



Αθήνα , 07.05.2019

## ΑΝΑΚΟΙΝΩΣΗ

Σύμφωνα με την απόφαση της 3<sup>ης</sup> / 2019 Συνεδρίασης της Συγκλήτου (12.04.2019) απονέμεται το Θωμαΐδειο Βραβείο για τις δημοσιεύσεις έτους 2017 στους 250 δικαιούχους των 241 βραβευμένων εργασιών ως ακολούθως:

1. βραβεύονται 180 δημοσιεύσεις σε επιστημονικά περιοδικά με ποσό ύψους 261,65 ευρώ ανά εργασία σύμφωνα με τον Πίνακα 1 και
2. απονέμεται τιμητικός έπαινος χωρίς χρηματική χορηγία στις 61 δημοσιεύσεις σε πρακτικά συνεδρίων σύμφωνα με τον Πίνακα 2.

Τυχόν ενστάσεις μπορούν να υποβληθούν από την ανάρτηση της σχετικής απόφασης στην ιστοσελίδα του ΕΜΠ και στις προθήκες του Τμήματος Φοιτητικής Μέριμνας, έως και τις 16.05.2019.

Η απόφαση της Συγκλήτου και τα σχετικά παραστατικά για την επίδοση του εν λόγω βραβείου θα διαβιβασθούν στο Υπουργείο Παιδείας, Έρευνας & Θρησκευμάτων και στην Αποκεντρωμένη Διοίκηση Αττικής για την τελική έγκριση. Σε περίπτωση που εγκριθεί η επίδοσή του, θα ενημερωθούν οι παρακάτω δικαιούχοι από το Τμήμα Διαχείρισης Περιουσίας της Δ/σης Οικ. Υπηρεσιών για την παραλαβή των ενταλμάτων τους:

### Πίνακας 1

#### *Περιοδικά 2017 (οικονομική χορηγία και τιμητικός έπαινος)*

	Όνομα	Επίθετο	Πατρώνυμο	Σχολή συντομ.	Τίτλος εργασίας	Ποσό
1	BRADLEY	CLIATT	JOHN	Π.Μ	Incorporation of GPR data into genetic algorithms for assessing recycled pavements	261,65
2	JAMES	KOCH	JAMES	M.M	Transition from adjoint level set topology to shape optimization for 2D fluid mechanics	261,65
3	ΙΩΑΝΝΗΣ	ΑΒΙΖΙΩΤΗΣ	ΓΕΩΡΓΙΟΥ	X.M	Combined Macro/Nanoscale Investigation of the Chemical Vapor Deposition of Fe from Fe(CO) <sub>5</sub>	261,65

4	ΠΑΝΑΓΙΩΤΗΣ	ΑΒΡΑΜΠΟΣ	ΙΩΑΝΝΗ	M.M	Coverage in planar surface polishing by trochoidal tool paths	261,65
5	ΔΗΜΗΤΡΙΟΣ	ΑΓΓΕΛΟΠΟΥΛΟΣ	ΓΕΩΡΓΙΟΥ	H.M.M.Y.	Risk-based analysis and policy implications for renewable energy investments in Greece	261,65
6	ΑΘΗΝΑ	ΑΓΓΕΛΟΠΟΥΛΟΥ	ΝΙΚΟΛΑΟΥ	A.M	A Surgery Issue: Cutting Through the Architectural Fabric	261,65
7	ΣΤΑΥΡΟΣ	ΑΘΑΝΑΣΟΠΟΥΛΟΣ	ΔΗΜΗΤΡΙΟΥ	M.M	A mathematically assisted methodology for the experimental calculation of the internal gear ratios to extend the lifecycle of a hobbing machine	86,88
8	ΕΥΣΤΑΘΙΟΣ	ΑΝΤΩΝΙΟΥ	ΙΩΑΝΝΗ	E.M.ΦΕ	Extending topological surgery to natural processes and dynamical systems	261,65
9	ΙΩΑΝΝΗΣ	ΑΝΤΩΝΟΠΟΥΛΟΣ	ΑΡΙΣΤΕΙΔΗ	X.M	Electrochemistry of copper in methanolic solutions: Anodic oxidation and fabrication of hydrophobic surfaces	261,65
10	ΑΡΓΥΡΟΣ	ΑΡΓΥΡΙΑΣ	ΚΛΕΑΝΘΗ	A.T.M	GEOBIA-based identification of alluvial fans and bajadas through geomorphometry, image analysis and fuzzy ontology	261,65
11	ΜΙΧΑΗΛ	ΑΡΦΑΝΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΥ	X.M	Photocatalytic degradation of salicylic acid and caffeine emerging contaminants using titania nanotubes	261,65
12	ΓΕΩΡΓΙΑ	ΑΣΗΜΑΚΟΠΟΥΛΟΥ	ΗΛΙΑ	H.M.M.Y.	Evaluation of Economic Benefits of DER Aggregation	261,65
13	ΜΑΡΙΑ	ΑΤΖΕΜΗ	ΑΓΓΕΛΟΥ	X.M	Predicting the viscosity of diesel / biodiesel blends	130,82
14	ΙΩΑΝΝΗΣ	ΑΤΣΟΝΙΟΣ	ΑΝΤΩΝΙΟΥ	M.M	A comparative assessment of the standardized methods for the in-situ measurement of the thermal resistance of building walls	261,65
15	ΕΛΕΝΗ	ΒΑΘΗ	ΚΩΝΣΤΑΝΤΙΝΟΥ	H.M.M.Y.	Mining and categorizing interesting topics in Twitter communities	261,65
16	ΔΗΜΗΤΡΑ - ΔΑΝΑΗ	ΒΑΡΣΟΥ	ΔΗΜΗΤΡΙΟΥ	X.M	toxFlow: A Web-Based Application for Read-Across Toxicity Prediction Using Omics and Physicochemical Data	261,65
17	ΣΤΥΛΙΑΝΗ	ΒΕΡΥΚΟΚΟΥ	ΑΝΔΡΕΑ	A.T.M	3D reconstruction of disaster scenes for urban search and rescue	261,65
18	ΠΑΝΑΓΙΩΤΗΣ	ΒΛΑΝΤΗΣ	ΒΑΣΙΛΕΙΟΥ	M.M	Vision-based Autonomous Landing Control for Unmanned Helicopters	261,65

19	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΒΡΟΧΙΔΗΣ	ΒΑΣΙΛΕΙΟΥ	M.M	Reconfigurable multi-robot coordination with guaranteed convergence in obstacle cluttered environments under local communication	261,65
20	ΑΙΚΑΤΕΡΙΝΗ	ΓΑΛΑΤΑ	ΑΘΑΝΑΣΙΟΥ	X.M	Thermodynamic analysis of Lennard-Jones binary mixtures using Kirkwood-Buff theory	261,65
21	ΣΟΦΙΑ	ΓΑΝΙΑΡΗ	ΣΠΥΡΙΔΩΝΟΣ	X.M	Edible and active films and coatings as carriers of natural antioxidants for lipid food	261,65
22	ΕΛΣΑ	ΓΕΩΡΓΙΖΑ	ΝΙΚΟΛΑΟΥ	X.M	Production and Properties of composite electroless Ni-B-Sic Coatings	261,65
23	ΓΕΩΡΓΙΟΣ	ΓΕΩΡΓΟΥΣΗΣ	ΔΗΜΗΤΡΙΟΥ	E.M.Φ.Ε	Strain and damage monitoring in SBR nanocomposites under cyclic loading	261,65
24	ΔΗΜΗΤΡΑ	ΓΙΑΛΑΜΑ	ΔΙΟΝΥΣΙΟΥ	X.M	Development of Escherichia coli strains that withstand membrane protein-induced toxicity and achieve high-level recombinant membrane protein production	261,65
25	ΕΛΕΥΘΕΡΙΟΣ	ΓΟΥΝΑΡΙΔΗΣ	ΧΑΡΑΛΑΜΠΟΥΣ	H.M.M.Y.	High performance refractive index sensor based on low Q-factor ring resonators and FFT processing of wavelength scanning data	261,65
26	ΗΛΙΑΣ	ΔΑΝΙΗΛ	ΠΕΡΙΚΛΕΟΥΣ	M.M	Thermal and exergetic evaluation of parabolic trough collectors with finned absorbers operating with air	261,65
27	ΔΑΦΝΗ - ΧΡΥΣΑΝΘΗ	ΔΕΛΗΒΟΡΙΑ	ΒΑΣΙΛΕΙΟΥ	X.M	Functional requirements for DjlA - and RraA-Mediated Enhancement of Recombinant Membrane Protein Production in the Engineered Escherichia coli Strains SuptoxD and SuptoxR	261,65
28	ΙΩΑΝΝΗΣ	ΔΕΛΗΜΠΑΛΤΑΔΑΚΗΣ	ΜΗΝΑ	H.M.M.Y.	Decentralized Platooning with Obstacle Avoidance for Car-like Vehicles with Limited Sensing	261,65
29	ΑΛΙΚΗ	ΔΟΥΚΑ	ΓΡΗΓΟΡΙΟΥ	X.M	A review on enzymatic polymerization to produce polycondensation polymers: The case of aliphatic polyesters, polyamides and polyesteramides	261,65
30	ΚΡΥΣΤΑΛΛΕΝΙΑ	ΔΡΟΣΟΥ	ΠΑΥΛΟΥ	E.M.Φ.Ε	A method for analyzing supersaturated designs inspired by control charts	261,65
31	ΧΡΙΣΤΙΝΑ	ΔΡΟΣΟΥ	ΓΕΩΡΓΙΟΥ	X.M	Encapsulation of bioactive compounds through electrospinning/ electrospraying and spray drying: A comparative assessment of food-related applications	261,65

