



Αθήνα, 15.11.2022

## ΑΝΑΚΟΙΝΩΣΗ

Η Σύγκλητος (Συνεδρίαση 01.11.2022) αποφάσισε τη χορήγηση του Θωμαΐδειου Βραβείου για τις δημοσιεύσεις έτους 2021 στους 199 δικαιούχους των 197 εργασιών, που πληρούν τις προϋποθέσεις προς βράβευση, ως ακολούθως:

1. 145 δημοσιεύσεων σε επιστημονικά **περιοδικά** με ποσό ύψους **517,08 €** ανά εργασία σύμφωνα με τον Πίνακα 1 και
2. 52 δημοσιεύσεις σε συνέδρια με ποσό ύψους **480,62 €** ανά εργασία σύμφωνα με τον Πίνακα 2.

Τυχόν ενστάσεις μπορούν να υποβληθούν από την ανάρτηση της σχετικής απόφασης στην ιστοσελίδα του ΕΜΠ και στην προθήκη του Τμήματος Φοιτητικής Μέριμνας, έως και τις **24.11.2022**.

Η απόφαση της Συγκλήτου και τα σχετικά παραστατικά για την επίδοση του εν λόγω βραβείου θα διαβιβασθούν στο Υπουργείο Παιδείας & Θρησκευμάτων και στην Αποκεντρωμένη Διοίκηση Αττικής για την τελική έγκριση. Κατόπιν έγκρισης της επίδοσής του, θα εκδοθούν από τη Διεύθυνση Οικονομικών Υπηρεσιών / Τμήμα Διαχείρισης Περιουσίας, τα αντίστοιχα χρηματικά εντάλματα στο όνομα των δικαιούχων.

**Πίνακας 1**  
**Περιοδικά 2021**

A/A	Επίθετο	Όνομα	Τίτλος εργασίας	Ποσό
1	HUSSEIN	ALAA	A Modified Triple-Diode Model Parameters Identification for Perovskite Solar Cells via Nature-Inspired Search Optimization Algorithms	517,08
2	ΑΓΙΟΥΤΑΝΤΗΣ	ΠΑΝΑΓΙΩΤΗΣ	Microbiome Research and Multi-Omics Integration for Personalized Medicine in Asthma	517,08

3	ΑΓΡΑΦΙΩΤΗΣ	ΠΑΝΑΓΙΩΤΗΣ	Learning from Synthetic Data: Enhancing Refraction Correction Accuracy for Airborne Image-Based Bathymetric Mapping of Shallow Coastal Waters	517,08
4	ΑΛΑΤΖΑ	ΣΤΑΥΡΟΥΛΑ - ΔΡΟΣΟΥΛΑ	Landslide Susceptibility Mapping of Central and Western Greece, Combining NGI and WoE Methods, with Remote Sensing and Ground Truth Data	517,08
5	ΑΛΕΞΑΚΗΣ	ΘΕΟΔΩΡΟΣ	An advanced abnormal behavior detection engine embedding autoencoders for the investigation of financial transactions	517,08
6	ΑΛΙΜΗΣΗΣ	ΒΑΣΙΛΕΙΟΣ	Analog Gaussian Function Circuit: Architectures, Operating Principles and Applications	517,08
7	ΑΝΔΡΕΟΥ	ΦΕΒΡΩΝΙΑ	Intercalation of N-methylformamide in kaolinite: In situ monitoring by near-infrared spectroscopy and X-ray diffraction	517,08
8	ΑΝΔΡΕΟΥ	ΒΑΡΒΑΡΑ	Effect of pulsed electric field treatment on the kinetics of rehydration, textural properties, and the extraction of intracellular compounds of dried chickpeas	517,08
9	ΑΠΟΣΤΟΛΟΠΟΥΛΟΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	Crowdsourced Geospatial Infrastructure for Coastal Management and Planning for Emerging Post COVID-19 Tourism Demand	517,08
10	ΑΠΟΣΤΟΛΟΠΟΥΛΟΣ	ΒΑΣΙΛΕΙΟΣ	Seizing the Potential of Transport Pooling in Urban Logistics-The Case of Thriasio Logistics Centre in Greece	517,08
11	ΑΠΟΣΤΟΛΟΠΟΥΛΟΥ	ΜΑΡΙΑ	Mechanical and physical performance of natural hydraulic lime mortars	517,08
12	ΑΡΜΕΝΙΑΚΟΣ	ΓΕΩΡΓΙΟΣ	Design Space Exploration on High-Order QAM Demodulation Circuits: Algorithms, Arithmetic and Approximation Techniques	517,08
13	ΑΣΛΑΝΙΔΗΣ	ΕΥΑΓΓΕΛΟΣ	Resistive crack-based nanoparticle strain sensors with extreme sensitivity and adjustable gauge factor, made on flexible substrates	517,08
14	ΑΣΠΙΩΤΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	Durability assessment of self-healing in ordinary Portland cement concrete containing chemical additives	517,08
15	ΑΥΓΕΡΗΣ	ΜΑΡΙΟΣ	Task offloading in Edge and Cloud Computing: A survey on mathematical, artificial intelligence and control theory solutions	517,08
16	ΒΕΝΕΤΣΑΝΟΣ	ΒΑΣΙΛΕΙΟΣ - ΟΔΥΣΣΕΑΣ	Crashworthiness Performance of Alluminium GFRP and Hybrid Aluminium/GFRP Circular Tubes under Quasi-Static and Dynamic Axial Loading Conditions: A comparative Experimental Study	517,08
17	ΒΕΡΝΑΡΔΟΣ	ΣΤΥΛΙΑΝΟΣ	Experimental and numerical investigation of steel-grout-steel sandwich shells for wind turbine towers	517,08



