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| Untitled-1 | **ΕΘΝΙΚΟ ΜΕΤΣΟΒΙΟ ΠΟΛΥΤΕΧΝΕΙΟ**  **ΓΕΝΙΚΗ ΔΙΕΥΘΥΝΣΗ ΔΙΟΙΚΗΤΙΚΗΣ ΣΤΗΡΙΞΗΣ & ΣΠΟΥΔΩΝ**  **ΔΙΕΥΘΥΝΣΗ ΜΕΡΙΜΝΑΣ**  **ΤΜΗΜΑ ΦΟΙΤΗΤΙΚΗΣ ΜΕΡΙΜΝΑΣ**  • Ηρώων Πολυτεχνείου 9, Πολυτεχνειούπολη Ζωγράφου Τ.Κ. 157 72 • Τηλέφωνο : 210 772 1951 |

Aθήνα, 02.09.2024

##### Α Ν Α Κ Ο Ι Ν Ω Σ Η

Η Σύγκλητος (Συνεδρίαση 29.07.2024) αποφάσισε τη **χορήγηση του Θωμαΐδειου Βραβείου για τις δημοσιεύσεις έτους 2023** στους **272 δικαιούχους των 266** **εργασιών** που πληρούν τις προϋποθέσεις προς βράβευση, ως ακολούθως:

1. **186** δημοσιεύσεις σε επιστημονικά περιοδικά µε ποσό ύψους **352,54€ ανά εργασία** σύµφωνα µε τον Πίνακα 1 και
2. **80** δημοσιεύσεις σε πρακτικά συνεδρίων µε ποσό ύψους **273,21€ ανά εργασία** σύµφωνα µε τον Πίνακα 2

Τυχόν ενστάσεις μπορούν να υποβληθούν από την ανάρτηση της σχετικής απόφασης στην ιστοσελίδα του Ε.Μ.Π. και στην προθήκη του Τμήματος Φοιτητικής Μέριμνας, έως και τις **11.09.2024.**

Η απόφαση της Συγκλήτου και τα σχετικά παραστατικά για την επίδοση του εν λόγω βραβείου θα διαβιβασθούν στο Υπουργείο Παιδείας, Θρησκευμάτων & Αθλητισμού 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 2023**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **ΟΝΟΜΑ** | **ΕΠΙΘΕΤΟ** | **ΠΑΤΡΩΝΥΜΟ** | **ΣΧΟΛΗ (συντ.)** | **ΤΙΤΛΟΣ ΕΡΓΑΣΙΑΣ** | **ΠΟΣΟ€** |
| 1 | REINA | EL DAHR | IBRAHIM EL DAHR | Π.Μ | Development and Validation of a LabVIEW Automated Software System for Displacement and Dynamic Modal Parameters Analysis Purposes | 352,54 |
| 2 | MOHAMMAD-ERFAN | FARHIKHTEH | MAROUFALI | Μ.Μ | Aerodynamic Shape Optimization of Wind Turbine Rotor Blades Using the Continuous Adjoint Method | 352,54 |
| 3 | ΜΑΡΙΑ | ΑΘΑΝΑΣΙΟΥ | ΘΩΜΑΣ | Η.Μ.Μ.Υ | Long Short-term Memory-Based Prediction of the Spread of Influenza-Like Illness Leveraging Surveillance, Weather, and Twitter Data: Model Development and Validation | 352,54 |
| 4 | ΣΩΤΗΡΙΟΣ | ΑΘΑΝΑΣΟΥΛΙΑΣ | ΗΛΙΑΣ | Α.Τ.Μ-Μ.Γ | OPT-NILM: An Iterative Prior-to-Full-Training Pruning Approach for Cost-Effective User Side Energy Disaggregation | 352,54 |
| 5 | ΑΝΔΡΕΑΣ | ΑΛΕΞΑΝΔΡΗΣ - ΓΑΛΑΝΟΠΟΥΛΟΣ | ΑΝΑΣΤΑΣΙΟΣ | Ν.Μ.Μ | A semi-Lagrangian Splitting framework for the simulation of non-hydrostatic free-surface flows | 352,54 |
