



ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ, ΕΡΕΥΝΑΣ & ΘΡΗΣΚΕΥΜΑΤΩΝ
ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ & ΤΕΧΝΟΛΟΓΙΑΣ
ΔΙΕΥΘΥΝΣΗ ΥΠΟΣΤΗΡΙΞΗΣ ΔΡΑΣΕΩΝ ΕΡΕΥΝΑΣ & ΚΑΙΝΟΤΟΜΙΑΣ
ΤΜΗΜΑ ΑΝΑΠΤΥΞΗΣ ΕΡΕΥΝΗΤΙΚΟΥ ΔΥΝΑΜΙΚΟΥ
 Μεσογείων 14-18, 115 27 Αθήνα

Αθήνα, 25.1.2018
 Αρ. πρωτ.: 13182/12

ΘΕΜΑ: Έγκριση Προσωρινών Πινάκων Κατάταξης για τις Επιστημονικές Περιοχές Έρευνας «Α.Φυσικές Επιστήμες», «Γ. Επιστήμες Ζωής (Ιατρικής και Επιστημών Υγείας)», «Δ. Γεωπονικές Επιστήμες», «Ε. Μαθηματικά και Επιστήμες της Πληροφορίας», «ΣΤ. Κοινωνικές Επιστήμες», «Ζ.Ανθρωπιστικές Επιστήμες (και Τέχνες)», «Η. Περιβάλλον και Ενέργεια», στο πλαίσιο της 1ης Προκήρυξης ερευνητικών έργων ΕΛΙΔΕΚ για την ενίσχυση Μεταδιδακτόρων Ερευνητών/τριών.

Έχοντας υπόψη:

1. το άρθρο 90 του «Κώδικα Νομοθεσίας για την Κυβέρνηση και τα Κυβερνητικά Όργανα» όπως κωδικοποιήθηκε με το αρ.1 του Π.Δ. 63/2005 (ΦΕΚ Α' 98) «Κωδικοποίηση της νομοθεσίας για την Κυβέρνηση και τα κυβερνητικά όργανα»
2. το άρθρο 47 του Ν. 4415/2016 (ΦΕΚ Α' 159) «Ρυθμίσεις για την ελληνόγλωσση εκπαίδευση, τη διαπολιτισμική εκπαίδευση και άλλες διατάξεις»
3. το Ν. 4429/21.10.2016 (ΦΕΚ Α' 199) «Ελληνικό Ίδρυμα Έρευνας και Καινοτομίας και άλλες διατάξεις», όπως τροποποιήθηκε και ισχύει
4. το Ν. 4310/2014 (ΦΕΚ Α' 258) όπως τροποποιήθηκε και ισχύει
5. το Π.Δ. 114/2014 (ΦΕΚ Α' 181) «Οργανισμός Υπουργείου Παιδείας και Θρησκευμάτων»
6. το Π.Δ. 70/2015 (ΦΕΚ Α' 114) «Ανασύσταση των Υπουργείων Πολιτισμού και Αθλητισμού, Υποδομών, Μεταφορών και Δικτύων, Αγροτικής Ανάπτυξης και Τροφίμων. Ανασύσταση του Υπουργείου Ναυτιλίας και Αιγαίου και μετονομασία του σε Υπουργείο Ναυτιλίας και Νησιωτικής Πολιτικής. Μετονομασία του Υπουργείου Πολιτισμού, Παιδείας και Θρησκευμάτων σε Υπουργείο Παιδείας, Έρευνας και Θρησκευμάτων, του Υπουργείου Οικονομίας, Υποδομών, Ναυτιλίας και Τουρισμού σε Υπουργείο Οικονομίας, Ανάπτυξης και Τουρισμού και του Υπουργείου Παραγωγικής Ανασυγκρότησης, Περιβάλλοντος και Ενέργειας σε Υπουργείο Περιβάλλοντος και Ενέργειας. Μεταφορά Γενικής Γραμματείας Βιομηχανίας στο Υπουργείο Οικονομίας, Ανάπτυξης και Τουρισμού»
7. το Π.Δ. 73/2015 (ΦΕΚ Α' 116) «Διορισμός Αντιπροέδρου της Κυβέρνησης, Υπουργών, Αναπληρωτών Υπουργών και Υφυπουργών»
8. τη με αριθμ. 136/20.3.2015 (ΦΕΚ Β' 389) Απόφαση του Πρωθυπουργού «Σύσταση θέσεων Αναπληρωτών Υπουργών»
9. τη με αριθμ. 8/25.9.2015 (ΦΕΚ Β' 2109) Απόφαση του Πρωθυπουργού «Ανάθεση αρμοδιοτήτων στον Αναπληρωτή Υπουργό Παιδείας, Έρευνας και Θρησκευμάτων Κωνσταντίνο Φωτάκη»