18	ΒΕΡΥΚΟΚΟΥ	ΣΤΥΛΙΑΝΗ	A Comparative Analysis of Different Software Packages for 3D Modelling of Complex Geometries	517,08
19	ΓΕΩΡΓΙΟΠΟΥΛΟΥ	ΙΟΥΛΙΑ	Recycling of post-consumer multilayer Tetra Pak® packaging with the Selective Dissolution-Precipitation process	517,08
20	ΓΕΩΡΓΟΠΟΥΛΟΣ	ΓΕΩΡΓΙΟΣ	Thermally and mechanically treated Greek palygorskite clay as a pozzolanic material	517,08
21	ΓΚΕΣΟΥΛΗΣ	ΑΘΑΝΑΣΙΟΣ	PdI Regulation for Consensus: Application to Unknown Pure-Feedback Agents With State and Communication Delays	517,08
22	ΓΚΙΚΑΣ	ΒΑΣΙΛΕΙΟΣ	Primary Support Design for Sequentially Excavated Tunnel Junctions in Strain-Softening Hoek-Brown Rock Mass	517,08
23	ΓΚΥΡΤΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	Integrating Pavement Sensing Data for Pavement Condition Evaluation	517,08
24	ΓΡΟΝΤΑΣ	ΠΑΝΑΓΙΩΤΗΣ	Publicly Auditable Conditional Blind Signatures	517,08
25	ΔΑΣΚΑΛΑΚΗΣ	ΕΜΜΑΝΟΥΗΛ	Performance of Machine Learning-Based Multi-Model Voting Ensemble Methods for Network Threat Detection in Agriculture 4.0	517,08
26	ΔΕΛΕΝΤΑΣ	ΑΝΔΡΕΑΣ	Analyzing Stability Conditions and Ore Dilution in Open Stope Mining	517,08
27	ΔΗΜΑΣ	ΧΡΗΣΤΟΣ	An Efficient Point-Matching Method-of-Moments for 2D and 3D Electrical Impedance Tomography Using Radial Basis Functions	517,08
28	ΔΗΜΟΛΙΤΣΑΣ	ΙΩΑΝΝΗΣ	Edge Cloud Selection: The Essential Step for Network Service Marketplaces	517,08
29	ΔΟΜΕΤΙΟΣ	ΑΘΑΝΑΣΙΟΣ	The i-Walk Lightweight Assistive Rollator: First Evaluation Study	517,08
30	ΔΡΟΣΑΤΟΣ	ΠΑΝΑΓΙΩΤΗΣ	Model Predictive Control for the Energy Management in a District of Buildings Equipped with Building Integrated Photovoltaic Systems and Batteries	517,08
31	ΕΥΑΓΓΕΛΟΠΟΥΛΟΣ	ΒΑΣΙΛΕΙΟΣ	Heterogeneous aggregators competing in a local flexibility market for active distribution system management: A bi-level programming approach	517,08
32	ΕΦΡΑΙΜ	ΧΡΙΣΤΟΣ	Minimizing the Installation Cost of Ground Stations in Satellite Networks: Complexity, Dynamic Programming and Approximation Algorithm	517,08
33	ΖΕΝΕΛΗ	ΜΥΡΤΩ	Introducing a 1D numerical model for the simulation of PN junctions of varying spectral material properties and operating conditions	517,08
34	ΖΙΑΚΟΠΟΥΛΟΣ	ΑΠΟΣΤΟΛΟΣ	Spatial analysis of harsh driving behavior events in urban networks using high-resolution smartphone and geometric data	517,08
35	ΗΛΙΑΣ	ΛΟΥΚΑΣ	Detecting malicious activity in Twitter using deep learning techniques	517,08