32	ΙΩΑΝΝΗΣ	ΕΓΓΟΝΟΠΟΥΛΟΣ	ΔΙΟΝΥΣΙΟΥ	Π.Μ	Simulation of electricity demand in a remote island for optimal planning of a hybrid renewable energy system	261,65
33	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΕΠΤΑΗΜΕΡΟΣ	ΓΕΩΡΓΙΟΥ	Ε.Μ.Φ.Ε	A different approach to Eringen's nonlocal integral stress model with applications for beams	130,82
34	ΜΑΡΙΑ	ΖΑΧΑΡΟΠΟΥΛΟΥ	ΗΛΙΑ	Χ.Μ	Sequential high gravity ethanol fermentation and anaerobic digestion of steam explosion and organosolv pretreated corn stover	261,65
35	ΗΡΑΚΛΗΣ	ΖΑΧΟΣ-ΣΙΑΓΚΟΣ	ΑΘΑΝΑΣΙΟΥ	Χ.Μ	A multivariate statistical analysis to evaluate and predict ignition quality of marine diesel fuel distillates from their physical properties	261,65
36	ΜΥΡΤΩ	ΖΕΝΕΛΗ	ΤΡΥΦΩΝΟΣ	Μ.Μ	Simulation of the reacting flow within a pilot scale calciner by means of a three phase TFM model	261,65
37	ΑΝΑΣΤΑΣΙΑ	ΖΕΡΒΑ	ΠΑΝΑΓΙΩΤΗ	Χ.Μ	Valorization of Olive Mill Wastewater for the Production of $\beta$ -glucans from Selected Basidiomycetes	261,65
38	ΑΠΟΣΤΟΛΟΣ	ΖΙΑΚΟΠΟΥΛΟΣ	ΝΙΚΟΛΑΟΥ	Π.Μ.	Meta-analysis of the effect of road work zones on crash occurrence	261,65
39	ΔΗΜΗΤΡΙΟΣ	ΖΟΥΡΑΡΗΣ	ΖΑΧΑΡΙΑ	Χ.Μ	Kinetic and amperometric study of the MtPerll peroxidase isolated from the ascomycete fungus Myceliophthora thermophila	261,65
40	ΙΩΑΝΝΑ	ΖΩΤΟΥ	ΝΙΚΟΛΑΟΥ	Α.Τ.Μ	The Water footprint of Crops in the Area of Mesogeia, Attiki, Greece	261,65
41	ΧΡΙΣΤΙΝΑ	ΗΛΙΟΠΟΥΛΟΥ	ΑΛΕΞΙΟΥ	Α.Τ.Μ	Energy supply security for the Aegean islands: A routing model with risk and environmental considerations	261,65
42	ΑΘΑΝΑΣΙΟΣ	ΘΕΟΦΙΛΑΤΟΣ	ΘΩΜΑ	Π.Μ	Investigation of powered 2-wheeler accident involvement in urban arterials by considering real-time traffic and weather data	261,65
43	ΑΛΕΞΑΝΔΡΟΣ	ΘΕΟΧΑΡΗΣ	ΙΩΑΝΝΗ	Ε.Μ.Φ.Ε	Scan line void fabric anisotropy tensors of granular media	261,65
44	ΜΑΡΙΟΣ	ΙΜΠΡΑΗΜΑΚΗΣ	ΡΑΦΑΤ	Π.Μ.	Multiscale modeling of carbon nanotube reinforced concrete	261,65
45	ΟΛΓΑ	ΙΩΑΝΝΟΥ	ΕΥΡΗΠΙΔΗ	Α.Μ	Pedagogical approaches to embodied topography: a workshop that unravels the hidden and imaginary landscapes of Elaionas	261,65

46	ΕΛΕΝΗ	ΚΑΒΕΤΣΟΥ	ΝΙΚΟΛΑΟΥ	X.M	Synthesis of prenyloxy coumarin analogues and evaluation of their antioxidant, lipoxygenase (LOX) inhibitory and cytotoxic activity	261,65
47	ΕΜΜΑΝΟΥΛ - ΜΑΡΙΟΣ	ΚΑΖΑΣΙΔΗΣ	ΣΤΑΥΡΟΥ	N.M.M	The effect of the heat input energy on the tensile properties of the AH-40 fatigue crack arrester steel, welded by the use of the robotic metal-cored arc welding technique	261,65
48	ΧΡΗΣΤΟΣ	ΚΑΛΑΘΑΚΗΣ	ΑΝΔΡΕΑ	M.M	Assessment of Solar Gas Turbine Hybridization Schemes	261,65
49	ΒΑΣΙΛΕΙΟΣ	ΚΑΛΛΙΜΟΓΙΑΝΝΗΣ	ΓΕΩΡΓΙΟΥ	Π.Μ	Fracturing process and effect of fracturing degree on wave velocity of a crystalline rock	261,65
50	ΙΩΑΝΝΑ - ΠΑΝΑΓΙΩΤΑ	ΚΑΝΑΒΕΛΗ	ΑΡΙΣΤΟΔΗΜΟΥ - ΝΙΚΟΛΑΟΥ	H.M.M.Y.	Predicting the viscosity of diesel / biodiesel blends	130,82
51	ΜΑΡΙΑ	ΚΑΝΝΕΛΗ	ΧΡΗΣΤΟΥ	X.M	Acylation of soluble polysaccharides in a biphasic system catalyzed by a CE2 acetyl esterase	261,65
52	ΝΙΚΟΛΑΟΣ	ΚΑΡΑΓΙΑΝΝΗΣ	ΓΕΩΡΓΙΟΥ	X.M	Drying kinetics of building materials capillary moisture	261,65
53	ΙΩΑΝΝΗΣ	ΚΑΡΑΓΙΩΡΓΟΣ	ΓΕΩΡΓΙΟΥ	E.M.Φ.Ε	A Neumann problem for the $p(x)$ -Laplacian with $p=1$ in a subdomain	261,65
54	ΓΕΩΡΓΙΟΣ	ΚΑΡΑΚΑΤΣΑΝΗΣ	ΔΗΜΗΤΡΙΟΥ	Π.Μ	Energy, variability and weather finance engineering	261,65
55	ΧΡΙΣΤΙΝΑ	ΚΑΡΑΚΙΖΗ	ΣΤΑΥΡΟΥ	A.T.M	Validation and Inter-Comparison of Spaceborne Derived Global and Continental Land Cover Products for the Mediterranean Region: The Case of Thessaly	261,65
56	ΠΑΝΑΓΙΩΤΗΣ	ΚΑΡΑΚΙΖΗΣ	ΝΙΚΟΛΑΟΥ	N.M.M	The role of SiC and TiC nanoparticle reinforcement on AA5083-H111 friction stir welds studied by electron microscopy and mechanical testing	261,65
57	ΜΙΛΤΙΑΔΗΣ	ΚΑΡΑΜΑΝΛΗΣ	ΝΙΚΟΛΑΟΥ	E.M.Φ.Ε	Completing graphs to metric spaces	261,65
58	ΓΕΩΡΓΙΟΣ	ΚΑΡΕΛΙΩΤΗΣ	ΣΠΥΡΙΑΔΩΝΟΣ	E.M.Φ.Ε	Assessment of singlet oxygen dosimetry concepts in photodynamic therapy through computational modeling	261,65
59	ΠΑΡΑΣΚΕΥΗ	ΚΑΡΚΑ	ΝΙΚΟΛΑΟΥ	X.M	Cradle-to-gate assessment of environmental impacts for a broad set of biomass-to-product process chains	261,65
60	ΝΙΚΟΛΑΟΣ	ΚΑΡΚΑΛΟΣ	ΕΛΕΥΘΕΡΙΟΥ	M.M	Modeling Nano-Metric Manufacturing Processes with Molecular Dynamics Method: a Review	261,65

