene         | Stefan-Alexandru | Comparative effect of immunotherapy and standard therapy in patients with high grade glioma: a meta-analysis of published clinical trials | 6,000.00              | 2018                        | 11.09.2018 15:50       |
| 80      | PN-III-P1-1.1-PRECISI-2018-27055 | Bozga          | Grigore          | An Evaluation of Published Kinetic Models for Vapor Phase Methanol Conversion to Dimethyl Ether over the H-ZSM-5 Catalyst                 | 6,000.00              | 2018                        | 11.09.2018 15:55       |
| 81      | PN-III-P1-1.1-PRECISI-2018-27057 | Albulescu      | Claudiu          | The economic, social and environmental impact of shale gas exploitation in Romania: A cost-benefit analysis                               | 10,000.00             | 2018                        | 11.09.2018 17:15       |
| 82      | PN-III-P1-1.1-PRECISI-2018-27058 | Luca Tudorache | Rodica           | On a class of nonlinear singular Riemann-Liouville fractional differential equations  | 6,000.00              | 2018                        | 12.09.2018 00:39       |
| 83      | PN-III-P1-1.1-PRECISI-2018-27064 | Lungu          | Mihai            | Neural network based adaptive control of airplane's lateral-directional motion during final approach phase of landing                     | 6,000.00              | 2018                        | 12.09.2018 11:45       |
| 84      | PN-III-P1-1.1-PRECISI-2018-27070 | MAXIM          | ANCA             | An industrially relevant formulation of a distributed model predictive control algorithm based on minimal process information             | 6,000.00              | 2018                        | 12.09.2018 12:55       |

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| 85      | PN-III-P1-1.1-PRECISI-2018-27073 | Rapeanu    | Gabriela       | Antioxidative Capacity of and Contaminant Concentrations in Processed Plum Products Consumed in Romania                               | 2,000.00              | 2018                        | 12.09.2018 13:16       |
| 86      | PN-III-P1-1.1-PRECISI-2018-27075 | Pop        | Ioan           | Effect of local heater size and position on natural convection in a tilted nanofluid porous cavity using LTNE and Buongiorno's models | 2,000.00              | 2018                        | 12.09.2018 13:42       |
| 87      | PN-III-P1-1.1-PRECISI-2018-27078 | Boda       | Francisc       | Effect of Vipera ammodytes ammodytes Snake Venom on the Human Cytokine Network  | 6,000.00              | 2018                        | 12.09.2018 13:49       |
| 88      | PN-III-P1-1.1-PRECISI-2018-27079 | Ignat      | Ioan Liviu     | NULL-CONTROLLABILITY OF THE LINEAR KURAMOTO-SIVASHINSKY EQUATION ON STAR-SHAPED TREES   | 6,000.00              | 2018                        | 12.09.2018 14:04       |
| 89      | PN-III-P1-1.1-PRECISI-2018-27081 | Ruta       | Simona         | Sex-based differences in neurocognitive functioning in HIV-infected young adults  | 6,000.00              | 2018                        | 12.09.2018 14:11       |
| 90      | PN-III-P1-1.1-PRECISI-2018-27083 | Zsigmond   | Andreea-Rebeka | Elemental composition of wild growing Agaricus campestris mushroom in urban and peri-urban regions of Transylvania (Romania)          | 6,000.00              | 2018                        | 12.09.2018 17:12       |
| 91      | PN-III-P1-1.1-PRECISI-2018-27085 | Popa       | Monica         | Electrochemical testing of a novel alloy in natural and artificial body fluids  | 2,000.00              | 2018                        | 12.09.2018 17:49       |
| 92      | PN-III-P1-1.1-PRECISI-2018-27088 | Popescu    | Diana          | FDM process parameters influence over the mechanical properties of polymer specimens: A review  | 2,000.00              | 2018                        | 12.09.2018 19:39       |