10. τη με αρ. πρωτ. 221711/Γ2 (ΦΕΚ 731/Υ.Ο.Δ.Δ./30.12.2016) Κοινή Απόφαση του Πρωθυπουργού και του Υπουργού Παιδείας, Έρευνας και Θρησκευμάτων με την οποία διορίζεται ως Γενική Γραμματέας Έρευνας και Τεχνολογίας του Υπουργείου Παιδείας, Έρευνας και Θρησκευμάτων η Ματρώνα Κυπριανίδου
11. τη με αρ. 196096/12/28.11.2016 (ΦΕΚ Β' 3815) Υπουργική Απόφαση με θέμα «Κατανομή χρηματοδότησης Ελληνικού Ιδρύματος Έρευνας και Καινοτομίας»
12. τη με αριθμό 245/23.3.2017 (ΦΕΚ Β' 1066) Υπουργική Απόφαση με θέμα «Ετήσιος προγραμματισμός των δράσεων και κατανομή των πόρων του Ελληνικού Ιδρύματος Έρευνας και Καινοτομίας (ΕΛΙΔΕΚ), για το έτος 2017»
13. τη με αρ. πρωτ. 3094/12/9.1.2017 1η Προκήρυξη ερευνητικών έργων ΕΛΙΔΕΚ για την ενίσχυση Μεταδιδασκτόρων Ερευνητών/τριών
14. Τον με αρ. πρωτ. 100804/12/15.6.2017 Οδηγό Εφαρμογής της 1ης Προκήρυξης ερευνητικών έργων ΕΛΙΔΕΚ για την ενίσχυση Μεταδιδασκτόρων Ερευνητών/τριών
15. Το με αρ. πρωτ. 111/ΙΒ2/24.1.2018 Υπηρεσιακό Σημείωμα για την έγκριση των Πρακτικών των Θεματικών Επιτροπών Αξιολόγησης για τις Επιστημονικές Περιοχές Έρευνας "Α. Φυσικές Επιστήμες", "Γ. Επιστήμες Ζωής (Ιατρικής και Επιστημών Υγείας)", "Δ. Γεωπονικές Επιστήμες", "Ε.Μαθηματικά & Επιστήμες της Πληροφορίας", "ΣΤ.Κοινωνικές Επιστήμες", "Ζ. Ανθρωπιστικές Επιστήμες (και Τέχνες)" και "Η. Περιβάλλον και Ενέργεια"
16. Το γεγονός ότι δεν έχει ολοκληρωθεί το έργο της Θεματικής Επιτροπής Αξιολόγησης για την Επιστημονική Περιοχή Έρευνας «Β. Επιστήμες Μηχανικού και Τεχνολογικές Επιστήμες»

Αποφασίζουμε

1. Την έγκριση των Προσωρινών Πινάκων Κατάταξης προτάσεων ανά Επιστημονική Περιοχή Έρευνας όπως καταγράφονται στα πρακτικά των Θεματικών Επιτροπών Αξιολόγησης, για τις παρακάτω Επιστημονικές Περιοχές Έρευνας:
 - Α. Φυσικές Επιστήμες**
 - Γ. Επιστήμες Ζωής (Ιατρικής και Επιστημών Υγείας)**
 - Δ. Γεωπονικές Επιστήμες**
 - Ε. Μαθηματικά και Επιστήμες της Πληροφορίας**
 - ΣΤ. Κοινωνικές Επιστήμες**
 - Ζ. Ανθρωπιστικές Επιστήμες (και Τέχνες)**
 - Η. Περιβάλλον και Ενέργεια**
2. Στο **Παράρτημα** της παρούσας απόφασης παρουσιάζονται οι Προσωρινοί Πίνακες Κατάταξης των προτάσεων σε φθίνουσα βαθμολογική σειρά, ανά Επιστημονική Περιοχή Έρευνας (Πίνακες Α.1, Γ.1, Δ.1, Ε.1, ΣΤ.1, Ζ.1 και Η.1).
 Η κατανομή των Προτάσεων στις Επιστημονικές Περιοχές έρευνας έχει βασιστεί στη σχετική δήλωση του/της ΜΕ κατά την υποβολή της Πρότασης, όπως αυτή τυχόν αναθεωρήθηκε κατά τη διαδικασία της αξιολόγησης στις περιπτώσεις που διαπιστώθηκε ότι το αντικείμενο της πρότασης εμπίπτει σε διαφορετική Επιστημονική περιοχή από την αρχικά δηλωθείσα.
 Επιπλέον παρουσιάζονται ανά Επιστημονική Περιοχή Έρευνας (Πίνακες Α.2, Γ.2, Δ.2, Ε.2, ΣΤ.2, Ζ.2 και Η.2) οι προτάσεις που δεν προκρίθηκαν στη Β' φάση αξιολόγησης.
3. Οι Προσωρινοί Πίνακες Κατάταξης των προτάσεων ανά Επιστημονική Περιοχή Έρευνας θα αναρτηθούν στις ιστοσελίδες www.gsrt.gr και www.elidek.gr

4. Στους υποψήφιους ΜΕ θα αποσταλεί η εξατομικευμένη αναφορά αξιολόγησης της πρότασης σύμφωνα με τα οριζόμενα στην προκήρυξη της δράσης. Ο/Η ΜΕ έχει δικαίωμα υποβολής τεκμηριωμένης ένστασης επί των αποτελεσμάτων αξιολόγησης, εντός προθεσμίας 10 εργάσιμων ημερών από την κοινοποίηση της εξατομικευμένης αναφοράς.