| 6 | ΒΑΣΙΛΙΚΗ | ΑΛΕΞΟΠΟΥΛΟΥ | ΕΥΑΓΓΕΛΟΣ | Μ.Μ | A Critical Assessment Regarding Two-Temperature Models: An Investigation of the Different Forms of Two-Temperature Models, the Various Ultrashort Pulsed Laser Models and Computational Methods | 352,54 |
| 7 | ΒΑΣΙΛΕΙΟΣ | ΑΛΙΜΗΣΗΣ | ΑΝΤΩΝΙΟΣ | Η.Μ.Μ.Υ | A Low-Power Analog Integrated Implementation of the Support Vector Machine Algorithm with On-Chip Learning Tested on a Bearing Fault Application | 352,54 |
| 8 | ΕΥΣΤΑΘΙΟΣ | ΑΝΔΡΙΑΝΟΠΟΥΛΟΣ | ΗΛΙΑΣ | Η.Μ.Μ.Υ | Real-time Sub-THz link enabled purely by optoelectronics: 90-310 GHz seamless operation | 352,54 |
| 9 | ΔΗΜΗΤΡΑ | ΑΝΕΒΛΑΒΗ | ΕΛΕΥΘΕΡΙΟΣ | Ν.Μ.Μ | Efficiency Enhancement of Marine Propellers via Reformation of Blade Tip-Rake Distribution | 176,27 |
| 10 | ΝΙΚΟΛΑΟΣ | ΑΝΤΩΝΙΑΔΗΣ | ΗΛΙΑΣ | Δ.Π.Μ.Σ ΣΧΕΔΙΑΣΜΟΣ ΚΑΙ ΚΑΤΑΣΚΕΥΗ ΥΠΟΓΕΙΩΝ ΕΡΓΩΝ | Land Subsidence Phenomena vs. Coastal Flood Hazard-The Cases of Messolonghi and Aitolikon (Greece) | 352,54 |
| 11 | ΚΩΝΣΤΑΝΤΙΝΟΣ | ΑΠΟΣΤΟΛΟΠΟΥΛΟΣ | ΔΗΜΗΤΡΙΟΣ | Α.Τ.Μ-Μ.Γ | Geospatial Tool Development for the Management of Historical Hiking Trails - The Case of the Holy Site of Meteora | 352,54 |
| 12 | ΓΕΩΡΓΙΟΣ | ΑΡΑΒΑΝΗΣ | ΙΩΑΝΝΗΣ | Ν.Μ.Μ | Damage detection in ship hull structures under operational variability through strain sensing | 352,54 |
| 13 | ΓΕΩΡΓΙΟΣ | ΑΡΒΑΝΙΤΑΚΗΣ | ΠΑΝΑΓΙΩΤΗΣ | Χ.Μ | Boosting methane production and raw waste activated sludge treatment in a microbial electrolysis cell-anaerobic digestion (MEC-AD) system: The effect of organic loading rate | 352,54 |
| 14 | ΕΛΕΝΗ | ΑΡΕΤΟΥΛΑΚΗ | ΟΘΩΝΑΣ | Μ.Μ | Complementarity, Interoperability, and Level of Integration of Humanitarian Drones with Emerging Digital Technologies: A State-of-the-Art Systematic Literature Review of Mathematical Models | 352,54 |
| 15 | ΓΕΩΡΓΙΟΣ | ΑΡΜΕΝΙΑΚΟΣ | ΚΩΝΣΤΑΝΤΙΝΟΣ | Η.Μ.Μ.Υ | Model-to-circuit cross-approximation for printed machine learning classifiers | 352,54 |
| 16 | ΣΩΤΗΡΙΟΣ | ΑΣΠΡΑΓΚΑΘΟΣ | ΝΙΚΟΛΑΟΣ | Μ.Μ | Event-Triggered Image Moments Predictive Control for Tracking Evolving Features Using UAVs | 352,54 |