61	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΚΑΤΣΙΜΠΟΥΡΑΣ	ΗΛΙΑ	X.M	Production of high concentrated cellulosic ethanol by acetone/water pretreated beech wood	261,65
62	ΜΑΡΙΑ	ΚΑΤΣΟΥΛΗ	ΑΝΑΣΤΑΣΙΟΥ	X.M	Influence of surface-active phenolic acids and aques phase ratio on w/o nano-emulsions properties; model fitting and prediction of nano-emulsions oxidation stability	261,65
63	ΜΑΡΙΝΑ-ΣΟΦΙΑ	ΚΑΨΑΛΗ	ΧΡΗΣΤΟΥ	M.M	Investigating the role of local pumped-hydro energy storage in interconnected island grids with high wind power generation	261,65
64	ΔΗΜΗΤΡΙΟΣ	ΚΑΨΟΥΛΗΣ	ΗΛΙΑ	M.M	Evolutionary multi-objective optimization assisted by metamodels kernel PCA and multi-criteria decision making techniques with applications in aerodynamics	261,65
65	ΕΥΑΓΓΕΛΙΑ	ΚΙΟΣΙΔΟΥ	ΔΗΜΗΤΡΙΟΥ	N.M.M	Rust morphology characterization of polyurethane and acrylic-based marine antifouling paints after salt spray test on scribed specimens	261,65
66	ΔΗΜΗΤΡΙΟΣ	ΚΙΤΣΑΚΗΣ	ΟΔΥΣΣΕΑ	A.T.M	Addressing Public Law Restrictions within a 3D Cadastral Context	261,65
67	ΓΕΩΡΓΙΟΣ	ΚΟΛΕΖΑΣ	ΔΗΜΗΤΡΙΟΥ	H.M.M.Y.	CFVIE formulation for EM scattering on inhomogeneous anisotropic-metallic objects	261,65
68	ΚΩΝΣΤΑΝΤΙΝΑ	ΚΟΛΙΟΓΕΩΡΓΗ	ΙΩΑΝΝΗ	H.M.M.Y.	An Exploration Framework for Efficient High-Level Synthesis of Support Vector Machines: Case Study on ECG Arrhythmia Detection for Xilinx Zynq SoC	261,65
69	ΑΙΚΑΤΕΡΙΝΗ	ΚΟΝΤΗ	ΔΗΜΗΤΡΙΟΥ	X.M	Investigation of Halohydrins Degradation by Whole Cells and Cell-free Extract of Pseudomonas putida DSM 437: A Kinetic Approach	261,65
70	ΔΗΜΗΤΡΙΟΣ	ΚΟΡΡΕΣ	ΝΙΚΟΛΑΟΥ	M.M	A new mini-CPC with a U-type evacuated tube under thermal and optical investigation	261,65
71	ΜΙΧΑΗΛ - ΑΛΕΞΑΝΔΡΟΣ	ΚΟΥΤΙΟΥΜΤΖΗΣ	ΠΑΥΛΟΥ	M.M	Process integration of a polygeneration plant with biomass/coal co-pyrolysis	261,65
72	ΙΩΑΝΝΗΣ	ΚΟΥΝΤΟΥΡΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΥ	Π.Μ	Investigation on the stochastic nature of the solar radiation process	261,65
73	ΔΗΜΗΤΡΙΟΣ-ΣΩΤΗΡΙΟΣ	ΚΟΥΡΚΟΥΜΠΑΣ	ΣΠΥΡΙΑΔΩΝΟΣ	M.M	An enviromental and economic evaluation of the lignite power generation system by using the life cycle analysis principles	261,65

74	ΙΩΑΝΝΗΣ	ΚΟΥΡΤΗΣ	ΜΙΧΑΗΛ	A.T.M	Economic Valuation of Ecosystem Services Provided by the Restoration of an Irrigation Canal to a Riparian Corridor	261,65
75	ΣΠΥΡΙΔΩΝ	ΚΟΥΤΣΟΥΚΟΣ	ΧΡΗΣΤΟΥ	X.M	Synthesis and characterization of silver nanoparticles using biodegradable protic ionic liquids	261,65
76	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΚΟΥΤΣΟΥΜΑΡΗΣ	ΧΡΗΣΤΟΥ	E.M.Φ.Ε	A different approach to Eringen's nonlocal integral stress model with applications for beams	130,82
77	ΣΤΕΦΑΝΟΣ	ΚΟΥΤΣΟΥΜΠΗΣ	ΑΔΑΜΑΝΤΙΟΥ	E.M.Φ.Ε	Dynamic glass transition of the rigid amorphous fraction in polyurethane-urea/SiO <sub>2</sub> nanocomposites	261,65
78	ΓΕΩΡΓΙΟΣ	ΚΟΥΨΙΑΥΤΗΣ	ΙΩΑΝΝΗ	A.T.M	Assessment of drought impacts on semi-arid coastal aquifers of the Mediterranean	130,82
79	ΧΑΡΑΛΑΜΠΟΣ	ΚΥΡΙΑΚΙΔΗΣ	ΜΑΡΚΟΥ	A.T.M	Four stories for sustainable mobility in Greece	261,65
80	ΕΛΕΝΑ - ΑΛΕΞΙΑ	ΚΥΡΙΑΚΟΠΟΥΛΟΥ	ΠΑΝΤΕΛΗ	N.M.M	Manufacturing process of AA5083/nano-γAl <sub>2</sub> O <sub>3</sub> localized composite metal foam fabricated by friction stir processing route (FSP) and microstructural characterization	130,82
81	ΙΩΑΝΝΑ	ΚΩΣΤΟΠΟΥΛΟΥ	ΘΕΟΔΩΡΟΥ	X.M	Recent developments on tyrosinase inhibitors based on the chalcone and aurone scaffolds	261,65
82	ΕΥΘΥΜΙΟΣ	ΛΑΔΟΥΚΑΚΗΣ	ΑΘΑΝΑΣΙΟΥ	X.M	Using Prokaryotes for Carbon Capture Storage	261,65
83	ΑΓΓΕΛΙΚΗ	ΛΑΠΠΑ	ΚΩΝΣΤΑΝΤΙΝΟΥ	E.M.Φ.Ε	Screening Active Effects in Supersaturated Designs with Binary Response via Control Charts	261,65
84	ΒΑΣΙΛΕΙΟΣ	ΛΕΩΝ	ΚΩΝΣΤΑΝΤΙΝΟΥ	H.M.M.Y.	Approximate Hybrid High Radix Encoding for Energy-Efficient Inexact Multipliers	261,65
85	ΔΗΜΗΤΡΙΟΣ	ΛΙΤΣΑΣ	ΛΟΥΚΑ	Π.Μ	Development of a 3D finite element model for shield EPB tunnelling	261,65
86	ΜΙΧΑΗΛ	ΛΟΤΙΑΔΗΣ	ΑΝΤΩΝΙΟΥ	M.M.M	Numerical Simulation of Granite Plates Containing a Cylindrical Opening in Compression	261,65
87	ΝΙΚΟΛΑΟΣ	ΛΥΡΑΣ	ΚΩΝΣΤΑΝΤΙΝΟΥ	H.M.M.Y.	Cloud free line of sight prediction modeling for optical satellite communication networks	261,65
88	ΠΑΝΑΓΙΩΤΗΣ - ΕΛΕΥΘΕΡΙΟΣ	ΜΑΚΑΤΟΥΝΗΣ	ΖΑΧΑΡΙΑ	Π.Μ	Management of oil spill contamination in the Gulf of Patras caused by an accidental subsea blowout	261,65
89	ΖΗΣΗΣ	ΜΑΛΛΙΩΤΑΚΗΣ	ΔΗΜΗΤΡΙΟΥ	M.M	A comparative study of the effect of varied reaction environments on a swirl stabilized flame geometry via optical measurements	261,65