Μετά την ολοκλήρωση εξέτασης των ενστάσεων θα εκδοθούν οι Οριστικοί Πίνακες Κατάταξης, οι οποίοι θα δημοσιευτούν στις ιστοσελίδες της ΓΓΕΤ και του ΕΛΙΔΕΚ.

**Η ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΑΣ
ΕΡΕΥΝΑΣ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑΣ**

Δρ. Μ. Κυπριανίδου

ΠΑΡΑΡΤΗΜΑ

Α. ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ «Φυσικές Επιστήμες»

Σύμφωνα με τον παρακάτω Προσωρινό Πίνακα Κατάταξης και λαμβάνοντας υπόψη το διαθέσιμο προϋπολογισμό της δράσης και τον προτεινόμενο προϋπολογισμό ανά πρόταση, προβλέπεται να χρηματοδοτηθούν **έως 24 προτάσεις**.

Επισημαίνεται ότι με βάση τον Οδηγό Εφαρμογής της δράσης, προτάσεις που έχουν λάβει συνολική βαθμολογία μικρότερη των 60 μονάδων αποκλείονται από τη χρηματοδότηση.

Α1. ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Α. Φυσικές Επιστήμες ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1882	Do massive winds induced by black-hole jets alter galaxy evolution? Evidence from galaxies in the ALMA Radio-source Catalog	98
234	Non-perturbative Gauge Dynamics from Integrability and Gauge/Gravity Dualities	96
1819	Quantum self-organized criticality and nonequilibrium light localization	95
1810	STING: Studying Transients In the Nuclei of Galaxies	94
2344	Quark-Gluon Plasma Thermalization and Plasma Instabilities in AdS/CFT	93
1789	Chirality Amplification and Detection using Cavity Optical Rotation Enhancement	92
2595	Holographic Applications of Quantum Entanglement	91
1317	Detection of engineered, incidental, and natural nanoparticles in marine waters, in the proximity of islands	90
645	Generation and applications of intense circularly-polarized extreme ultraviolet radiation	89,5
1236	Computer-Aided Design of Functional Nanomaterials for Adsorption and Catalysis	89
146	Urban Biometeorology and Planning: an integration of field surveys and weather station data for the assessment of thermal perception and related health effects towards sustainable living environments	88,5
2145	Global climate and sea-level changes across the Latest Eocene-Early Oligocene, as reflected in the sedimentary record of Pindos foreland and Thrace basin, Greece	88
1429	String theory meets Experiments	87,5
651	Development of an integrated 5 Dimensional space based methodology for Assessing and modeling the Response of Erosion dynamics to land use and climatic changes in Mediterranean watersheds	87
1104	Mesoscopic simulations and tube theory of associating polymer chains	87
1536	Designing pillared graphene nanomaterials with tunable electronic properties and enhanced flexibility for electronic devices	86,5
2247	Neuromorphic Processor Based on Quantum-Dot Lasers	86
508	Development of Bio-Inspired Photocatalytic Systems for H ₂ Production and CO ₂ Reduction	85,5

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Α. Φυσικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1468	?2-D semiconductors coupled with plasmonics as advanced photocatalysts and light emitters? -?Δυσδιάστατοι ημιαγωγοί με πλασμονικά νανούλικά ως φωτοκαταλύτες και φθορίζοντα υποστρώματα?	85
2530	Magnetostructural transitions and magnetocaloric effect in metamagnetic Heusler alloys	85
203	SQUID metamaterials: chimera states and spatio-temporal dynamics	84,5
1136	Synthetic and Biological Studies of the Antibacterial Antitumour Natural Product Oleamycin A and Structural Analogues	84,5
435	2D crystalline thin films with non-trivial topology	84
871	Theoretical Understanding of static and dynamic properties of SKYrmions: towards a skyrmion-based technology	84
239	Sponges in integrated aquaculture systems: Towards the delivery of better seawater quality and marine products of high added-value	83,5
776	Photochemistry in Dark: harvesting light produced by chemically triggered Luminescence towards chemical catalysis	83,5
1265	Dynamic adaptive microscopy for label-free multi-parametric imaging in biology and medicine	83
24	Design and synthesis of some novel photonic materials. A Proof-of-Concept Study	82,5
809	Quantum Optimal Operations: human vs computer	82,5
2447	Magnetic Nanostructured Alloys towards New Era Permanent Magnets	82,5
2567	Development of New Drugs to Combat Resistant to Amantadine Drug Influenza Viruses	82
324	Groundwater depletion in Greece. Are Eco-friendly Energy recharge Dams a solution?	81,5
1113	An integrated sustainable approach on pharmaceutical compounds: From biosynthesis to nanostructured delivery systems	81,5
184	Analysing in-depth the CO2 pump of the Eastern Mediterranean Sea	81
1669	Metamaterials for Terahertz Sources	81
164	Flame-Spray Pyrolysis of hybrid NANO structures for catalytic applications	80,5
2088	Advanced Organic Materials for Bioelectronic Applications	80,5
2230	Construction of Consistent Extended Theories of Gravity and their Cosmological Confrontation	80
179	Quantum COnTrol Methods for Emerging Technologies	79,5
512	Solid Polymer Electrolytes	79,5
816	Unveiling the Birth of Massive Galaxies: connecting morphology, merger history, and the central super-massive black hole	79,5
1155	Extensive Polarimetric Optical Quasar Survey	79,5
1382	Exploitation of the chemical weaponry of HELlenic DEmosponges and their symbiotic MIcroorganisms for Fighting CANCER	79,5
681	Coastal Natural and Cultural Heritage Resilience as driver for sustainable growth	79
1143	COMparative Chromatography BIO-Guided Isolation: A novel drug discovery protocol incorporating the antique empirical knowledge	79
1840	Hypoxia Origins in Amvrakikos, Socioeconomic impacts, Management Options Sustainability and Environmental consequences. An integrated Study	79