| 93      | PN-III-P1-1.1-PRECISI-2018-27090 | Popescu    | Irina          | Dual-responsive hydrogels based on maleilated curdlan-graft-poly(N-isopropylacrylamide)   | 2,000.00              | 2018                        | 13.09.2018 08:15       |
| 94      | PN-III-P1-1.1-PRECISI-2018-27094 | Elisa      | Mihail         | CdS/ZnS-doped silico-phosphate films prepared by sol-gel synthesis  | 6,000.00              | 2018                        | 13.09.2018 09:33       |
| 95      | PN-III-P1-1.1-PRECISI-2018-27097 | Totelecan  | Silviu G.      | Assemblages of Urban Leisure Culture in Inner-City Bucharest  | 6,000.00              | 2018                        | 13.09.2018 11:44       |
| 96      | PN-III-P1-1.1-PRECISI-2018-27100 | JIPA       | Florin-Cosmin  | High Repetition Rate UV versus VIS Picosecond Laser Fabrication of 3D Microfluidic Channels Embedded in Photosensitive Glass          | 6,000.00              | 2018                        | 13.09.2018 12:38       |
| 97      | PN-III-P1-1.1-PRECISI-2018-27102 | Moldovan   | Bianca Elena   | Biosynthesis of Silver Nanoparticles Using Ligustrum Ovalifolium Fruits and Their Cytotoxic Effects                                   | 6,000.00              | 2018                        | 13.09.2018 12:52       |
| 98      | PN-III-P1-1.1-PRECISI-2018-27106 | Toma       | Vlad-Alexandru | In vivo evaluation of hemerythrin-based oxygen carriers: Similarities with hemoglobin-based counterparts                              | 6,000.00              | 2018                        | 13.09.2018 15:27       |

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**Lista 9 - Cereri premiere depuse pentru articole publicate in anul 2018 - 17.09.2018, ora 13.00**

| Nr. Crt | Cod depunere                     | Nume autor | Prenume autor    | Titlu articol  | Suma solicitata (lei) | Anul publicarii articolului | Data finalizare cerere |
|---------|----------------------------------|------------|------------------|--|-----------------------|-----------------------------|------------------------|
| 99      | PN-III-P1-1.1-PRECISI-2018-27109 | Vadineanu  | Angheluta        | Operationalising ecosystem service assessment in Bayesian Belief Networks: Experiences within the OpenNESS project   | 6,000.00              | 2018                        | 13.09.2018 15:52       |
| 100     | PN-III-P1-1.1-PRECISI-2018-27115 | Barbu      | Ene              | CONSTRUCTAL APPROACH ON THE FEASIBILITY OF COMPRESSED AIR TEMPERATURE CONTROL BY EVAPORATIVE COOLING IN GAS TURBINE POWER PLANTS   | 2,000.00              | 2018                        | 13.09.2018 17:02       |
| 101     | PN-III-P1-1.1-PRECISI-2018-27118 | Cotfas     | Daniet Tudor     | Experimental and numerical investigation of hybrid concentrated photovoltaic - Thermoelectric module under low solar concentration   | 6,000.00              | 2018                        | 13.09.2018 19:52       |
| 102     | PN-III-P1-1.1-PRECISI-2018-27120 | Onea       | Florin           | A Comparative Analysis of the Wind and Wave Climate in the Black Sea Along the Shipping Routes   | 2,000.00              | 2018                        | 14.09.2018 07:06       |
| 103     | PN-III-P1-1.1-PRECISI-2018-27124 | Viespe     | Cristian         | Characteristics of Surface Acoustic Wave Sensors with Nanoparticles Embedded in Polymer Sensitive Layers for VOC Detection   | 6,000.00              | 2018                        | 14.09.2018 09:41       |
| 104     | PN-III-P1-1.1-PRECISI-2018-27127 | Necula     | Sabina-Cristiana | Enhancement of E-Commerce Websites with Semantic Web Technologies  | 2,000.00              | 2018                        | 14.09.2018 10:59       |