90	ΕΥΑΓΓΕΛΟΣ	ΜΑΛΤΕΖΟΣ	ΣΤΑΥΡΟΥ	A.T.M	Deep convolutional neural networks for building extraction from orthoimages and dense image matching point clouds	261,65
91	ΘΕΟΦΙΛΟΣ ΙΩΑΝΝΗΣ	ΜΑΝΙΤΑΡΑΣ	ΔΗΜΗΤΡΙΟΥ	Π.Μ	Dynamic variability response functions for stochastic wave propagation in soils	261,65
92	ΓΕΩΡΓΙΑ	ΜΑΝΟΥ	ΧΡΗΣΤΟΥ	Π.Μ	Harnessing wind and wave resources for a Hybrid Renewable Energy System in remote islands: a combined stochastic and deterministic approach	261,65
93	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΜΑΡΑΓΚΟΣ	ΠΑΝΑΓΙΩΤΗ	H.M.M.Y.	On supporting rapid prototyping of embedded systems with reconfigurable architectures	261,65
94	ΧΑΡΑΛΑΜΠΟΣ	ΜΑΡΑΝΤΟΣ	ΧΡΗΣΤΟΥ	H.M.M.Y.	A Flexible Decision-Making Mechanism Targeting Smart Thermostats	261,65
95	ΔΗΜΟΣΘΕΝΗΣ	ΜΑΣΟΥΡΟΣ	ΓΕΩΡΓΙΟΥ	H.M.M.Y.	SoftRM: Self-Organized Fault-Tolerant Resource Management for Failure Detection and Recovery in NoC Based Many-Cores	261,65
96	ΗΛΙΑΣ	ΜΑΤΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΥ	X.M	An integrated bacterial system for the discovery of chemical rescuers of disease-associated protein misfolding	261,65
97	ΙΦΙΓΕΝΕΙΑ	ΜΑΥΡΑΓΑΝΗ	ΒΑΣΙΛΕΙΟΥ	E.M.ΦΕ	Complex DNA Damage: A Route to Radiation-Induced Genomic Instability and Carcinogenesis	261,65
98	ΒΑΣΙΛΕΙΟΣ	ΜΕΛΙΣΣΙΑΝΟΣ	ΕΛΕΥΘΕΡΙΟΥ	Π.Μ	Performance Assessment of Buried Pipelines at Fault crossing	261,65
99	ΛΟΥΚΑΣ- ΜΩΥΣΗΣ	ΜΙΣΘΟΣ	ΝΙΚΟΛΑΟΥ	M.M.M	Exploring the perceived intrusion of mining into the landscape using the fuzzy cognitive mapping approach	261,65
100	ΕΥΑΓΓΕΛΟΣ	ΜΟΣΧΟΣ	ΝΙΚΟΛΑΟΥ	Π.Μ	Coastal Processes Assessment Under Extreme Storm Events Using Numerical Modelling Approaches	261,65
101	ΑΙΚΑΤΕΡΙΝΗ	ΜΟΥΝΤΡΑΚΗ	ΔΗΜΗΤΡΙΟΥ	X.M	Selection of Biorefinery Routes: The Case of Xylitol and its Integration with an Organosolv Process	261,65
102	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΜΠΑΚΑΛΗΣ	ΒΑΣΙΛΕΙΟΥ	Π.Μ	Seismic risk assessment of liquid storage tanks via a nonlinear surrogate model	261,65
103	ΕΜΜΑΝΟΥΗΛ	ΜΠΑΡΜΠΟΥΝΑΚΗΣ	ΝΙΚΟΛΑΟΥ	Π.Μ	How accurate are small drones for measuring microscopic traffic parameters?	261,65
104	ΔΕΣΠΟΙΝΑ	ΜΠΑΤΣΟΥΛΗ	ΗΡΑΚΛΕΟΥΣ	X.M	Effect of local microstructure on the indentation induced damage of a fiber reinforced composite	261,65



105	ΕΥΑΓΓΕΛΟΣ	ΜΠΕΛΛΟΣ	ΑΝΤΩΝΙΟΥ	M.M	Parametric analysis and optimization of a solar driven trigeneration system based on ORC and absorption heat pump	261,65
106	ΜΑΡΙΑ ΜΑΡΓΑΡΙΤΑ	ΜΠΕΡΤΣΙΟΥ	ΠΑΝΑΓΙΩΤΗ	Π.Μ	Water management and electricity output of a Hybrid Renewable Energy System (HRES) in Fournoi island in Aegean Sea	261,65
107	ΕΛΕΝΙΤΣΑ	ΜΠΟΛΗ	ΠΑΝΑΓΙΩΤΗ	X.M	Separation of the isopropanol-water azeotropic mixture using ionic liquids	261,65
108	ΧΡΙΣΤΙΝΑ	ΜΠΟΥΚΟΥΒΑΛΑ	ΒΑΣΙΛΕΙΟΥ	M.M	Two-dimensional thio- and seleno-cyanates of Mo and W	261,65
109	ΑΘΑΝΑΣΙΟΣ	ΜΠΟΥΡΑΣ	ΣΤΕΡΓΙΟΥ	Π.Μ	Investigation of hexavalent chromium sorption in serpentine sediments	261,65
110	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΜΠΡΑΪΜΑΚΗΣ	ΛΕΩΝΙΔΑ	M.M	Integrated thermoeconomic optimization of standard and regenerative ORC for different heat source types and capacities	261,65
111	ΚΑΡΜΕΝ	ΜΥΛΩΝΑΚΟΥ - ΚΟΥΦΟΥΔΑΚΗ	ΔΗΜΗΤΡΙΟΥ	X.M	Development, characterization and study of new (Cd,Zn)Se-based hybrid semiconductive systems	261,65
112	ΕΥΣΤΡΑΤΙΟΣ	ΝΙΚΟΛΑΪΒΙΤΣ	ΛΟΥΚΑ	X.M	Immobilization of Cutinase from Fusarium oxysporum and Application in Pineapple Flavor Synthesis	261,65
113	ΜΙΧΑΗΛ	ΝΙΤΣΑΣ	ΘΑΝΑ	M.M	Experimental and theoretical performance investigation of asymmetric photovoltaic/thermal hybrid solar collectors connected in series	261,65
114	ΝΕΦΕΛΗ- ΕΥΦΡΟΣΥΝΗ	ΝΟΒΑΚ	ΜΑΥΡΙΚΙΟΥ- ΑΛΕΞΙΟΥ	X.M	Prediction of dew points and liquid dropouts of gas condensate mixtures	261,65
115	ΠΑΝΑΓΙΩΤΗΣ	ΝΤΖΕΡΕΜΕΣ	ΝΙΚΟΛΑΟΥ	M.M	Exploring driving habits and safety critical behavioural intentions among road tunnel users: A questionnaire survey in Greece	261,65
116	ΓΕΩΡΓΙΟΣ	ΝΤΟΥΡΜΑΣ	ΔΗΜΗΤΡΙΟΥ	M.M	A mathematically assisted methodology for the experimental calculation of the internal gear ratios to extend the lifecycle of a hobbing machine	86,88
117	ΘΕΜΙΣΤΟΚΛΗΣ	ΕΥΓΚΗΣ	ΧΡΗΣΤΟΥ	H.M.M.Y.	Optimized Measurement Allocation for Power Distribution Systems Using Mixed Integer SDP	261,65
118	ΙΩΑΝΝΑ	ΠΑΓΩΝΗ	ΠΑΝΑΓΙΩΤΗ	Π.Μ	Calculation of aircraft fuel consumption and CO2 emissions based on path profile estimation by clustering and registration	261,65