| 17 | ΜΙΧΑΗΛ | ΒΑΓΕΝΑΣ | ΝΙΚΟΛΑΟΣ | Χ.Μ | CO2-Derived Nanocarbons with Controlled Morphology and High Specific Capacitance | 352,54 |
| 18 | ΘΕΟΔΩΡΟΣ - ΠΑΝΑΓΙΩΤΗΣ | ΒΑΓΕΝΑΣ | ΠΑΝΑΓΙΩΤΗΣ | Η.Μ.Μ.Υ | Deep learning-based registration of two-dimensional dental images with edge specific loss | 176,27 |
| 19 | ΣΠΥΡΙΔΩΝΑΣ | ΒΑΣΙΛΟΠΟΥΛΟΣ | ΝΙΚΟΛΑΟΣ | Ε.Μ.Φ.Ε | Dual Targeting of DNA Damage Response Proteins Implicated in Cancer Radioresistance | 352,54 |
| 20 | ΙΩΑΝΝΗΣ | ΒΕΖΑΚΗΣ | ΑΝΤΩΝΙΟΣ | Η.Μ.Μ.Υ | An Automated Prognostic Model for Pancreatic Ductal Adenocarcinoma | 352,54 |
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| 22 | ΔΗΜΗΤΡΙΟΣ | ΒΛΑΣΟΠΟΥΛΟΣ | ΑΓΓΕΛΟΣ | Μ-Μ.Μ | Hydrometallurgical recovery of silver and gold from waste printed circuit boards and treatment of the wastewater in a biofilm reactor: An integrated pilot application | 352,54 |
| 23 | ΦΙΛΥΡΑ | ΒΛΑΣΤΟΥ - ΔΗΜΟΠΟΥΛΟΥ | ΑΘΑΝΑΣΙΟΣ | Α.Μ | Embodied geopolitics and negotiations of belongings from Turkey to Athens after 2016 | 176,27 |
| 24 | ΙΩΑΝΝΗΣ | ΓΑΒΑΛΑΣ | ΚΩΝΣΤΑΝΤΙΝΟΣ | Μ.Μ | On the quality of stability and bifurcation sets in rotors with permanent shaft bow on nonlinear supports | 352,54 |
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| 26 | ΑΝΤΩΝΙΟΣ | ΓΕΩΡΓΑΣ | ΑΘΑΝΑΣΙΟΣ | Η.Μ.Μ.Υ | Advancements in SARS-CoV-2 Testing: Enhancing Accessibility through Machine Learning-Enhanced Biosensors | 352,54 |
| 27 | ΚΩΝΣΤΑΝΤΙΝΟΣ | ΓΕΩΡΓΑΣ | ΑΘΑΝΑΣΙΟΣ | Η.Μ.Μ.Υ | Ethical considerations in working with ChatGPT on a questionnaire about the future of work with ChatGPT | 352,54 |
| 28 | ΙΟΥΛΙΑ | ΓΕΩΡΓΙΟΠΟΥΛΟΥ | ΠΑΝΑΓΙΩΤΗΣ | Χ.Μ | Comparative Study of Conventional, Microwave-Assisted and Supercritical Fluid Extraction of Bioactive Compounds from Microalgae: The Case of Scenedesmus obliquus | 352,54 |
| 29 | ΓΕΩΡΓΙΟΣ | ΓΕΩΡΓΟΠΟΥΛΟΣ | ΦΑΝΟΥΡΙΟΣ | Μ-Μ.Μ | Influence of mineralogy and calcination temperature on the behavior of palygorskite clay as a pozzolanic supplementary cementitious material | 352,54 |
| 30 | ΑΘΑΝΑΣΙΟΣ | ΓΚΕΣΟΥΛΗΣ | ΚΩΝΣΤΑΝΤΙΝΟΣ | Η.Μ.Μ.Υ | Almost-Sure Finite-Time Stochastic Min-Max Consensus | 352,54 |
| 31 | ΑΓΓΕΛΙΚΗ | ΓΚΙΚΟΥΔΗ | ΣΤΥΛΙΑΝΟΣ | Ε.Μ.Φ.Ε | Molecular Biomarkers for Predicting Cancer Patient Radiosensitivity and Radiotoxicity in Clinical Practice | 352,54 |