36	ΗΛΙΑΔΗ	ΣΙΜΟΝΗ	Psychopathology and Metaphysics: Can one be a realist about mental disorder?	517,08
37	ΗΛΙΑΚΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	Repurposing GPU Microarchitectures with Light-Weight Out-Of-Order Execution	517,08
38	ΘΕΟΔΩΡΑΚΟΠΟΥΛΟΣ	ΓΕΩΡΓΙΟΣ	Structuring efficient photocatalysts into bespoke fiber shaped systems for applied water treatment	517,08
39	ΙΩΑΝΝΟΥ	ΟΡΕΣΤΗΣ	Membrane action of cladding subjected to blast loading and effects on the supporting structure	517,08
40	ΚΑΖΑΓΚΑΣ	ΔΗΜΗΤΡΗΣ	Effects of $\text{NO}_x$ - $\text{SO}_x$ Addition on Methane Ignition: Toward a Kinetic Understanding for Marine Engine Applications	517,08
41	ΚΑΚΚΑΒΑΣ	ΓΡΗΓΟΡΙΟΣ	Network Tomography for Efficient Monitoring in SDN-Enabled 5G Networks and Beyond: Challenges and Opportunities	517,08
42	ΚΑΛΛΙΤΣΗΣ - ΜΠΟΥΡΛΟΣ	ΝΙΚΟΛΑΟΣ	Buckling Strength Assessment of Composite Patch Repair Used for the Rehabilitation of Corroded Marine Plates	517,08
43	ΚΑΛΟΓΗΡΟΥ	ΧΑΡΑΛΑΜΠΙΑ - ΣΤΑΜΑΤΙΑ	Study on the influence of advanced treatment processes on the surface properties of polylactic acid for a bio-based circular economy for plastics	517,08
44	ΚΑΠΑΣΑΚΑΛΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	STIFF vertical seismic absorbers	517,08
45	ΚΑΡΑΚΑΣΗΣ	ΑΘΑΝΑΣΙΟΣ	Black holes of (2+1)-dimensional $f(R)$ gravity coupled to a scalar field	517,08
46	ΚΑΡΚΑΛΟΣ	ΝΙΚΟΛΑΟΣ	Experimental Study on the Sustainability Assessment of AWJ Machining of Ti-6Al-4V using Glass Beads Abrasive Particles	517,08
47	ΚΑΣΕΛΙΜΗ	ΜΑΡΙΑ	Deep Recurrent Neural Networks for Ionospheric Variations Estimation Using GNSS Measurements	517,08
48	ΚΑΤΣΑΜΕΝΗΣ	ΙΑΣΩΝ	A Few-Shot U-Net Deep Learning Model for COVID-19 Infected Area Segmentation in CT Images	517,08
49	ΚΑΤΣΙΜΙΧΑΣ	ΑΛΕΞΑΝΔΡΟΣ - ΒΑΣΙΛΕΙΟΣ	Pulsed Electric Fields-Assisted Drying and Frying of Fresh Zucchini	517,08
50	ΚΑΤΣΙΝΟΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	Cutoff wavenumbers of multilayered gyrotropic circular waveguides	517,08
51	ΚΑΤΩΠΟΔΗ	ANNITA	Solid Lipid Nanoparticles and Nanostructured Lipid Carriers of natural products as promising systems for their bioactivity enhancement: The case of essential oils and flavonoids	517,08
52	ΚΕΚΕΣ	ΤΡΥΦΩΝ	Hexavalent chromium adsorption onto crosslinked chitosan and chitosan/ $\beta$ -cyclodextrin beads: Novel materials for water decontamination	517,08
53	ΚΙΤΣΙΟΣ	ΣΤΑΥΡΟΣ	Impact of Active Electrode on the Synaptic Properties of $\text{SiO}_2$ -Based Forming-Free Conductive Bridge Memory	517,08



54	ΚΟΑΣΙΔΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	Where is the EU headed given its current climate policy? A stakeholder-driven model inter-comparison	517,08
55	ΚΟΚΑΛΗΣ	ΧΡΗΣΤΟΣ - ΧΡΙΣΤΟΔΟΥΛΟΣ	A Proposal for the Evaluation of HTV Silicone Rubber Composite Insulators	517,08
56	ΚΟΛΕΖΑΣ	ΓΕΩΡΓΙΟΣ	EBCM for electromagnetic modeling of gyrotropic BoRs	517,08
57	ΚΟΛΙΟΓΕΩΡΓΗ	ΚΩΝΣΤΑΝΤΙΝΑ	Dataflow Acceleration for Short Read Alignment on NGS Data	517,08
58	ΚΟΝΤΑΞΗ	ΑΡΜΙΡΑ	Trip characteristics impact on the frequency of harsh events recorded via smartphone sensors	517,08
59	ΚΟΝΤΟΓΙΑΝΝΗΣ	ΑΝΔΡΕΑΣ	A Personalized Machine-Learning-Enabled Method for Efficient Research in Ethnopharmacology. The Case of the Southern Balkans and the Coastal Zone of Asia Minor	517,08
60	ΚΟΥΓΙΟΥΜΤΖΗΣ	ΜΙΧΑΗΛ - ΑΛΕΞΑΝΔΡΟΣ	Monitoring feedstock losses over five months storage of olive tree pruning hog fuel in piles. Comparison of covered vs. uncovered storage	517,08
61	ΚΟΥΛΟΧΕΡΗΣ	ΒΑΣΙΛΕΙΟΣ	Calculating the chemical and phase equilibria of mercury in natural gas	517,08
62	ΚΟΥΡΤΗΣ	ΙΩΑΝΝΗΣ	Adaptation of urban drainage networks to climate change: A review	517,08
63	ΚΟΥΤΡΟΥΜΠΙΑ	ΝΙΚΟΛΕΤΤΑ - ΜΑΡΙΑ	Automated Grouping of Nanomaterials and Read-Across Prediction of Their Adverse Effects Based on Mathematical Optimization	517,08
64	ΚΟΥΨΙΔΑΣ	ΑΘΑΝΑΣΙΟΣ	How did the COVID-19 pandemic impact traveler behavior toward public transport? The case of Athens, Greece	517,08
65	ΚΩΤΣΑΝΗ	ΝΑΤΑΛΙΑ	Towards a Singing Voice Multi-Sensor Analysis Tool: System Design and Assessment Based on Vocal Breathiness	517,08
66	ΛΑΪΝΑ	ΚΩΝΣΤΑΝΤΙΝΑ - ΘΕΟΔΩΡΑ	Process Design for the Extraction of Bioactive Compounds from Several Mediterranean Medicinal Plants	517,08
67	ΛΑΠΠΑ	ΑΓΓΕΛΙΚΗ	A sum of squares triple exponentially weighted moving average control chart	517,08
68	ΛΑΧΑΝΑΣ	ΧΡΗΣΤΟΣ	Seismic response distribution expressions for on-ground rigid rocking blocks under ordinary ground motions	517,08
69	ΛΕΩΝ	ΒΑΣΙΛΕΙΟΣ	Development and Testing on the European Space-Grade BRAVE FPGAs: Evaluation of NG-Large Using High-Performance DSP Benchmarks	517,08
70	ΛΗΜΝΑΙΟΣ	ΑΘΑΝΑΣΙΟΣ	Effect of high pressure on the proteolytic activity and autolysis of yeast <i>Saccharomyces cerevisiae</i>	517,08
71	ΛΥΚΑΣ	ΠΑΝΑΓΙΩΤΗΣ	Multi-objective optimization of a solar-driven polygeneration system based on CO <sub>2</sub> working fluid	517,08
72	ΜΑΚΡΥΒΕΛΙΟΣ	ΕΥΑΓΓΕΛΟΣ	Data for absorption evaluation and effectiveness of R&D projects in Greece	517,08