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Α. Φυσικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1879	Marine Debris and FISH in the Hellenic Seas: an integrated modeling-field study	79
2302	Computational design of biomimetic optical sensors for biomarkers	79
18	Multifunctional smart cement-based bionanocomposites with self-sensing properties for structural health monitoring and air pollutants encapsulation	78
59	ISIAS Integrated Seismic Imaging of the Activity and deep Structure of the southwestern offshore part of the Hellenic subduction	78
82	Title of Proposal: A combined Theoretical and Experimental study of the electric properties of dicyanated and teTRacyanated benzothiadiazoleS.	78
386	Galactic Supernova Remnants: Exploring an unexploited treasure	78
608	In vitro investigation of oral and lung bioaccessibility of potential toxic constituents from outdoor and indoor dusts	78
1843	Quantum transport and entanglement in topological phases of matter	78
2353	Towards the rational design of electrolytes for energy storage applications using molecular modeling techniques	78
791	Finding exoplanets hidden in stellar noise	77
135	Laser accelerated secondary sources for medical therapy	76
753	Toxic divalent cation adsorbents: From atomic manipulation to implementation in drinking water technology	76
853	Tuning the physicochemical properties of Transition Metal Dichalcogenides by controlled defects creation	76
1800	The mechanisms of fluid-induced seismicity: From laboratory experiments to field observations and numerical modelling	76
16	Transport Coefficients and Quantum Chaos	75
91	Nanostructured materials: A novel approach for the development of antifouling water filtration porous membranes	75
738	Global simulations in General Relativity	75
923	Studying the nearby population of massive B[e] Supergiants	75
933	Induce Nuclear Spin Polarization with Infrared Radiation	75
1730	Proxy SU(3) symmetry in heavy nuclei	75
1783	MOBILE GEO-ASSISTANT AS A PILOT DIGITAL TOOL ELEMENT FOR THE FIELD SURVEY AND EARTH SCIENCE EDUCATION	75
1962	Towards Ultrafast Coherent XUV Material Diagnostics	75
2222	Cosmology and Topology	75
2429	Research on Anoxia in various Marine ENvironments of the Eastern Mediterranean	75
1565	Highly and atomically dispersed electrocatalysts for energy applications	74
1588	Development of a protocol for accurate environmental radioactivity measurements of sea water in Greece	74
1643	Advanced Materials for PHOTOvoltaic - Thermoelectric hybrid systems	74
1645	JETs as a tool for search for NEW Physics with the CMS experiment AT the LHC.	74
2113	Development of novel and sustainable bioprocesses for the production of high added value foods and food additives	73
468	Carbon Nanotube in Nano-filtration: A 2D Nuclear Magnetic Resonance study	72