| 32 | ΝΙΚΟΛΕΤΤΑ | ΓΚΟΝΟΥ | ΠΑΝΑΓΙΩΤΗΣ | Π.Μ | Combined Optimization of Maintenance Works and Crews in Railway Networks | 352,54 |
| 33 | ΧΡΙΣΤΙΝΑ | ΓΚΟΥΝΤΕΛΑ | ΙΩΑΝΝΗΣ | Χ.Μ | Scalable enzymatic polymerization and low-temperature post-polymerization of poly (butylene succinate): Process parameters and application | 352,54 |
| 34 | ΚΩΝΣΤΑΝΤΙΝΟΣ | ΓΚΥΡΤΗΣ | ΑΛΕΞΑΝΔΡΟΣ | Π.Μ | Structural Performance of Foamed Asphalt Base in a Full Depth Reclaimed and Sustainable Pavement | 352,54 |
| 35 | ΝΙΚΟΛΑΟΣ | ΓΟΥΡΓΟΥΛΕΤΗΣ | ΓΕΩΡΓΙΟΣ | Δ.Π.Μ.Σ ΕΠΙΣΤΗΜΗ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑ ΥΔΑΤΙΚΩΝ ΠΟΡΩΝ | Investigating Hydroclimatic Variables Trends on the Natural Lakes of Western Greece Using Earth Observation Data | 352,54 |
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| 37 | ΙΩΑΝΝΗΣ | ΔΗΜΟΛΙΤΣΑΣ | ΝΙΚΟΛΑΟΣ | Η.Μ.Μ.Υ | Time-efficient distributed virtual network embedding for round-trip delay minimization | 352,54 |
| 38 | ΜΑΡΙΑ | ΔΙΑΜΑΝΤΗ | ΦΩΤΙΟΣ | Η.Μ.Μ.Υ | Delay Minimization for Rate-Splitting Multiple Access-Based Multi-Server MEC Offloading | 352,54 |
| 39 | ΠΑΝΤΕΛΗΣ | ΔΡΑΤΣΑΣ | ΑΘΑΝΑΣΙΟΣ | Η.Μ.Μ.Υ | A Real-Time Redispatch Method to Evaluate the Contribution of Storage to Capacity Adequacy | 352,54 |
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| 42 | ΝΙΚΗ | ΕΥΘΥΜΙΟΥ | ΓΕΩΡΓΙΟΣ | Η.Μ.Μ.Υ | Mushroom Detection and Three Dimensional Pose Estimation from Multi-View Point Clouds | 352,54 |
| 43 | ΣΠΥΡΙΔΩΝΑΣ | ΖΑΦΕΙΡΗΣ | ΚΩΝΣΤΑΝΤΙΝΟΣ | Ν.Μ.Μ | Efficiency Enhancement of Marine Propellers via Reformation of Blade Tip-Rake Distribution | 176,27 |
| 44 | ΙΩΑΝΝΗΣ | ΖΑΧΑΡΑΚΗΣ | ΕΜΜΑΝΟΥΗΛ | Α.Τ.Μ-Μ.Γ | Integrated wildfire danger models and factors: A review | 352,54 |
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| 46 | ΑΝΑΣΤΑΣΙΑ | ΖΙΑΓΚΟΒΑ | ΑΘΑΝΑΣΙΟΣ | Ε.Μ.Φ.Ε | Differential cross section measurements of the 7Li (p, p' γ1-0) 7Li reaction suitable for PIGE applications | 352,54 |
| 47 | ΛΟΥΚΑΣ | ΗΛΙΑΣ | ΚΩΝΣΤΑΝΤΙΝΟΣ | Η.Μ.Μ.Υ | Context-aware attention layers coupled with optimal transport domain adaptation and multimodal fusion methods for recognizing dementia from spontaneous speech | 352,54 |