119	ΝΙΚΟΛΑΟΣ	ΠΑΛΛΗΚΑΡΑΚΗΣ	ΕΥΤΥΧΙΟΥ	Ε.Μ.Φ.Ε	The inverse transmission eigenvalue problem for a discontinuous refractive index	261,65
120	ΜΑΡΙΑ	ΠΑΝΑΓΙΩΤΟΠΟΥΛΟΥ	ΙΩΑΝΝΗ	Α.Τ.Μ	In search of Indicators for Assessing Smart and Sustainable Cities and Communities' Performance	261,65
121	ΧΡΥΣΑΪΔΑ - ΑΛΙΚΗ	ΠΑΠΑΔΟΠΟΥΛΟΥ	ΓΕΩΡΓΙΟΥ	Α.Τ.Μ	Crowdsourcing and Living Labs in Support of Smart Cities' Development	261,65
122	ΗΛΙΑΣ - ΙΩΑΝΝΗΣ	ΠΑΠΑΗΛΙΑΣ	ΜΙΧΑΗΛ	Χ.Μ	Photocatalytic activity of modified g-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> nanocomposites for Nox removal	261,65
123	ΒΑΣΙΛΕΙΑ	ΠΑΠΑΘΑΝΑΣΟΠΟΥΛΟΥ	ΓΕΩΡΓΙΟΥ	Α.Τ.Μ	A framework for risk reduction for indoor parking facilities under constraints using positioning technologies	261,65
124	ΓΕΩΡΓΙΟΣ	ΠΑΠΑΙΩΑΝΝΟΥ	ΔΗΜΗΤΡΙΟΥ	Μ.Μ	An approach for multi-objective optimization of vehicle suspension system	261,65
125	ΠΑΝΑΓΙΩΤΗΣ	ΠΑΠΑΝΙΚΟΛΑΟΥ	ΔΗΜΗΤΡΙΟΥ	Η.Μ.Μ.Υ.	Optimization Techniques for Incremental Planning of Multilayer Elastic Optical Networks	261,65
126	ΙΩΑΝΝΗΣ	ΠΑΠΑΝΤΩΝΙΟΥ	ΓΕΩΡΓΙΟΥ	Μ.Μ	Manufacturing process of AA5083/nano-γAl <sub>2</sub> O <sub>3</sub> localized composite metal foam fabricated by friction stir processing route (FSP) and microstructural characterization	130,82
127	ΒΑΣΙΛΕΙΟΣ	ΠΑΠΑΣΠΗΛΙΩΤΟΠΟΥΛΟΣ	ΑΝΤΩΝΙΟΥ	Η.Μ.Μ.Υ.	A Peculiar Property of Double-Phase-to Ground Faults in the Presence of Fault Resistance	261,65
128	ΓΕΩΡΓΙΑ	ΠΑΠΑΧΑΡΑΛΑΜΠΟΥΣ	ΑΘΑΝΑΣΙΟΥ	Π.Μ	Variable selection in time series forecasting using random forests	261,65
129	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΠΑΠΟΥΛΑΚΟΣ	ΓΕΩΡΓΙΟΥ	Π.Μ	Simulation of water-energy fluxes through small-scale reservoir systems under limited data availability	261,65
130	ΧΡΗΣΤΟΣ	ΠΑΠΟΥΤΣΕΛΛΗΣ	ΕΥΣΤΡΑΤΙΟΥ	Ν.Μ.Μ	Exact semi-separation of variables in waveguides with non-planar boundaries	261,65
131	ΓΕΩΡΓΙΟΣ	ΠΑΥΛΙΔΗΣ	ΑΘΑΝΑΣΙΟΥ	Α.Τ.Μ	Tree uptake of excess nutrients and herbicides in a maize-olive tree cultivation system	261,65
132	ΕΛΕΝΗ - ΜΑΡΙΑ	ΠΑΥΛΟΠΟΥΛΟΥ	ΕΥΑΓΓΕΛΟΥ	Π.Μ	Analysis of a vertical segmental shaft using 2D & 3D finite element codes	261,65
133	ΔΗΜΟΣΘΕΝΗΣ	ΠΑΥΛΟΥ	ΗΛΙΑ	Π.Μ	Mild Cognitive Impairment and driving: Does in-vehicle distraction affect driving performance?	261,65
134	ΔΩΡΟΘΕΑ	ΠΕΡΓΑΝΤΗ	ΝΙΚΟΛΑΟΥ	Χ.Μ	Cost-efficient platinum-free DSCs using colloidal graphite counter electrodes combined with D35 organic dye and cobalt ( II/III) redox couple	261,65

135	ΙΩΑΝΝΗΣ	ΠΕΠΙΔΙΚΗΣ	ΣΤΑΥΡΟΥ	A.T.M	Investigating integration capabilities between IFC and cityGML lod3 for 3D city modelling	261,65
136	ΑΡΓΥΡΩ	ΠΛΕΥΡΗ	ΓΕΩΡΓΙΟΥ	ΔΙΠΜΕ ΕΠΙΣΤΗΜ Η ΚΑΙ ΤΕΧΝΟΛ ΟΓΙΑ ΥΔΑΤΙΚΩ Ν ΠΟΡΩΝ	Promoting on-site urban wastewater reuse through MBR-RO treatment	261,65
137	ΜΑΡΙΑ	ΠΟΜΟΝΗ	ΣΠΥΡΙΔΩΝΟΣ	Π.Μ	Development of a Mean Profile Depth to Mean Texture Depth Shift Factor for Asphalt Pavements	261,65
138	ΑΘΑΝΑΣΙΟΣ	ΠΟΡΦΥΡΗΣ	ΔΗΜΗΤΡΙΟΥ	X.M	Direct solid state polycondensation of tetra- and hexa-methylenediammonium terephthalate: Scaling up from the TGA micro-reactor to a laboratory autoclave	261,65
139	ΕΥΑΓΓΕΛΟΣ	ΠΟΥΛΑΚΗΣ	ΧΡΗΣΤΟΥ	X.M	A Green Route to Copper Loaded Silica Nanoparticles Using Hyperbranched Poly(Ethylene Imine) as a Biomimetic Template: Application in Heterogeneous Catalysis	261,65
140	ΙΩΑΝΝΗΣ	ΠΟΥΛΟΠΟΥΛΟΣ	ΝΙΚΟΛΑΟΥ	H.M.M.Y.	Angled 3D Glass-to-Silicon Photonics Coupling Interface	261,65
141	ΑΝΑΡΓΥΡΟΣ	ΡΟΥΜΕΛΙΩΤΗΣ	ΙΩΑΝΝΗ	H.M.M.Y.	QoS-driven power and time allocation scheme for spectrum leasing in overlay cognitive radio networks	261,65
142	ΜΑΡΙΑ - ΘΕΟΓΝΩΣΙΑ	ΣΑΒΒΙΔΟΥ	ΓΕΩΡΓΙΟΥ	X.M	A study on the combined effects of carbon and nitrogen source on high added value products synthesis by Nannochloropsis oceanica CCMP1779 using response surface methodology	261,65
143	ΕΜΜΑΝΟΥΗΛ	ΣΑΚΑΡΙΑΔΗΣ	ΣΑΡΑΝΤΗ	M.M	A mathematically assisted methodology for the experimental calculation of the internal gear ratios to extend the lifecycle of a hobbing machine	86,88
144	ΑΘΑΝΑΣΙΟΣ	ΣΑΡΗΓΙΑΝΝΙΔΗΣ	ΓΕΩΡΓΙΟΥ	H.M.M.Y.	Fast Adaptive Evolutionary PM Traction Motor Optimization Based on Electric Vehicle Drive Cycle	261,65
145	ΠΑΡΑΣΚΕΥΗ	ΣΙΑΜΑΝΔΟΥΡΑ	ΑΓΓΕΛΟΥ	X.M	Encapsulation of Olive Leaves Extracts in Biodegradable PLA Nanoparticles for Use in Cosmetic Formulation	261,65
146	ΜΑΡΙΑ	ΣΟΥΛΗ	ΠΑΝΑΓΙΩΤΗ	E.M.Φ.Ε	Applying Broadband Dielectric Spectroscopy(BDS) for the Biophysical Characterization of Mammalian Tissues under a Variety of Cellular Stresses	261,65