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Α. Φυσικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1359	Study Of the Fission process In the Actinide region	72
2196	Μη Παραξονικά Αυτοεπιταχυνόμενα Κυμάτια και Εφαρμογές	72
423	Statistical Physics Approaches to Seismology and Study of Accelerating Seismic Phenomena	71
1109	REgional Assessment of Landslide Hazard	71
2412	Glutathione transferases as glucocorticoid biosensors	71
20	Gravitational Waves: A new window to the Universe in the new millennium	70
200	Inorganic-Organic Polymeric Composites bearing Spatially Controlled Crystalline Perovskite Domains.	70
1038	Corinth Rift Seismicity Monitoring	70
2323	Novel quinazolinone-2-carboxylate derivatives and their transition metal complexes: Synthesis, structure and biological activity	70
484	Shallow-water hydrothermal system of Methana peninsula	69
767	Novel methodologies for establishing industrial hemp (<i>Cannabis sativa</i> L.) production in Greece: Cultivation practices, phytochemical analysis and utilization of cannabinoids	68
2536	Exoplanet Orbital Analysis	68
13	Carbon Sinks Investigation in the eastern Mediterranean Sea: Implications of physical dynamics and biogeochemical processes on seasonal to interannual variability	67
147	Applied Photonic Self-Assembled Hybrid Nano-Architectures	67
1762	Integrated Coastal Monitoring and Erosion Risk Management System	67
2563	Evolution of the Aegean upper Mantle from a petrological prospective	67
2328	Quantum Matter and Entanglement Patterns	65
2438	Generation of Novel Hybrid Materials based on Zeolitic Imidazolate Frameworks and Graphene Oxide for Water Desalination	65
2059	Order and Chaos in Complex Physical and Astrophysical Systems	64
891	Vector Boson Scattering in ATLAS and New Physics searches with Artificial Intelligence	63
1064	High-Resolution Paleoenvironmental and Paleoclimatic Data for Modeling Future Sea Level Changes	63
1626	Palaeo-Tsunamis in the Aegean: filling gaps in the stratigraphic record	62
815	Modeling Earthquake-Induced Landslide and Liquefaction Phenomena in near real-time using Web Services	61
876	Using a new mathematical -fuzzy systems theory- to investigate geological phenomena.	61
1119	Multiparametric Monitoring of the Hellenic Volcanic Arc	61
1132	Cosmic-ray monitoring of deep-seated landslides: assessing landslide hazard in precariously urbanized cliffs of the Santorini caldera using cosmic-muon telescopes	61
1955	Seismic and fault hazard at oil production sites using advanced seismological methodologies to prevent pollution risk: a case study for the Southern Ionian Sea	61
2562	METAMATERIALS WITH GAIN/LOSS COMPONENTS FOR THE MANIPULATION AND REDIRECTION OF ELASTIC WAVES	61

Α2. ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Α. Φυσικές Επιστήμες ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
Αριθμός Πρότασης	Τίτλος
3	Magnetic Helicity and Eruptive Capability of solar active regions
7	Duckweeds: a novel source for the production of protein-rich feed and biofuels utilizing agro-food wastes and wastewater
39	Current Velocity Measurements from Underwater Gliders
41	Photoactive nanomedicinal formulations for pancreatic cancer
48	MULTICOMPONENT CATALYSTS FOR WATER ELECTROLYZERS AND PHOTOELECTROLYZERS
53	Metal oxide THERMOelectric thin FILM devices for energy harvesting and cooling applications
55	Visible light induced sustainable synthesis of high value chemicals
69	Development of novel Palladium and Zinc complexes, investigation of their biological and catalytic properties and structure-activity relationship
75	Materials Under Extreme Conditions
83	DEVELOPMENT OF EQUIPMENT-FREE LOW COST MICROASSAYS AND POINT-OF-NEED ANALYTICAL DEVICES USING BROADLY AVAILABLE CONSUMER ELECTRONICS
86	Predicting radiotherapy outcomes through Monte Carlo simulations and complex DNA damage measurements
152	Environmental Coastal Monitoring Ontology System
157	DEtection of drugs and infant food STerilized with Ionizing RAdiation using thermoluminescence and/or optically stimulated Luminescence
191	Bioconversion of food wastes to bioplastics for food packaging applications in the concept of circular economy
194	Probing the energy output of galaxies in the local Universe
229	Metal-oxide/graphene based composite materials with antibacterial action
244	Development of high resolution analysis strategies for the determination of pharmaceuticals and their metabolites in human biological samples and their potential occurrence in wastewaters and surface waters
258	Durable, Acid-Resistant Condenser for energy recovery from industrial flue gases
331	Novel Graphene/Zeolite hybrid de-emulsification and adsorption materials in the petroleum industry
341	From Pangaeon to Laurion. An interdisciplinary research into ore deposits, mining activity and coin production in the 6th and 5th centuries BC.
358	VitruaL PIAsonic Nano-Tweezers based on Mobile Devices for Point-of-Care Applications
376	Elastic scattering, breakup and clustering modes $9\text{Be} + p$ at near barrier energies
384	Synthesis of Chiral Complex Macromolecular Architectures ? Polymer Immobilization ? Application in Chiral Chromatographic Separation of Organic Molecules and Polymers
387	Environmentally Friendly, Low Cost Aqueous Rechargeable Lithium Ion Battery
451	Bioabsorption thermodynamics through exploration of Mucin function and interactions
459	AGN/galaxy co-evolution in the era of precision X-ray clustering.
478	Rebooting the Mediterranean fish fauna: a paleontological perspective