| 105     | PN-III-P1-1.1-PRECISI-2018-27129 | Sbarcea    | Madalina         | Creating Green Space Sustainability through Low-Budget and Upcycling Strategies  | 2,000.00              | 2018                        | 14.09.2018 11:16       |
| 106     | PN-III-P1-1.1-PRECISI-2018-27130 | Popescu    | Maria-Cristina   | Structural and morphological evaluation of CNC reinforced PVA/Starch biodegradable films   | 6,000.00              | 2018                        | 14.09.2018 11:36       |
| 107     | PN-III-P1-1.1-PRECISI-2018-27133 | APETRII    | MUGUREL          | Bone and mineral disorders in chronic kidney disease: implications for cardiovascular health and ageing in the general population<br>Bone and mineral disorders in chronic kidney disease: implications for cardiovascular health and ageing in the general population | 6,000.00              | 2018                        | 14.09.2018 13:33       |
| 108     | PN-III-P1-1.1-PRECISI-2018-27136 | Csiki Sava | Zoltan           | Partial mandible of a giant pterosaur from the uppermost Cretaceous (Maastrichtian) of the Hațeg Basin, Romania  | 6,000.00              | 2018                        | 14.09.2018 13:40       |
| 109     | PN-III-P1-1.1-PRECISI-2018-27139 | ADRIANA    | PAUCEAN          | Folic acid, minerals, amino-acids, fatty acids and volatile compounds of green and red lentils. Folic acid content optimization in wheat-lentils composite flours  | 2,000.00              | 2018                        | 14.09.2018 13:49       |
| 110     | PN-III-P1-1.1-PRECISI-2018-27141 | Nicolae    | Florin           | Additive bases with coefficients of new forms  | 2,000.00              | 2018                        | 14.09.2018 14:07       |
| 111     | PN-III-P1-1.1-PRECISI-2018-27142 | VRINCEANU  | NARCISA          | Correlation Between Surface Engineering and Deformation Response of Some Natural Polymer Fibrous Systems   | 2,000.00              | 2018                        | 14.09.2018 14:20       |



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| 112     | PN-III-P1-1.1-PRECISI-2018-27145 | Leca            | Stefan          | What is socio-ecological research delivering? A literature survey across 25 international LTSER platforms                                   | 6,000.00              | 2018                        | 14.09.2018 15:46       |
| 113     | PN-III-P1-1.1-PRECISI-2018-27148 | Badea           | Nicolae Ovidiu  | Integrating methods for ecosystem service assessment: Experiences from real world situations  | 6,000.00              | 2018                        | 14.09.2018 15:53       |
| 114     | PN-III-P1-1.1-PRECISI-2018-27151 | Badea           | Nicolae Ovidiu  | Ozone risk assessment is affected by nutrient availability: Evidence from a simulation experiment under free air controlled exposure (FACE) | 6,000.00              | 2018                        | 14.09.2018 16:06       |
| 115     | PN-III-P1-1.1-PRECISI-2018-27154 | Poppe           | Laszlo          | Smart Nanoparticles for Selective Immobilization of Acid Phosphatases   | 6,000.00              | 2018                        | 14.09.2018 17:46       |
| 116     | PN-III-P1-1.1-PRECISI-2018-27156 | PAIZS           | CSABA           | Co-immobilized Whole Cells with omega-Transaminase and Ketoreductase Activities for Continuous-Flow Cascade Reactions                       | 6,000.00              | 2018                        | 14.09.2018 17:49       |
| 117     | PN-III-P1-1.1-PRECISI-2018-27157 | Oprea           | Simona Vasilica | Analyses of Distributed Generation and Storage Effect on the Electricity Consumption Curve in the Smart Grid Context                        | 2,000.00              | 2018                        | 14.09.2018 20:29       |