73	ΜΑΜΑΤΣΗΣ	ΑΘΑΝΑΣΙΟΣ - ΡΑΦΗΛΑ	Analysis, Evaluation and Exact Tracking of the Finite Precision Error Generated in Arbitrary Number of Multiplications	517,08
74	ΜΑΝΤΟΥΚΑ	ΕΛΕΝΗ	Smartphone sensing for understanding driving behavior: Current practice and challenges	517,08
75	ΜΑΡΑΝΤΟΣ	ΧΑΡΑΛΑΜΠΟΣ	Decision support for GPU acceleration by predicting energy savings and programming effort	517,08
76	ΜΑΡΓΕΤΗΣ	ΑΝΔΡΕΑΣ - ΣΤΕΦΑΝΟΣ	Lossy compression techniques supporting unsteady adjoint on 2D/3D unstructured grids	517,08
77	ΜΑΤΡΑΓΚΟΣ	ΒΑΣΙΛΕΙΟΣ	Grade impact investigation during stopping sight distance determination on 3D road environment	517,08
78	ΜΕΝΔΡΙΝΟΥ	ΠΑΝΑΓΙΩΤΑ	Simultaneous removal of soluble metal species and nitrate from acidic and saline industrial wastewater in a pilot-scale biofilm reactor	517,08
79	ΜΕΤΖΑΚΗΣ	ΙΩΑΝΝΗΣ	Pathomics and Deep Learning Classification of a Heterogeneous Fluorescence Histology Image Dataset	517,08
80	ΜΕΧΙΑΗ	ΜΑΡΙΑ	Research progress in transition metal oxide based bifunctional electrocatalysts for aqueous electrically rechargeable zinc-air batteries	517,08
81	ΜΙΚΑΕΛΙΑΝ	ΓΕΩΡΓΙΟΣ	In silico study of levodopa in hydrated lipid bilayers at the atomistic level	517,08
82	ΜΙΧΕΛΑΡΑΚΗ	ΕΥΑΝΘΙΑ	Post-trip safety interventions: State-of-the-art, challenges, and practical implications	517,08
83	ΜΟΥΛΙΝΟΣ	ΙΩΣΗΦ	A Computational Analysis for Active Flow and Pressure Control Using Moving Roller Peristalsis	517,08
84	ΜΠΑΝΗΣ	ΑΛΕΞΑΝΔΡΟΣ	The formation of a mixed martensitic/bainitic microstructure and the retainment of austenite in a medium-carbon steel during ultra-fast heating	517,08
85	ΜΠΑΞΕΒΑΝΑΚΗΣ	ΔΗΜΗΤΡΙΟΣ	An intermodulation distortion estimation method for linear CMOS circuits	517,08
86	ΜΠΑΡΤΖΩΚΑΣ - ΤΣΙΟΜΠΡΑΣ	ΑΛΕΞΑΝΔΡΟΣ	Microscale Walkability Modelling. The Case of Athens City Centre	517,08
87	ΜΠΕΛΕΣΙΩΤΗΣ	ΓΕΩΡΓΙΟΣ	Universal electrolyte for DSSC operation under both simulated solar and indoor fluorescent lighting	517,08
88	ΜΠΙΛΛΑΛΗΣ	ΗΛΙΑΣ	Dissimilar welding between conventional and high strength low alloy naval steels with the use of robotic metal cored arc welding	517,08
89	ΜΥΛΩΝΑΚΗ	ΜΑΡΙΑ	Aerosol type classification analysis using EARLINET multiwavelength and depolarization lidar observations	517,08
90	ΝΙΚΟΛΑΟΥ	ΔΗΜΗΤΡΙΟΣ	Correlations of multiple rider behaviors with self-reported attitudes, perspectives on traffic rule strictness and social desirability	517,08