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485	Phosphorus and nitrogen Recovery from Eutrophic aquatic ecosystems and agroindustrial wastewaters using INorganic adsorbents
487	Modeling of Organic Electronics Materials. Molecular modeling and computational study of structure, stability, electronic, magnetic and spectroscopic properties of novel fused heterocyclic π-conjugated molecular systems as candidate materials in organic light emitting diodes (OLEDs), field-effect transistors (OFETs) and anion receptors
488	Portable Organohalide Sensor
489	Fabrication, characterization, and functionality of biopolymer-based micro- and nano-assemblies as delivery systems of food bioactives
499	Synergistic impacts of urban morphology, anthropogenic forcing and aerosol feedback mechanisms on air quality and human health in a Mediterranean city: Observations and modeling for the case of Athens, Greece
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599	Design and implementation of a dosimetric system for spacecraft personnel dosimetry
621	Co-sensitization of Dye Sensitized and Perovskite Solar Cells
647	Hybrid X-ray and Optical Projection Tomography method and system
652	Local Symmetry Technology: Developing a pioneering technological platform for optimal design and control of waves
675	Monitoring and projection of the wave dissipation and beach response due to hard coastal defences and seagrass meadows
703	Development of new technological approaches to the exploitation of industrial waste for the isolation of bioactive compounds
723	Rational Design and Synthesis of Metal Organic Frameworks as Single Site Heterogeneous Catalysts
741	Design and Synthesis of near-IR absorbing push-pull compounds for organic photovoltaic cells
752	Photocatalytic detoxification of anti-neoplastic drugs with simultaneous synthesis of noble metal-modified catalysts: Application in energy production and photocatalytic purification of wastewater.
763	Sustainable Methods for the Conservation of Contemporary Art
785	Exploiting Galaxies with Gaia
803	Integration of Fault and Earthquake parameters into Probabilistic Seismic Hazard Assessment, application in central Greece
818	Detection, fate and remediation of arsenic in the soil-plant-water system of the Neogene basin in N. Attica.
830	Growth and structural properties in III-V low-dimensional semiconductor heterostructures and nanostructures for innovative electronic and photonic applications
857	Humic substances from Greek peat and lignite: their significance in domestic added value products

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888	Preparation and study of innovative drug delivery carriers targeting at improved pharmacological properties of antihypertensive angiotensin II receptor blockers
901	Star-Shaped Copolymers as Novel Building Blocks for the Realization of Lithium-metal Batteries
950	Theory of nonlinear optical response in 2D layered materials
970	Blue strategy for the exploitation of marine Sands
999	Unraveling the history of storminess and dust transport in the Aegean Sea since the mid Holocene: links with local and regional climate.
1029	Nd:YAG PicoSecond Amplifier based on Multisegmented crystal technologies for novel laser applications
1070	Towards mitigation of seismic risk in touristic areas by integrating structural, social and business vulnerability. case study in Lefkada Island
1075	PEROVSKITIC-type Symmetrical ELECTRODES for Reversible Solid Oxide Cells
1116	Testing general relativity and modified gravity models in the context of the latest data
1164	Astroparticle Physics & BSM Cosmology: From the Electroweak to the GUT Scale
1193	Tailored intense THz sources from exotic laser wave packets
1198	Novel gaseous detector microstructures using nanotechnology and graphene and resistive Micromegas for basic research and applications
1261	Application for developing seismic intensity maps and mapping spatio-temporal information related to emergency management from flood and fire events through social media sources in real time
1267	Investigation of Strong Metal-Support Interactions (SMSI) in oxide supported IrO ₂ electrocatalysts for the oxygen evolution Reaction (OER)
1306	Creating a National Karst Map and Geodatabase of Greece: Natural Resource Identification, Land Use, and Conservation
1322	Lasers for the Benefit of Two Cultures
1323	Modern strategies for PHOTOTHERMAL and ionizing RADIATION synergetic therapy based on gold NANOPARTICLES-mediated radiosensitization.
1354	Safe Use in food Packaging of paper and plastic RECYCLED MATERIALS
1360	Mesoscopic Architectures of Metal Chalcogenide Nanocrystals for Solar Fuel Production
1371	Advance detector development for astroparticle and astro-nuclear reactions: Experimental, phenomenological and theoretical investigation of neutrino, dark matter and solar-flare neutron physics issues and their impact to space sciences and astrophysics
1372	Printable Low Cost Oxides for Energy and Electronic Applications
1374	DEEPSPECTRA-GA: A Deep Learning Spectra Analyzing GA Environment in Computational Astrophysics
1427	Methodology for the determination of river processes modulated under the hydromorphological pressures for a successful restoration