| 118     | PN-III-P1-1.1-PRECISI-2018-27160 | Sergiu          | Vacaru          | Starobinsky inflation and dark energy and dark matter effects from quasicrystal like spacetime structures                                   | 6,000.00              | 2018                        | 14.09.2018 22:25       |
| 119     | PN-III-P1-1.1-PRECISI-2018-27163 | Sergiu          | Vacaru          | Deforming black hole and cosmological solutions by quasiperiodic and/or pattern forming structures in modified and Einstein gravity         | 6,000.00              | 2018                        | 14.09.2018 22:28       |
| 120     | PN-III-P1-1.1-PRECISI-2018-27166 | Fanea-Ivanovici | Mina            | Culture as a Prerequisite for Sustainable Development. An Investigation into the Process of Cultural Content Digitisation in Romania        | 2,000.00              | 2018                        | 14.09.2018 23:19       |
| 121     | PN-III-P1-1.1-PRECISI-2018-27172 | Csata           | Zsombor         | Linguistic Origins of Gender Equality and Women's Rights  | 10,000.00             | 2018                        | 15.09.2018 22:09       |
| 122     | PN-III-P1-1.1-PRECISI-2018-27175 | Rimbis          | Roxana Cristina | NEW DEFINITION CRITERIA OF MYOCARDIAL DYSFUNCTION IN PATIENTS WITH LIVER CIRRHOSIS: A SPECKLE TRACKING AND TISSUE DOPPLER IMAGING STUDY     | 6,000.00              | 2018                        | 15.09.2018 23:00       |
| 123     | PN-III-P1-1.1-PRECISI-2018-27177 | zaharescu       | alexandru       | Zeros of combinations of the Riemann Xi-function and the confluent hypergeometric function on bounded vertical shifts                       | 6,000.00              | 2018                        | 16.09.2018 01:13       |
| 124     | PN-III-P1-1.1-PRECISI-2018-27178 | zaharescu       | alexandru       | Zeros of normalized combinations of $\xi(k)(s)$ on $\text{Re}(s)=1/2$   | 6,000.00              | 2018                        | 16.09.2018 01:15       |
| 125     | PN-III-P1-1.1-PRECISI-2018-27180 | Barbu           | Viorel          | Probabilistic representation for solutions to nonlinear Fokker-Planck equations   | 6,000.00              | 2018                        | 16.09.2018 10:16       |

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| 126     | PN-III-P1-1.1-PRECISI-2018-27184 | Barbu      | Viorel          | Nonlinear Fokker-Planck equations driven by Gaussian linear multiplicative noise   | 6,000.00              | 2018                        | 16.09.2018 10:32       |
| 127     | PN-III-P1-1.1-PRECISI-2018-27187 | Iacob      | Andreea-Teodora | Preparation, Characterization and Wound Healing Effects of New Membranes Based on Chitosan, Hyaluronic Acid and Arginine Derivatives | 6,000.00              | 2018                        | 16.09.2018 11:05       |
| 128     | PN-III-P1-1.1-PRECISI-2018-27189 | van Staden | Raluca-Ioana    | Molecular Recognition of Nitrites and Nitrates in Water Samples Using Graphene-Based Stochastic Microsensors                         | 6,000.00              | 2018                        | 16.09.2018 15:29       |
| 129     | PN-III-P1-1.1-PRECISI-2018-27190 | Moca       | Pascu Catalin   | Semiclassical theory of front propagation and front equilibration following an inhomogeneous quantum quench                          | 6,000.00              | 2018                        | 16.09.2018 19:08       |
| 130     | PN-III-P1-1.1-PRECISI-2018-27196 | Lupulescu  | Vasile          | A note on initial value problems for fractional fuzzy differential equations   | 6,000.00              | 2018                        | 17.09.2018 07:01       |
| 131     | PN-III-P1-1.1-PRECISI-2018-27198 | Dorin      | RADU            | Determining the crack acceptability in the welded joints of a wind loaded cylindrical steel shell structure                          | 2,000.00              | 2018                        | 17.09.2018 10:18       |