|  |  |
| --- | --- |
| Untitled-1 | EΘΝΙΚΟ ΜΕΤΣΟΒΙΟ ΠΟΛΥΤΕΧΝΕΙΟΓΕΝΙΚΗ ΔΙΕΥΘΥΝΣΗ ΔΙΟΙΚΗΤΙΚΗΣ ΣΤΗΡΙΞΗΣ & ΣΠΟΥΔΩΝΔΙΕΥΘΥΝΣΗ ΜΕΡΙΜΝΑΣ **ΤΜΗΜΑ ΦΟΙΤΗΤΙΚΗΣ ΜΕΡΙΜΝΑΣ**  Ηρ.Πολυτεχνείου 9, Πολυτεχνειούπολη, Ζωγράφου,157- 80, Αθήνα , Τηλ. 210 7721928 |

Aθήνα, 15.11.2022

##### Α Ν Α Κ Ο Ι Ν Ω Σ Η

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 εγκρίσεως 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**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Α/Α*** | **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 comperative 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 | Pdl 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 Nox-Sox 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 - ΜΠΟΥΡΔΟΣ | ΝΙΚΟΛΑΟΣ | Buckling Strenght 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-6A1-4V 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 | ΑΝΝΙΤΑ | 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/β-cyclodextrin beads: Novel materials for water decontamination | 517,08 |
| 53 | ΚΙΤΣΙΟΣ | ΣΤΑΥΡΟΣ | Impact of Active Electrode on the Synaptic Properties of SiO2-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 | ΚΟΥΤΡΟΥΜΠΑ | ΝΙΚΟΛΕΤΤΑ - ΜΑΡΙΑ | Automated Grouping of Nanomaterials and Read-Across Prediction of Their Adverse Effects Based on Mathematical Optimization | 517,08 |
| 64 | ΚΟΨΙΔΑΣ | 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 Saccharomyces cerevisiae | 517,08 |
| 71 | ΛΥΚΑΣ | ΠΑΝΑΓΙΩΤΗΣ | Multi-objective optimization of a solar-driven polygeneration system based on CO2 working fluid | 517,08 |
| 72 | ΜΑΚΡΥΒΕΛΙΟΣ | ΕΥΑΓΓΕΛΟΣ | Data for absorption evaluation and effectiveness of R&D projects in Greece | 517,08 |
| 73 | ΜΑΜΑΤΣΗΣ | ΑΘΑΝΑΣΙΟΣ - ΡΑΦΑΗΛ | 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 | ΜΕΧΙΛΗ | 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 | ΜΠΙΛΑΛΗΣ | 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 elememts in groundwater: a hotspot research topic in environmental science and pollution research | 517,08 |
| 98 | ΠΑΠΑΚΩΝΣΤΑΝΤΙΝΟ-ΠΟΥΛΟΣ | ΧΑΡΑΛΑΜΠΟΣ | Highly Flexible Artificial Synapses from SiO2-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 β-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 | ΠΡΟΜΠΟΝΑΣ | 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 CO2 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 | ΣΟΥΠΙΩΝΑ | 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 Crypthecodinium cohnii 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 Crypthecodinium cohnii | 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 Subtracters for Stochastic Computing using Markov Chains | 517,08 |
| 131 | ΤΖΗΜΑ | ΣΟΥΛΤΑΝΑ | Experimental Design and Optimization of Recovering Bioactive Compounds from Chlorella vulgaris 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***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Α/Α*** | ***Επίθετο*** | ***Όνομα*** | ***Τίτλος εργασίας*** | ***Ποσό*** |
| 1 | ΑΡΓΥΡΙΟΥ | ΚΩΝΣΤΑΝΤΙΝΟΣ | An inter-university cooperation between Greece & China for the design & construction of a timber-frame kiosk (100m2) 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 strenght 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 (100m2) 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 reguralized 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 | ΜΠΕΤΣΗΣ | 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 | ΠΑΝΤΕΛΑΙΟΥ | ΣΟΦΙΑ - ΕΥΑΓΓΕΛΙΑ | An inter-university cooperation between Greece & China for the design & construction of a timber-frame kiosk (100m2) 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 Liquified 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**