147	ΙΩΑΝΝΗΣ	ΣΟΦΟΣ	ΔΗΜΗΤΡΙΟΥ	A.T.M	VGI in surveying engineering: Introducing collaborative cloud land surveying	261,65
148	ΠΑΤΡΙΤΣΙΑ-ΜΑΡΙΑ	ΣΤΑΘΑΤΟΥ	ΓΕΩΡΓΙΟΥ	X.M	Creating an enabling environment for WR&R implementation	261,65
149	ΠΑΡΑΣΚΕΥΗ	ΣΤΑΜΟΥ	ΑΘΑΝΑΣΙΟΥ	Π.Μ	Creating the electric energy mix in a non-connected island	130,82
150	ΧΡΥΣΑΝΘΟΣ	ΣΤΕΡΓΙΟΠΟΥΛΟΣ	ΚΩΝΣΤΑΝΤΙΝΟΥ	X.M	The use of immobilized artificial membrane chromatography to predict bioconcentration of pharmaceutical compounds	261,65
151	ΜΑΡΙΟΣ	ΣΤΟΓΙΑΝΝΟΣ	ΣΤΑΜΑΤΙΟΥ	X.M	Model predictive control for systems with fast dynamics using inverse neural models	261,65
152	ΜΑΡΙΝΑ	ΣΤΡΑΜΑΡΚΟΥ	ΘΕΟΔΩΡΟΥ	X.M	Effect of drying and extraction conditions on the recovery of bioactive compounds from <i>Chlorella vulgaris</i>	261,65
153	ΠΑΝΑΓΙΩΤΑ	ΣΥΡΙΜΗ	ΓΕΩΡΓΙΟΥ	Π.Μ	Kdamper concept in seismic isolation of bridges with flexible piers	261,65
154	ΙΩΑΝΝΗΣ	ΣΦΗΚΑΣ	ΔΗΜΗΤΡΙΟΥ	E.M.Φ.Ε	Model of warfare	261,65
155	ΓΕΩΡΓΙΟΣ	ΣΩΜΑΡΑΚΗΣ	ΧΡΗΣΤΟΥ	A.T.M	Engaging Citizens in Planning Open Public Space Regeneration: Pedio Agora Framework	261,65
156	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΣΩΤΗΡΟΠΟΥΛΟΣ	ΠΑΝΑΓΙΩΤΗ	H.M.M.Y.	Hyperbolic Embedding for Efficient Computation of Path Centralities and Adaptive Routing in Large-Scale Complex Commodity Networks	261,65
157	ΠΑΝΑΓΙΩΤΗΣ	ΣΩΦΡΟΝΙΔΗΣ	ΓΕΩΡΓΙΟΥ	A.T.M	A common operational picture in support of situational awareness for efficient emergency response operations	261,65
158	ΑΘΑΝΑΣΙΟΣ	ΤΑΓΑΡΗΣ	ΓΕΩΡΓΙΟΥ	H.M.M.Y.	Deep neural architectures for prediction in healthcare	261,65
159	ΚΡΥΣΟΒΑΛΑΝΤΗΣ	ΤΕΜΠΛΗΣ	ΧΡΗΣΤΟΥ	X.M	Modeling Mass Transfer in a Three-Phase Minireactor Filled with Trilobe Catalytic Extrudates in Series	261,65
160	ΠΛΟΥΤΑΡΧΟΣ	ΤΖΑΜΠΟΓΛΟΥ	ΗΛΙΑ	M.M.M	Evaluating geological and geotechnical data for the study of land subsidence phenomena at the perimeter of the Amyntaio coalmine, Greece	261,65
161	ΑΝΔΡΟΜΑΧΗ	ΤΖΑΝΗ	ΣΤΕΦΑΝΟΥ	X.M	Green biotransformations catalysed by enzyme-inorganic hybrid nanoflowers in environmentally friendly ionic solvents	261,65

162	ΠΑΝΑΓΙΩΤΗΣ-ΝΙΚΟΛΑΟΣ	ΤΖΟΥΝΗΣ	ΑΝΤΩΝΙΟΥ	Χ.Μ	General Methodology for Estimating the Stiffness of Polymer Chains from Their Chemical Constitution: A Single Unperturbed Chain Monte Carlo Algorithm	261,65
163	ΔΗΜΗΤΡΙΟΣ	ΤΙΓΚΑΣ	ΑΝΑΣΤΑΣΙΟΥ	Α.Τ.Μ	Assessment of drought impacts on semi-arid coastal aquifers of the Mediterranean	130,82
164	ΚΩΝΣΤΑΝΤΙΝΑ-ΧΡΙΣΤΙΝΑ	ΤΟΙΚΑ	ΓΕΩΡΓΙΟΥ	Χ.Μ	Electrochemical synthesis of biomimetic micro-nano structured super-hydrophobic thin films	261,65
165	ΓΕΩΡΓΙΟΣ	ΤΣΑΟΥΣΟΓΛΟΥ	ΑΝΤΩΝΙΟΥ	Η.Μ.Μ.Υ.	Electricity market policies for penalizing volatility and scheduling strategies: The value of aggregation, flexibility and correlation	261,65
166	ΑΓΓΕΛΟΣ	ΤΣΑΤΣΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΥ	Π.Μ	Performance of a buried pipeline along the dip of a slope experiencing accidental sliding	261,65
167	ΔΗΜΗΤΡΙΟΣ	ΤΣΕΛΕΝΤΗΣ	ΙΩΑΝΝΗ	Π.Μ	Innovative motor insurance schemes: A review of current practices and emerging challenges	261,65
168	ΧΡΥΣΟΒΑΛΑΝΤΗ	ΤΣΕΣΜΕΛΗ	ΕΜΜΑΝΟΥΗΛ	Χ.Μ	Evaluation of the antimicrobial activity of synthetic and natural phenolic type antioxidants in biodiesel fuel	261,65
169	ΙΩΑΝΝΗΣ	ΤΣΙΑΠΑΣ	ΖΗΚΟΥ	Π.Μ	Equivalent Linear Computation of Response Spectra for Liquefiable Sites: The Spectral Envelope Method	261,65
170	ΕΛΙΣΑΒΕΤ	ΤΣΙΑΙΜΑΝΤΟΥ	ΚΩΝΣΤΑΝΤΙΝΟΥ	ΑΤΜ	Applying OGC Standards to Develop a Land Surveying Measurement Model	261,65
171	ΔΗΜΗΤΡΙΟΣ	ΤΣΙΜΠΟΥΚΗΣ	ΑΡΙΣΤΕΙΔΗ	Μ.Μ	Multi-criteria evaluation of parabolic trough collector with internally finned absorbers	261,65
172	ΓΕΩΡΓΙΟΣ	ΤΣΙΦΗΣ	ΙΩΑΝΝΗ	Μ.Μ	Energetic, Exergetic, Economic and Environmental (4E) analysis of a solar assisted refrigeration system for various operating scenarios	261,65
173	ΒΑΣΙΛΕΙΟΣ	ΤΣΟΥΤΣΟΥΡΑΣ	ΣΠΥΡΙΔΩΝΟΣ	Η.Μ.Μ.Υ.	Distributed Trade-Based Edge Device Management in Multi-Gateway IoT	261,65

174	ΧΡΗΣΤΟΣ	ΤΥΡΑΛΗΣ	ΒΑΣΙΛΕΙΟΥ	ΔΠΜΣ Περιβάλλον και Ανάπτυξη	Exploratory data analysis of the electrical energy demand in the time domain in Greece	261,65
175	ΖΑΧΑΡΙΑΣ	ΦΑΣΟΥΛΑΚΗΣ	ΧΑΡΑΛΑΜΠΟΥΣ	Π.Μ	Experimental and numerical study on single-bolted cold-formed angles under tension and compression	261,65
176	ΠΑΡΑΣΚΕΥΗ	ΦΙΚΑ	ΑΘΑΝΑΣΙΟΥ	ΔΠΜΣ Μαθηματική προτυποποίηση σε σύγχρονες τεχνολογίες και στα χρηματοοικονομικά	Stochastic estimates for the trace of functions of matrices via Hadamard matrices	261,65
177	ΑΙΚΑΤΕΡΙΝΗ	ΦΟΡΟΥΛΗ	ΑΝΤΩΝΙΟΥ	Η.Μ.Μ.Υ.	Identification of climate policy knowledge needs: a stakeholders consultation approach	261,65
178	ΓΕΩΡΓΙΑ	ΦΡΑΚΟΛΑΚΗ	ΕΛΕΥΘΕΡΙΟΥ	Χ.Μ	Chemical characterization and breadmaking potential of spelt versus wheat flour	261,65
179	ΜΑΡΙΑ	ΧΑΛΑΚΑΤΕΒΑΚΗ	ΕΜΜΑΝΟΥΗΛ	Π.Μ	Creating the electric energy mix in a non-connected island	130,82
180	ΣΟΦΙΑ	ΧΑΝΙΩΤΗ	ΓΕΩΡΓΙΟΥ	Χ.Μ	Optimization of ultrasound-assisted extraction of oil from olive pomace using response surface technology: Oil recovery, unsaponifiable matter, total phenol content and antioxidant activity	261,65
181	ΣΠΥΡΙΔΩΝ	ΧΑΪΠΑΛΟΓΛΟΥ	ΝΙΚΟΛΑΟΥ	ΔΠΜΣ Συστήματα Αυτοματισμού	Numerical analysis of GPHE's hydrodynamic and thermal characteristics, by applying an iterative procedure for the thermal boundary conditions	261,65
182	ΗΛΙΑΣ	ΧΑΡΙΤΟΣ	ΓΕΩΡΓΙΟΥ	Ε.Μ.Φ.Ε	Thermomechanical - Electrical Properties and Micromechanics Modeling of Linear Low Density Polyethylene Reinforced with Multi - Walled Carbon Nanotubes	261,65
183	ΕΥΑΓΓΕΛΙΑ	ΧΟΝΔΡΟΔΗΜΑ	ΣΩΤΗΡΙΟΥ	Χ.Μ	A Fast and Efficient Method for Training Categorical Radial Basis Function Networks	261,65