91	ΟΙΚΟΝΟΜΟΥ	ΜΑΡΙΑ	Quantifying the implementation impacts of a point to point automated urban shuttle service in a large-scale network	517,08
92	ΠΑΝΑΓΟΠΟΥΛΟΣ	ΑΡΓΥΡΗΣ	Energetic, economic and environmental assessment of zero liquid discharge (ZLD) brackish water and seawater desalination systems	517,08
93	ΠΑΝΙΤΣΑ	ΟΛΓΑ - ΑΝΔΡΙΑΝΑ	One-part Geopolymer Synthesis of Greek Fly Ash	517,08
94	ΠΑΠΑΓΕΩΡΓΙΟΥ	ΠΑΝΑΓΙΩΤΗΣ	CentOS Linux for the ATLAS MUCTPI Upgrade	517,08
95	ΠΑΠΑΔΟΠΟΥΛΟΥ	ΣΟΦΙΑ	Influence of Uniaxial Deformation on Texture Evolution and Anisotropy of 3104 Al Sheet with Different Initial Microstructure	517,08
96	ΠΑΠΑΖΟΓΛΟΥ	ΛΑΖΑΡΟΣ - ΕΜΜΑΝΟΥΗΛ	A study on Electrical Discharge Machining of Titanium Grade2 with experimental and theoretical analysis	517,08
97	ΠΑΠΑΖΩΤΟΣ	ΠΑΝΑΓΙΩΤΗΣ	Potentially toxic elements in groundwater: a hotspot research topic in environmental science and pollution research	517,08
98	ΠΑΠΑΚΩΝΣΤΑΝΤΙΝΟ-ΠΟΥΛΟΣ	ΧΑΡΑΛΑΜΠΟΣ	Highly Flexible Artificial Synapses from SiO <sub>2</sub> -Based Conductive Bridge Memristors and Pt Nanoparticles through a Crack Suppression Technique	517,08
99	ΠΑΠΑΚΩΝΣΤΑΝΤΙΝΟΥ	ΔΕΣΠΟΙΝΑ	Evaluation of fire smoke control in underground space	517,08
100	ΠΑΠΑΝΙΚΟΛΑΟΥ	ΝΙΚΟΛΑΟΣ	Construction of surrogate models for predicting the buckling strength of stiffened panels through DoE and RSM methods	517,08
101	ΠΑΠΑΣΠΗΛΙΩΤΟΠΟΥ-ΛΟΣ	ΒΑΣΙΛΕΙΟΣ	Microgrid Protection Against Internal Faults: Challenges in Islanded and Interconnected Operation	517,08
102	ΠΑΠΑΣΩΤΗΡΙΟΥ	ΓΕΩΡΓΙΑ	Goodness of Fit Exponentiality Test against Light and Heavy Tail Alternatives	517,08
103	ΠΑΠΑΤΖΑΝΗ	ΕΥΑΓΓΕΛΙΑ	Encountering Everyday Racist Practices: Sociospatial Negotiations of Immigrant Settlement in Athens, Greece	517,08
104	ΠΑΠΑΧΑΡΑΛΑΜΠΟΥΣ	ΓΕΩΡΓΙΑ	Boosting algorithms in energy research: A systematic review	517,08
105	ΠΑΠΠΑΣ	ΓΕΩΡΓΙΟΣ	A Gamified Simulator and Physical Platform for Self-Driving Algorithm Training and Validation	517,08
106	ΠΑΠΠΑ	ΑΘΗΝΑ	Analysis of the Z-R relationship using X-Band weather radar measurements in the area of Athens	517,08
107	ΠΑΥΛΙΔΗΣ	ΓΕΩΡΓΙΟΣ	Dynamics of changes in the concentrations of herbicides and nutrients in the soils of a combined wheat-poplar tree cultivation: a field experimental model during the growing season	517,08

108	ΠΑΥΛΟΠΟΥΛΟΥ	ΕΛΕΝΗ - ΜΑΡΙΑ	Effect of Colloidal Silica Aqueous Gel on the Monotonic and Cyclic Response of Sands	517,08
109	ΠΕΠΠΕΣ	ΝΙΚΟΛΑΟΣ	Driving Behaviour Analysis Using Machine and Deep Learning Methods for Continuous Streams of Vehicular Data	517,08
110	ΠΕΡΔΙΚΑΚΗ	ΜΑΡΘΑ	Simulation of horizontal injection wells in Managed Aquifer Recharge facilities using the conduit flow process (CFP) code for MODFLOW-2005	517,08
111	ΠΙΤΤΕΡΟΥ	ΙΩΑΝΝΑ	Synthesis and characterization of inclusion complexes of rosemary essential oil with various $\beta$ -cyclodextrins and evaluation of their antibacterial activity against Staphylococcus aureus	517,08
112	ΠΛΕΥΡΗ	ΑΡΓΥΡΩ	Sewer Mining as a Distributed Intervention for Water-Energy-Materials in the Circular Economy Suitable for Dense Urban Environments: A Real World Demonstration in the City of Athens	517,08
113	ΠΟΜΟΝΗ	ΜΑΡΙΑ	Polishing behaviour of asphalt surface course containing recycled materials	517,08
114	ΠΡΟΜΠΙΟΝΑΣ	ΠΑΝΑΓΙΩΤΗΣ	Rethinking Power Control in Wireless Networks: The Perspective of Satisfaction Equilibrium	517,08
115	ΠΡΟΦΗΤΗΛΙΩΤΗΣ	ΓΕΩΡΓΙΟΣ	Measuring the economic benefits of a national planetary protection policy to regulate future private space activities between Earth and Mars: Results of a contingent valuation survey in Greece	517,08
116	ΡΑΜΠ	ΜΙΧΑΛΗΣ	On the Global Behavior of a Geometric PDAV Controller by Means of a Geometrically Exact Linearization	517,08
117	ΡΕΒΕΛΑΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	RuSseL: A Self-Consistent Field Theory Code for Inhomogeneous Polymer Interphases	517,08
118	ΣΕΚΑΔΑΚΗΣ	ΜΑΡΙΟΣ	Analysis of the impact of COVID-19 on collisions fatalities and injuries using time series forecasting: The case of Greece	517,08
119	ΣΕΜΕΝΟΓΛΟΥ	ΙΩΑΝΝΑ	Supercritical CO <sub>2</sub> extraction of oil from Arctic charr side streams from filleting processing	517,08
120	ΣΚΟΥΦΗΣ	ΠΕΤΡΟΣ	Combining Blockchains, Smart Contracts, and Complex Sensors Management Platform for Hyper-Connected SmartCities: An IoT Data Marketplace Use Case	517,08
121	ΣΜΥΡΛΗ	ΑΙΚΑΤΕΡΙΝΗ	A Generalized Model for Compliant Passive Bipedal Walking: Sensitivity Analysis and Implications on Bionic Leg Design	517,08
122	ΣΟΥΠΛΩΝΑ	ΟΥΡΑΝΙΑ	Radiative Effect and Mixing Processes of a Long-Lasting Dust Event over Athens, Greece, during the COVID-19 Period	517,08