| 48 | ΙΩΑΝΝΑ | ΘΑΝΟΥ | ΒΑΣΙΛΗΣ | Χ.Μ | Kinetic study of the combined effect of high pressure and pH-value on Arthrospira Platensis (Spirulina) proteins extraction | 352,54 |
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| 51 | ΔΗΜΗΤΡΑ | ΙΩΑΝΝΙΔΟΥ | ΕΜΜΑΝΟΥΗΛ | Μ-Μ.Μ | Microstructural and Mechanical Properties Experimental Evaluation of Inconel 718 and AISI 304L Dissimilar TIG Joints | 352,54 |
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| 58 | ΧΑΡΑΛΑΜΠΙΑ - ΣΤΑΜΑΤΙΑ | ΚΑΛΟΓΗΡΟΥ | ΙΩΑΝΝΗΣ | Χ.Μ | Study of PLA pre-treatment, enzymatic and model-compost degradation, and valorization of degradation products to bacterial nanocellulose | 352,54 |
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| 64 | ΚΩΝΣΤΑΝΤΙΝΑ | ΚΑΡΑΝΤΖΑ | ΔΙΟΝΥΣΙΟΣ | Μ.Μ | A Review on the Adiabatic Shear Banding Mechanism in Metals and Alloys Considering Microstructural Characteristics, Morphology and Fracture | 352,54 |
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| 66 | ΝΙΚΟΛΑΟΣ | ΚΑΡΚΑΛΟΣ | ΕΛΕΥΘΕΡΙΟΣ | Μ.Μ | Design of Real-Time Extremum-Seeking Controller-Based Modelling for Optimizing MRR in Low Power EDM | 352,54 |
| 67 | ΞΕΝΟΦΩΝΤΑΣ - ΟΡΦΕΑΣ | ΚΑΡΟΥΝΤΖΟΣ | ΔΗΜΗΤΡΙΟΣ | Α.Τ.Μ-Μ.Γ | A Decision Support GIS Framework for Establishing Zero-Emission Maritime Networks: The Case of the Greek Coastal Shipping Network | 352,54 |
| 68 | ΒΑΣΙΛΕΙΟΣ | ΚΑΡΥΣΤΙΝΟΣ | ΕΛΕΥΘΕΡΙΟΣ | Ν.Μ.Μ | Deep long short-term memory neural networks as virtual sensors for marine diesel engine NOx prediction at transient conditions | 352,54 |
| 69 | ΑΛΕΞΑΝΔΡΟΣ - ΒΑΣΙΛΕΙΟΣ | ΚΑΤΣΙΜΙΧΑΣ | ΙΩΑΝΝΗΣ | Χ.Μ | Kinetics of high pressure homogenization assisted protein extraction from Chlorella pyrenoidosa | 352,54 |
| 70 | ΑΝΑΣΤΑΣΙΟΣ | ΚΑΤΣΟΥΔΑΣ | ΣΤΕΦΑΝΟΣ | Ν.Μ.Μ | Structural health monitoring for corrosion induced thickness loss in marine plates subjected to random loads | 352,54 |
| 71 | ΑΝΝΙΤΑ | ΚΑΤΩΠΟΔΗ | ΓΕΩΡΓΙΟΣ | Χ.Μ | Preparation and characterization of solid lipid nanoparticles incorporating bioactive coumarin analogues as photosensitizing agents | 352,54 |
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**Σύνολο: 65.572,44€**

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