184	ΕΥΑΝΘΙΑ	ΧΟΥΛΙΤΟΥΔΗ	ΑΘΑΝΑΣΙΟΥ	X.M	Edible coating enriched with rosemary extracts to enhance oxidative and microbial stability of smoked eel fillets	261,65
185	ΕΜΜΑΝΟΥΗΛ	ΧΡΥΣΟΣ	ΓΕΩΡΓΙΟΥ	M.M	A comparison of optimal semi-active suspension systems regarding vehicle ride comfort	261,65
186	ΓΕΩΡΓΙΟΣ	ΨΑΡΡΟΣ	ΝΙΚΟΛΑΟΥ	H.M.M.Y.	Generation Scheduling in Non-Interconnected Islands with High RES Penetration	261,65
187	ΑΛΕΞΑΝΔΡΟΣ	ΨΩΜΑΣ	ΓΕΩΡΓΙΟΥ	Π.Μ	Assessing future water supply and demand in a water-stressed catchment after environmental restrictions on abstractions	261,65

Γενικό Σύνολο

47.095,94 €

## Πίνακας 2

Συνέδρια 2017 (μόνο τιμητικός έπαινος)

α/α	Όνομα	Επίθετο	Πατρώνυμο	Σχολή	Τίτλος εργασίας	Ποσό
1	FLAVIO	GAGLIARDI	SERGIO	M.M	A Two-Step Mesh Adaptation Tool Based on RBF with application to Turbomachinery Optimization Loops	ΌΧΙ
2	ΠΑΝΑΓΙΩΤΗΣ	ΑΓΡΑΦΙΩΤΗΣ	ΓΕΩΡΓΙΟΥ	A.T.M	3D Modelling the Invisible Using Ground Penetrating Radar	ΌΧΙ
3	ΠΑΥΛΟΣ	ΑΛΕΞΙΑΣ	ΠΑΝΑΓΙΩΤΗ	M.M	Gradient projection, constraints and surface regularization methods in adjoint shape optimization	ΌΧΙ
4	ΣΟΦΙΑ	ΑΛΜΠΙΑΝΗ	ΔΗΜΗΤΡΙΟΥ	H.M.M.Y.	On proving and argumentation	ΌΧΙ
5	ΔΗΜΗΤΡΑ - ΕΥΣΤΑΘΙΑ	ΑΝΔΡΙΑΝΕΣΗ	ΛΕΩΝΙΔΑ	A.T.M	Investigating an Interoperability Platform for Sustainable Land Management	ΌΧΙ
6	ΜΑΡΙΑ	ΑΝΘΗ	ΣΠΥΡΙΔΩΝΟΣ	Π.Μ	A plasticity model for 1D soil response analysis	ΌΧΙ
7	ΝΙΚΟΛΑΟΣ	ΑΡΙΓΥΡΗΣ	ΒΑΪΟΥ	H.M.M.Y.	Field-trial demonstration of an extended-reach GPON supporting 60-GHz indoor wireless access	ΌΧΙ
8	ΑΜΑΛΙΑ	ΑΡΓΥΡΙΑΗ	ΚΛΕΑΝΘΗ	Π.Μ	Higher order beam element for the local-buckling analysis of beams	ΌΧΙ

9	ΕΥΑΓΓΕΛΟΣ	ΑΥΓΕΝΑΚΗΣ	ΕΜΜΑΝΟΥΗΛ	Π.Μ	A new computational approach for the rocking response of deformable bodies considering material nonlinearity	OXI
10	ΗΛΙΑΣ	ΒΑΣΙΛΟΠΟΥΛΟΣ	ΧΡΗΣΤΟΥ	Μ.Μ	Cad-based aerodynamic optimization of a compressor stator using conventional and adjoint-driven approaches	OXI
11	ΓΕΩΡΓΙΟΣ	ΒΕΛΕΝΤΖΑΣ	ΑΝΤΩΝΙΟΥ	Η.Μ.Μ.Υ.	Bio-inspired meta-learning for active exploration during non-stationary multi-armed bandit tasks	OXI
12	ΑΓΓΕΛΙΚΗ - ΣΠΥΡΙΔΟΥΛΑ	ΒΛΑΧΟΣΤΕΡΓΙΟΥ	ΙΩΑΝΝΗ	Η.Μ.Μ.Υ.	Context Incorporation Using Context - Aware Language Features	OXI
13	ΚΛΕΙΩ	ΒΟΣΟΥ	ΓΕΩΡΓΙΟΥ	Μ.Μ	Finite Element Stress vs Calculation Method for the Construction of a Metallic Tank used for Dangerous Goods Transportation	OXI
14	ΑΔΙΚΗ	ΓΙΟΒΙΤΣΑ	ΒΙΚΕΝΤΕ	Α.Μ	Spatiotemporal Transitions - The metamorphosis of Alice	OXI
15	ΜΑΡΙΑ	ΓΚΕΛΗ	ΙΩΑΝΝΗ	Α.Τ.Μ	VGI in 3D Cadastre: A Modern Approach	OXI
16	ΑΝΘΟΥΛΑ	ΓΚΕΣΟΥΛΗ	ΒΑΣΙΛΕΙΟΥ	Π.Μ	CFD modelling of wind effect on rectangular settling tanks of water treatment plants	OXI
17	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΓΚΙΚΑΣ	ΙΩΑΝΝΗ	Μ.Μ	Challenges faced when teaching how to write a user scenario	OXI
18	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΓΚΥΡΤΗΣ	ΑΛΕΞΑΝΔΡΟΥ	Π.Μ	Structural pavement responses using nonlinear finite element analysis of unbound materials	OXI
19	ΜΑΡΙΟΣ	ΓΥΦΤΟΣ	ΠΑΝΑΓΙΩΤΗ	Η.Μ.Μ.Υ.	On Entropy-Based Detection of DDoS Attacks	OXI
20	ΣΠΥΡΙΔΩΝΑΣ	ΔΑΛΛΑΣ	ΠΑΡΑΣΚΕΥΑ	Μ.Μ	A Leg Design Method for High Quadrupedal Locomotion	OXI
21	ΜΑΡΙΟΣ	ΔΑΜΙΓΟΣ	ΓΕΩΡΓΙΟΥ	Μ.Μ	Adjoint Shape Optimisation using model Boundary Representation	OXI
22	ΣΠΥΡΙΔΩΝΑΣ	ΔΙΑΜΑΝΤΟΠΟΥΛΟΣ	ΓΕΩΡΓΙΟΥ	Π.Μ	Simple Models for the Seismic Response of Rigid or Flexible Blocks	OXI
23	ΓΕΩΡΓΙΟΣ	ΔΡΑΚΩΝΑΚΗΣ	ΙΩΑΝΝΗ	Α.Τ.Μ	The effect of underwater imagery radiometry on 3D reconstruction and orthoimagery	OXI
24	ΓΕΩΡΓΙΟΣ	ΖΕΡΒΑΚΗΣ	ΔΗΜΗΤΡΙΟΥ	Η.Μ.Μ.Υ.	AEGLE's Cloud Infrastructure for Resource Monitoring and Containerized Accelerated Analytics	OXI
25	ΖΑΧΑΡΙΑΣ	ΚΑΝΔΥΛΑΚΗΣ	ΓΕΩΡΓΙΟΥ	Α.Τ.Μ	Multimodal data fusion for effective surveillance of critical infrastructure	OXI