123	ΣΤΑΪΚΟΣ	ΣΑΒΒΑΣ	Production of Omega-3 Fatty Acids from the Microalga <i>Cryptocodinium cohnii</i> by Utilizing Both Pentose and Hexose Sugars from Agricultural Residues	517,08
124	ΣΤΑΥΡΑΚΑΚΗΣ	ΕΚΤΟΡΑΣ - ΑΝΔΡΕΑΣ	Mars: new insights and unresolved questions	517,08
125	ΣΤΕΡΓΙΟΠΟΥΛΟΣ	ΧΡΥΣΑΝΘΟΣ	The use of biomimetic chromatography to predict acute aquatic toxicity of pharmaceutical compounds	517,08
126	ΣΤΕΡΙΩΤΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	Stacked Revenues Maximization of Distributed Battery Storage Units Via Emerging Flexibility Markets	517,08
127	ΣΤΡΑΜΑΡΚΟΥ	ΜΑΡΙΝΑ	Optimization of Green Extractions for the Recovery of Docosahexaenoic acid (DHA) from <i>Cryptocodinium cohnii</i>	517,08
128	ΣΥΝΤΥΧΑΚΗ	ΕΛΕΝΗ	Evaluation of Oxidative Desulfurization and Solvent Extraction of Model Sulfur Compounds, Present in Petroleum Middle Distillates, with Infrared and Nuclear Magnetic Resonance Spectroscopy	517,08
129	ΤΑΓΙΑΡΑ	ΝΑΓΙΑ	Network former mixing effects in alkali germanotellurite glasses: A vibrational spectroscopic study	517,08
130	ΤΕΜΕΝΟΣ	ΝΙΚΟΛΑΟΣ	Non-Scaling Adders and Subtractors for Stochastic Computing using Markov Chains	517,08
131	ΤΖΗΜΑ	ΣΟΥΛΤΑΝΑ	Experimental Design and Optimization of Recovering Bioactive Compounds from <i>Chlorella vulgaris</i> through Conventional Extraction	517,08
132	ΤΟΥΛΟΥΠΑΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	LoCoMOBO: A Local Constrained Multi-Objective Bayesian Optimization for Analog Circuit Sizing	517,08
133	ΤΡΕΜΗ	ΙΩΑΝΝΑ	A Guide for Using Transmission Electron Microscopy for Studying the Radiosensitizing Effects of Gold Nanoparticles In Vitro	517,08
134	ΤΣΑΟΥΣΗΣ	ΘΕΟΔΟΣΙΟΣ	Higher order phenomena connected with the two-dimensional breaking wave impact on a vertical impermeable wall with air entrapment	517,08
135	ΤΣΙΓΔΙΝΟΣ	ΣΤΕΦΑΝΟΣ	Multimodal corridor development as a way of supporting sustainable mobility in Athens	517,08
136	ΤΣΟΥΤΣΟΣ	ΜΙΧΑΗΛ - ΧΡΗΣΤΟΣ	Spatial point pattern analysis of urban retail stores: The case of twelve large- and medium-sized Greek cities	517,08
137	ΦΑΦΟΥΤΕΛΛΗΣ	ΠΑΝΑΓΙΩΤΗΣ	Deep survival analysis of searching for on-street parking in urban areas	517,08
138	ΦΟΡΟΥΛΗ	ΑΙΚΑΤΕΡΙΝΗ	Assessment of Demand Side Flexibility in European Electricity Markets: A Country Level Review	517,08
139	ΦΡΑΚΟΛΑΚΗ	ΓΕΩΡΓΙΑ	Effect of various encapsulating agents on the beads' morphology and the viability of cells during BB-12 encapsulation through extrusion	517,08

140	ΦΩΤΟΥ	ΕΛΕΝΗ	A systematic study of electrolyte effect on exfoliation efficiency and green synthesis of graphene oxide	517,08
141	ΧΑΛΑΣΤΑΝΗ	ΒΑΣΙΛΙΚΗ	A bibliometric assessment of progress in marine spatial planning	517,08
142	ΧΑΡΑΛΑΜΠΙΔΗΣ	ΑΝΤΩΝΙΟΣ	An Innovative Solar-Biomass Energy System to Increase the Share of Renewables in Office Buildings	517,08
143	ΧΑΡΑΤΣΑΡΗΣ	ΠΑΝΑΓΙΩΤΗΣ	The Prospect of Reconfigurable Intelligent Surfaces in Integrated Access and Backhaul Networks	517,08
144	ΧΑΤΖΟΒΟΥΛΟΣ	ΙΩΝ	Yearly investigation of a solar-driven absorption refrigeration system with ammonia-water absorption pair	517,08
145	ΧΡΙΣΤΟΦΗ	ΑΝΔΡΕΑΣ	A sustainable approach to valorize potato peel waste towards biofuel production	517,08