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1440	Development of a novel diagnostic tool for early detection of lung cancer in Greek population
1476	Biocompatible Dual Responsive Polymeric Nanocarriers for Anticancer Drug Delivery Applications & Evaluation-Study of Passive and Active Targeting
1485	Beyond the Standard Model and Dark Matter Phenomenology under the light of LHC
1492	Beyond the Standard Model Effective Theories in the LHC era
1495	PASSivation methods ON Ge ? based MOS structures
1513	Synthesis of novel NIR-fluorescent dyes and their potential applications as bioprobes
1534	SEISMIC ARRAY METHODOLOGY BASED ON BLIND BEAMFORMING
1538	Galaxy Evolution: Insights from Nearby Groups
1543	Search for beyond the Standard Model physics in the boundaries of Supersymmetry and Dark Matter
1585	Non-Hermitian Photonic Design
1606	Inter-scale canonical formulation of wave-particle interaction in magnetized plasmas
1607	Toxic and bioactive cyanobacteria metabolites: Reactive Oxygen Species (ROS) - driven transformation processes
1632	Hybrid multicomponent scaffolds with drug-loaded Sr/Cu-doped mesoporous nanocarriers, towards combined angiogenesis and osteogenesis for the treatment of osteoporotic bone defects in-vivo
1639	Femtosecond laser ablation for 3D data storage in Graphene
1640	Underwater NOise Monitoring and Assessment in Greek waters
1675	Novel semiconductors consisting of earth-abundant elements for new generation environmental-friendly solid-state lighting and photovoltaic applications
1714	Advanced Materials for Spintronics
1748	Physical conditions and processes in AGN jets through densely sampled linear and circular radio polarization data trains
1766	Singularities and asymptotics in Theoretical cosmology
1776	Integration of III-Nitride and Carbon material systems
1780	Universal organic-inorganic templates based on dye-functionalized layered MoS ₂ sheets as highly efficient low-cost photoelectrocatalysts for sustainable energy production and storage
1781	Exploitation of the Valley Hall Effect in Graphene Field Effect Transistor
1782	Low Dimensional Perovskite Light Emitting Diodes
1790	Laser Assisted Development of Novel Perovskite Materials for Advanced Photovoltaic and Smart-Window Applications
1791	Development of Nanosensors based on Graphene for the Rapid detection of Food Toxicants and Environmental Pollutants
1857	Design and Development of a sensors array (electronic nose) for quantitative determination of aromatic hydrocarbons
1858	Advanced NAnofluidic MEmbranes for Molecular Separation
1860	Application of automated clustering methods to study stellar structures in nearby galaxies.

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1863	Advanced Self-Assembled Polysaccharide/Protein Food Biomaterials with Controlled Hierarchical Nanostructure
1946	Small molecules targeting lipid signaling as novel agents for the treatment of inflammatory diseases and diabetes
1960	Higgs Boson Physics in ATLAS, detector operation and detector upgrade
1963	Synthesis, detection and application of novel dyes in textile dyeing and in developing innovative electrochemical and DNA electrochemical sensors
1967	Ion Beams for Environment and Archeology
1978	Guided Atom Interferometer Novel Gyroscope
1995	Asymptotic symmetries in General Relativity and Geometry: BMS IRs and gravitational instantons
2006	STABLE ISOTOPE, LOW-IMPACT METHODOLOGIES, FOR DAMAGE DIAGNOSIS AND ORIGIN IDENTIFICATION IN CULTURAL HERITAGE MATERIALS
2039	ENVIRONMENTS OF AGN AROUND CLUSTER OF GALAXIES
2062	A novel method for dynamically modelling multi-band radiation and neutrino signals from galactic black hole microquasars.
2112	Use of Liquid Crystals (LCs) for single DNA molecule detection by dielectric spectroscopy
2163	Photoelectronic Memories with functional nanohybrids
2197	Hybrid Perovskite ? Organic Solution-Processed Tandem Cells
2237	Highly oriented Organic semiconductor layer growth on Graphene for Electronic Devices
2252	ΥΔΡΟΔΥΝΑΜΙΚΟ ΟΡΙΟ ΓΙΑ ΣΥΜΠΥΚΝΟΥΜΕΝΑ ΣΥΣΤΗΜΑΤΑ ΑΛΛΕΛΕΠΙΔΡΩΝΤΩΝ ΣΩΜΑΤΙΔΙΩΝ
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2305	Fighting antibacterial resistance by novel chloramphenicol derivatives
2317	A novel class of C-8 modified Adenine nucleosides: Design, synthesis and biological evaluation
2349	Design and multicomponent synthesis of new pyrrolinone derivatives with inhibitory activity against HIV integrase.
2370	Potential toxic elements bioaccumulation in Greek Olive fruits (<i>Olea europaea</i> L.) and olive products - A valuable nutrient source of prime economic importance: Application of cutting-edge technologies on the determination of the toxic Cr(VI).
2385	Skutterudites and Magnesium Silicides: Nanostructuring towards Better Thermoelectrics
2394	Fractional order Neuromorphic Models on Silicon
2460	Theoretical Aspects and Cosmological Implications of Tensor Gauge Field Theory
2462	Hybrid Silica Optical Fibers and Devices with Tunable Properties
2479	Charge transfer in periodic, aperiodic and natural DNA segments
2481	Geoheritage of Olympus Mtn., Northern Greece. A geomorphological study towards the protection and promotion of Greek Geological Sites
2508	High Resolution Active Fault Analysis
2546	Silicene and 2D Layered Nanostructures

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Αριθμός Πρότασης	Τίτλος
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2601	Design and fabrication of next generation antibacterial surfaces
2607	Novel equilibria for plasmas in symmetric and asymmetric configurations
2647	Sustainable production of fuels and chemicals from non-edible plants via advanced bio- and chemo-catalytic processes
2658	Quantum Mechanical Simulation of III-V Nanowire Field Effect Transistors
2661	Ambient ground noise recordings as a reservoir exploitation tool. A pilot survey of spectral attributes of water reservoirs on Crete (Greece) and at an oil reservoir in Val' d Agri Basilicata (Italy).
2701	Symmetries and Braneworlds Cosmologies

Γ. ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ «Επιστήμες Ζωής (Ιατρικής και Επιστημών Υγείας)»

Σύμφωνα με τον παρακάτω Προσωρινό Πίνακα Κατάταξης και λαμβάνοντας υπόψη το διαθέσιμο προϋπολογισμό της δράσης και τον προτεινόμενο προϋπολογισμό ανά πρόταση, προβλέπεται να χρηματοδοτηθούν **έως 43 προτάσεις**.