26	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΚΑΠΑΣΑΚΑΛΗΣ	ΑΝΑΣΤΑΣΙΟΥ	Π.Μ	Implementation of the kdamper concept to wind turbine towers	ΌΧΙ
27	ΒΑΣΩ	ΚΑΙΦΝΟΠΟΥΛΟΥ	ΚΩΝΣΤΑΝΤΙΝΟΥ	N.M.M	High - cycle fatigue analysis of a lower hopper knuckle connection of a large Bulk Carrier under dynamic loading	ΌΧΙ
28	ΕΛΛΗ	ΚΑΡΚΑΛΟΥ	ΕΛΕΥΘΕΡΙΟΥ	ΔΠΜΣ ΓΕΩΠΛΗΡ ΟΦΟΡΙΚΗ	Semi-global matching with self-adjusting penalties	ΌΧΙ
29	ΙΩΑΝΝΗΣ	ΚΑΣΣΑΝΟΣ	ΔΗΜΗΤΡΙΟΥ	M.M	Numerical investigation of draft tube pressure pulsations in a Francis turbine with splitter blades	ΌΧΙ
30	ΔΗΜΟΣ	ΚΟΝΤΟΓΕΩΡΓΟΣ	ΑΝΑΣΤΑΣΙΟΥ	X.M	Comparative investment assessment between prefabricated lightweight steel frame drywall construction insulated with VIP and massive construction with conventional materials	ΌΧΙ
31	ΓΕΩΡΓΙΑ	ΚΟΝΤΟΓΙΑΝΝΗ	ΑΝΑΣΤΑΣΙΟΥ	A.T.M	Developing a Virtual Museum for the Stoa of Attalos	ΌΧΙ
32	ΔΗΜΗΤΡΑ	ΚΟΠΙΔΟΥ	ΕΥΑΓΓΕΛΟΥ	X.M	The dynamics of the food & drink industry and their environmental and social implications in selected European countries	ΌΧΙ
33	ΣΤΥΛΙΑΝΟΣ	ΚΟΣΣΙΕΡΗΣ	ΣΩΤΗΡΙΟΥ	A.T.M	Developing a low - cost system for 3D data acquisition	ΌΧΙ
34	ΟΛΥΜΠΙΑ	ΚΟΥΡΟΥΝΙΩΤΗ	ΔΗΜΗΤΡΙΟΥ	A.T.M	Developing a low - cost system for 3D data acquisition	ΌΧΙ
35	ΝΙΚΟΛΑΟΣ	ΚΟΥΤΣΟΥΚΗΣ	ΧΡΗΣΤΟΥ	H.M.M.Y.	Optimal service restoration of power distribution networks considering voltage regulation	ΌΧΙ
36	ΑΘΑΝΑΣΙΟΣ	ΛΙΑΤΣΙΚΟΥΡΑΣ	ΓΕΩΡΓΙΟΥ	M.M	Finite Transformation Rigid Motion Mesh Morpher	ΌΧΙ
37	ΜΙΧΑΗΛ	ΜΑΚΡΟΔΗΜΗΤΡΗΣ	ΝΙΚΟΛΑΟΥ	M.M	A Novel Trajectory Planning Method for a Robotic Fish	ΌΧΙ
38	ΕΛΕΝΗ	ΜΑΝΤΟΥΚΑ	ΓΕΩΡΓΙΟΥ	Π.Μ	Methodological Issues and Concerns from Using Smartphones to Collect Driving and Mobility Data	ΌΧΙ
39	ΣΤΑΜΑΤΙΝΑ	ΜΑΡΙΝΑΤΟΥ	ΜΑΡΙΟΥ	Π.Μ	Liquefaction Induced Uplift of Pipelines: Numerical Modeling and Parametric Analyses	ΌΧΙ
40	ΖΗΣΟΣ	ΜΗΤΡΟΣ	ΒΑΣΙΛΗ	M.M	Impedance control design for on-orbit docking using an analytical and experimental approach	ΌΧΙ
41	ΕΛΕΝΗ	ΜΗΤΣΗ	ΔΗΜΗΤΡΙΟΥ	H.M.M.Y.	Induction Motor Design considerations for LNG Carrier dual fuel Electric Propulsion	ΌΧΙ
42	ΘΕΟΔΩΡΟΣ	ΜΗΤΣΙΚΑΣ	ΧΡΗΣΤΟΥ	H.M.M.Y.	From natural language to argumentation and cognitive systems	ΌΧΙ

43	ΠΕΡΡΑΚΗΣ	ΜΠΙΣΤΗΣ	ΛΕΩΝΙΔΑ	X.M	Enhanced bioethanol production from acetone/water oxidation pretreated corn stover at high-gravity	ΌΧΙ
44	ΑΛΕΞΑΝΔΡΟΣ	ΜΠΟΥΣΔΕΚΗΣ	ΔΗΜΗΤΡΙΟΥ	H.M.M.Y.	A Framework for Intergrated Proactive Maintenance Decision Making and Supplier Selection	ΌΧΙ
45	ΔΙΟΝΥΣΙΟΣ	ΝΙΚΟΛΟΠΟΥΛΟΣ	ΒΑΣΙΛΕΙΟΥ	Π.Μ	A simple model for low flow forecasting in Mediterranean streams	ΌΧΙ
46	ΑΝΑΓΓΥΡΟΣ	ΟΙΚΟΝΟΜΟΥ	ΜΙΧΑΗΛ	H.M.M.Y.	Simple Compact Monotone Tree Drawings	ΌΧΙ
47	ΦΩΤΕΙΝΗ	ΟΡΦΑΝΟΥ	ΠΕΤΡΟΥ	Π.Μ	Driver's Willingness to Use Parking Assistance Tools and their Expectations: A Case Study for the Cities of Munich and Athens	ΌΧΙ
48	ΓΕΩΡΓΙΟΣ	ΠΑΛΑΙΟΚΡΑΣΣΑΣ	ΕΥΣΤΡΑΤΙΟΥ	H.M.M.Y.	An IoT architecture for personalized recommendations over big data oriented applications	ΌΧΙ
49	ΕΥΑΓΓΕΛΙΑ	ΠΑΠΑΤΖΑΝΗ	ΑΝΤΩΝΙΟΥ	A.M	Diversity and creativity in the center of Athens: Co-existence or implicit conflicts?	ΌΧΙ
50	ΚΩΝΣΤΑΝΤΙΝΑ	ΡΙΣΒΑ	ΝΙΚΟΛΑΟΥ	Π.Μ	A simple model for low flow forecasting in Mediterranean streams	ΌΧΙ
51	ΤΡΥΦΩΝ	ΡΟΥΜΠΕΔΑΚΗΣ	ΧΑΡΑΛΑΜΠΙΟΥΣ	ΔΠΜΣ Παραγωγή και Διαχείριση Ενέργειας	Experimental Investigation and CDF Analysis of Heat Transfer in Single Phase Subcooler of a Small Scale Waste Heat Recovery ORC	ΌΧΙ
52	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΣΑΜΟΥΧΟΣ	ΔΗΜΗΤΡΙΟΥ	M.M	The Unsteady Continuous Adjoint Method Assisted by the Proper Generalized Decomposition Method	ΌΧΙ
53	ΘΕΟΔΩΡΟΣ	ΣΟΥΞΕΣ	ΠΑΝΑΓΙΩΤΗ	H.M.M.Y.	System Stability Issues Involving Distributed Sources under Adverse Network Conditions	ΌΧΙ
54	ΟΥΡΑΝΙΑ	ΣΟΥΠΛΩΝΑ	ΙΩΑΝΝΗ	E.M.Φ.Ε	Seventeen-year systematic measurements of dust aerosol optical properties using the EOLE NTUA LIDAR SYSTEM (2000-2016)	ΌΧΙ
55	ΜΥΡΤΩ	ΣΤΕΝΟΥ	ΝΙΚΟΛΑΟΥ	A.M	Littoral practices and seaside architecture around Athens	ΌΧΙ
56	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΤΟΚΑΣ	ΜΑΡΙΟΥ	H.M.M.Y.	Slotted TDMA and optically switched network for disaggregated datacenters	ΌΧΙ

57	ΠΑΝΑΓΙΩΤΗΣ	ΤΣΑΡΠΑΛΗΣ	ΑΝΑΣΤΑΣΙΟΥ	Π.Μ	Fuseis pin links: Information brochures and design of case study	ΌΧΙ
58	ΒΙΟΛΕΤΤΑ	ΤΣΙΑΜΠΑ	ΒΑΣΙΛΕΙΟΥ	Μ.Μ	Dynamic Systems in the Ocean Container Industry: Status & Perspectives	ΌΧΙ
59	ΣΤΕΦΑΝΟΣ	ΤΣΙΓΔΙΝΟΣ	ΑΝΔΡΕΑ	Α.Μ	Periurban Green Areas. Accessibility Issues. The case of Hymettus in Athens	ΌΧΙ
61	ΧΡΗΣΤΟΣ	ΤΣΩΚΟΣ	ΒΑΣΙΛΕΙΟΥ	Η.Μ.Μ.Υ.	Enabling photonic integration technology for microwave photonics in 5G systems	ΌΧΙ
62	ΓΕΩΡΓΙΟΣ	ΦΛΩΡΟΣ	ΣΠΥΡΙΔΩΝΟΣ	Α.Τ.Μ	Investigation Integration Capabilities between IFC CITYGML LOD3 for 3D city modelling	ΌΧΙ
63	ΒΑΣΙΛΙΚΗ	ΧΑΡΑΛΑΜΠΙΔΟΥ	ΙΩΑΝΝΗ	ΔΠΜΣ Αρχιτεκτονική - Σχεδιασμός χώρου	Evaluation of the institutional framework and policies of spatial planning in Greece	ΌΧΙ

ΜΕ ΕΝΤΟΛΗ ΤΟΥ ΠΡΥΤΑΝΗ  
Ο ΠΡΟΪΣΤΑΜΕΝΟΣ ΤΗΣ  
Δ/ΝΣΗΣ ΜΕΡΙΜΝΑΣ

ΦΡ. ΒΟΡΤΣΑΙΝΟΣ