## Πίνακας 2

### *Συνέδρια 2021*

<i>A/A</i>	<i>Επίθετο</i>	<i>Όνομα</i>	<i>Τίτλος εργασίας</i>	<i>Ποσό</i>
1	ΑΡΓΥΡΙΟΥ	ΚΩΝΣΤΑΝΤΙΝΟΣ	An inter-university cooperation between Greece & China for the design & construction of a timber-frame kiosk (100m <sup>2</sup> ) in the context of an international competition in Jiangsu, China: lessons learned and perspectives	160,21
2	ΒΑΣΙΛΑΚΗΣ	ΕΜΜΑΝΟΥΗΛ	Faster Algorithms for k-Subset Sum and Variations	480,62
3	ΒΑΣΙΛΕΙΟΥ	ΕΥΑΓΓΕΛΟΣ	Probabilistic strength assessment through analytical modelling of pillars found in ship structures	480,62
4	ΒΕΝΕΤΣΑΝΟΣ	ΦΩΤΙΟΣ	Thermodynamic analysis of oligomeric blends by applying the Kirkwood-Buff theory of solutions	480,62
5	ΒΛΑΣΟΠΟΥΛΟΣ	ΔΗΜΗΤΡΙΟΣ	A Hydrometallurgical Process for Cu Recovery from Printed Circuit Boards	480,62
6	ΓΑΛΕΤΑΚΗΣ	ΙΩΑΝΝΗΣ	An inter-university cooperation between Greece & China for the design & construction of a timber-frame kiosk (100m <sup>2</sup> ) in the context of an international competition in Jiangsu, China: lessons learned and perspectives	160,21
7	ΓΕΝΝΗΣ	ΓΕΩΡΓΙΟΣ	An Analog Bayesian Classifier Implementation, for Thyroid Disease Detection, based on a Low-Power, Current-Mode Gaussian Function Circuit	480,62
8	ΓΙΑΝΝΟΥ	ΑΓΓΕΛΙΚΗ	Survival of the strictest: Stable and unstable equilibria under regularized learning with partial information	480,62
9	ΓΙΑΝΝΟΥΛΑ	ΧΡΙΣΤΙΝΑ	SynCron: Efficient Synchronization Support for Near-Data-Processing Architectures	480,62



10	ΓΟΥΡΓΟΥΛΕΤΗΣ	ΝΙΚΟΛΑΟΣ	Estimation of characteristics of surface water bodies based on Sentinel-2 images: The case study of Yliki reservoir	480,62
11	ΔΙΑΜΑΝΤΗ	ΜΑΡΙΑ	Resource Orchestration in UAV-assisted NOMA Wireless Networks: a Labor Economics Perspective	480,62
12	ΕΛΕΥΘΕΡΑΚΗ	ΓΕΩΡΓΙΑ	Project Cinema: A holistic approach to redesign and reuse of a multi-storey building in Ladadika, Thessaloniki	480,62
13	ΖΑΓΚΛΙΒΕΡΗ	ΘΕΑΝΩ	Reducing ship evacuation time: the role of a rail platform for integrating novel LSA lifeboats on ship architectural structures	480,62
14	ΖΩΓΡΑΦΟΥ	ΟΛΓΑ	Combined organic and inorganic PMF source apportionment on 1-year ToF-ACSM dataset in a suburban station in Athens	480,62
15	ΖΩΤΟΥ	ΙΩΑΝΝΑ	Evaluation of the efficiency of constructed floating wetlands in the removal of agrochemicals	480,62
16	ΘΕΟΔΩΡΑΚΑΤΟΣ	ΝΙΚΟΛΑΟΣ	A Generalized Pattern Search Algorithm Methodology for solving an Under-Determined System of Equality Constraints to achieve Power System Observability using Synchrophasors	480,62
17	ΘΕΟΧΑΡΗΣ	ΜΗΝΑΣ	Hydrometallurgical Treatment for the Extraction and Separation of Indium and Gallium from End-of-Life CIGS Photovoltaic Panels	480,62
18	ΚΑΝΑΚΗΣ	ΙΩΑΝΝΗΣ	The path to 1Tb/s and beyond datacenter interconnect networks: technologies, components and subsystems	480,62
19	ΚΑΡΑΓΙΑΝΝΗ	ΜΑΡΙΑ	Ventilation Design Modeling and Optimization for an Underground Bauxite Mine	480,62
20	ΚΑΡΑΚΙΖΗ	ΧΡΙΣΤΙΝΑ	Joint land cover and crop type mapping using multi-temporal sentinel-2 data from various environmental zones in Greece	480,62
21	ΚΑΡΟΥΖΟΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	UDALM: Unsupervised Domain Adaptation through Language Modeling	480,62
22	ΚΑΡΟΥΝΤΖΟΣ	ΞΕΝΟΦΩΝ - ΟΡΦΕΑΣ	Reliable electric public transportation network design considering charging waiting times	480,62
23	ΚΟΡΟΜΗΛΑ	ΙΩΑΝΝΑ	Design Fires for Vehicle Decks of RO/RO Passenger Ships	480,62
24	ΚΟΨΙΑΥΤΗΣ	ΓΕΩΡΓΙΟΣ	Multi-Class Confusion Matrix Reduction method and its application on Net Promoter Score classification problem	480,62
25	ΚΩΝΣΤΑ	ΑΛΥΖΙΑ - ΜΑΡΙΑ	Clouseau: Blockchain-based Data Integrity for HDFS Clusters	480,62
26	ΜΑΝΑΤΑΚΗ	ΑΝΔΡΙΑΝΗ	Simulating the Use of a Smelter Off-Gas in the Precipitation Stage of the Pedersen Process	480,62
27	ΜΑΣΟΥΡΟΣ	ΔΗΜΟΣΘΕΝΗΣ	Performance Analysis and Auto-tuning for SPARK in-memory analytics	480,62

28	ΜΑΥΡΑΚΟΣ	ΑΝΑΡΓΥΡΟΣ	Effect of moorings on the efficiency of a floating oscillating water column device	480,62
29	ΜΕΓΑΛΟΥΔΗ	ΡΑΦΑΕΛΛΑ - ΑΙΚΑΤΕΡΙΝΗ	Antimony Extraction from Galena Concentrates	480,62
30	ΜΠΙΕΤΣΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	Sulphuric Acid Leaching of Spent Nickel Metal Hydride Car Batteries	480,62
31	ΝΥΔΡΙΩΤΗ	ΙΩΑΝΝΑ	Using the Water Footprint Concept for water use efficiency labelling of consumer products: The Greek experience	480,62
32	ΟΙΚΟΝΟΜΟΥ	ΠΑΡΑΣΚΕΥΑΣ	Task Driven Skill Learning in a Soft-Robotic Arm	480,62
33	ΟΡΦΑΝΟΥ	ΦΩΤΕΙΝΗ	Action Plan for promoting electromobility in Region of Attica	480,62
34	ΟΡΦΑΝΟΥΔΑΚΗΣ	ΦΙΛΙΠΠΟΣ - ΣΚΟΒΕΛΕΦ	Effects of image quality and quantity on building a competitive COVID-19 diagnosis model	480,62
35	ΠΑΓΟΥΛΑΤΟΥ	ΤΙΤΑ	Predicting Resource Usage in Edge Computing Infrastructures with CNN and a Hybrid Bayesian Particle Swarm Hyper-parameter Optimization Model	480,62
36	ΠΑΓΩΝΗΣ	ΝΙΚΟΛΑΟΣ - ΑΝΤΩΝΙΟΣ	An analysis of the parameters affecting the propagation of fire on the vehicle deck of a RoPax ship	480,62
37	ΠΑΝΤΕΛΛΙΟΥ	ΣΟΦΙΑ - ΕΥΑΓΓΕΛΙΑ	An inter-university cooperation between Greece & China for the design & construction of a timber-frame kiosk (100m <sup>2</sup> ) in the context of an international competition in Jiangsu, China: lessons learned and perspectives	160,21
38	ΠΑΠΑΔΟΠΟΥΛΟΣ	ΘΕΟΦΙΛΟΣ	Formula Evaluation and Voltage Distribution of Planar Transformers Using Rectangular Windings	480,62
39	ΠΡΙΝΟΣ	ΝΙΚΟΛΑΟΣ	Extraction of bioactive compounds from olive leaves using alternative solvents: experiments and modelling	480,62
40	ΠΡΟΥΣΑΛΙΔΗ	ΘΕΩΝΗ	Towards optical data transmission for high energy physics using silicon photonics	480,62
41	ΣΕΚΛΟΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	Flexgrid-Development and Comparison of Distribution Network Flexibility Market Architectures	480,62
42	ΣΟΥΦΛΗΣ - ΡΗΓΑΣ	ΑΠΟΣΤΟΛΟΣ	Assessing the implementation of Power Take Off (PTO) system onboard Liquefied Natural Gas (LNG) carriers	480,62
43	ΣΠΑΘΑΡΑΚΗΣ	ΔΗΜΗΤΡΙΟΣ	Enabling Industrial Network Slicing Orchestration: A Collaborative Edge Robotics Use Case	480,62
44	ΣΠΑΝΕΑ	ΜΑΡΙΑ	A Parametric Study of "Weak Layer" Effects on the Seismic Response of Liquefiable Soil Profiles	480,62
45	ΤΖΕΝΕΤΟΠΟΥΛΟΣ	ΑΧΙΛΛΕΑΣ	FADE: FaaS-inspired application decomposition and Energy-aware function placement on the Edge	480,62



46	ΤΟΜΑΖΙΝΑΚΗΣ	ΣΤΑΥΡΟΣ	The Significance of SDGs for the Raw Materials Sector: A Stakeholders' Approach in Three ESEE Countries	480,62
47	ΤΣΑΪΜΟΥ	ΧΡΙΣΤΙΝΑ	Integrating Seaport Infrastructure Monitoring Approaches to Improve Smartness and Climate Adaptive Capacity	480,62
48	ΤΣΑΝΑΚΑΣ	ΣΤΥΛΙΑΝΟΣ	An Innovative Neuro-Genetic Algorithm and Geometric Loss Function for Mobility Prediction	480,62
49	ΤΣΕΚΕΡΗΣ	ΓΕΩΡΓΙΟΣ	Energy recovery in EU from municipal solid waste towards a Circular Economy	480,62
50	ΤΣΙΛΙΒΗΣ	ΝΙΚΟΛΑΟΣ	Sparsity in Max-Plus Algebra and Applications in Multivariate Convex Regression	480,62
51	ΧΑΛΚΙΑΔΑΚΗΣ	ΧΑΡΗΣ	Impacts of Cooperative Intelligent Transportation Systems to the Resilience of Urban Road Networks	480,62
52	ΧΑΡΑΛΑΜΠΙΔΟΥ	ΒΑΣΙΛΙΚΗ	The impact of FDI attraction policies on the economic recovery in Greece	480,62
53	ΧΑΣΚΗΣ	ΣΠΥΡΙΔΩΝ	Examination of Fracture Mechanisms in two Al-Ti-V-Cr-(Si) High Entropy Alloys	480,62
54	ΧΑΤΖΗΑΝΑΣΤΑΣΗΣ	ΜΙΧΑΛΗΣ	Graph-based Neural Architecture Search with Operation Embeddings	480,62

**ΜΕ ΕΝΤΟΛΗ ΤΟΥ ΠΡΥΤΑΝΗ  
Ο ΠΡΟΪΣΤΑΜΕΝΟΣ ΤΗΣ  
Δ/ΝΣΗΣ ΜΕΡΙΜΝΑΣ κ.α.α**



**ΕΥΑΓ. ΦΕΛΕΚΟΣ**