Επισημαίνεται ότι με βάση τον Οδηγό Εφαρμογής της δράσης, προτάσεις που έχουν λάβει συνολική βαθμολογία μικρότερη των 60 μονάδων αποκλείονται από τη χρηματοδότηση.

Γ1. ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ

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2513	MUSCLE ATTRIBUTES FOR BALANCE AND COORDINATION DURING ONE-LEG STANCE	60
2584	Regulation of synaptic function by interplay of BDNF, pro-BDNF and autophagy	60
2590	TIME RESOLVED, ON-LINE TREATMENT VERIFICATION IN BRACHYTHERAPY, BASED ON FLAT PANEL DETECTOR IMAGING AND COMPUTER VISION METHODS	60

Γ2. ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Γ. Επιστήμες Ζωής (Ιατρικής και Επιστημών Υγείας)
ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ

Αριθμός Πρότασης	Τίτλος
11	Inflammatory aspects of sepsis in ICU patients: monitoring over different time frames
45	Global analysis of the anti-inflammatory effects of high density lipoproteins in mouse models of insulin resistance
60	Modified non-steroidal and steroidal anti-inflammatory drugs with metal ions targeted against breast cancer.
90	Managing Acute Coronary Syndromes: Development of innovative antiplatelet ?combo-agents?
92	The effect of androgen receptor polymorphism on endometrial function
101	Systems biology and high throughput proteomics approaches to improve insights in pathophysiology and mitochondrial dysfunction of early heart failure
110	Exploring the Languages of Parasite Communication: Characterization of Neglected Infectious Diseases Exosomes utilizing Multi-Omics Techniques
116	Pinus extracts in skin photoaging and cancer prevention ? Development of new topical products and food supplements
119	The Role of CIN85 in the Development of Type 2 Diabetes Mellitus
123	Evaluation and Development of a flavonoid Skin Lotion for Atopic Dermatitis
128	Tumor targeting via sialic acid: PhenylBoronic Acid (PBA) derivatives as new tools for in vivo molecular imaging and therapy of cancer.
130	Delineating the arrhythmogenic mechanisms associated with the human phospholamban R14del mutation and development of new therapeutic strategies for cardiac arrhythmias
158	Targeting chemoresistance-related metastasis in lung cancer patients. Role of Myeloid derived suppressor cells (MDSCs) in tumor-associated immunosuppression and immune surveillance escape.
182	RISPEridone LOaded NANoparticles
199	?The reproductive par excellence molecules neurokinin B and kisspeptin in endometrial cancer.?
208	Bridging Greek biodiversity with signal transduction pathways of mammalian cells: Assessment of extracts from plant and fungal species, on cell signal transduction pathways that govern cell survival, proliferation, cell death and immune-response.
212	Levels of cytokines, growth factors and antipsychotic drugs in plasma of first psychotic episode patients under antipsychotic medication ? New biomarkers of response?
263	INtegrative translational/pharmaCogenomics framEwork for PsychiaTrIc disOrders maNagement
264	Study on the role of deadenylases in lung cancer
289	High-order integration Of imagiNg and omics for COmputational tumor PHENotyping
306	IMMUNOMODULATORY POTENTIAL OF HYBRID BIOMATERIALS FOR TISSUE REGENERATION
310	Novel Digital Tomosynthesis system using Dual X-ray Energy Beam for Breast Cancer and Osteoporosis diagnosis
320	Biomechanical analysis of total hip arthroplasties. Corellation of kinetic and kinematic data to foot pressure measurements.
321	TFEB targeting for cancer therapy
327	EVALUATION OF DNA DAMAGE AND CANCER RISK OF LOW IONISING RADIATION DOSES IN INTERVENTIONAL CARDIOLOGY PATIENTS AND INCREASING AWARENESS OF RADIATION HAZARDS
347	Exploitation of Greek biodiversity in developing novel natural agents against multi drug resistance in prostate cancer therapy

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Αριθμός Πρότασης	Τίτλος
363	Methods for analysis and integration of high-throughput genomic data and environmental factors
365	Human mesenchymal stem/stromal cells derived extracellular vesicles as novel therapeutic cell free target for multiple myeloma
366	Bacterial non-coding RNAs as tools and targets against antibiotic resistance
369	Bio-data analytics and visualization workbench
398	Why and how do we age: a Multi-Species Investigation of Ageing
407	Inhibition of the JAK/STAT signal pathway by R548 small molecule: Potential therapeutic target for Acute Respiratory Distress Syndrome (ARDS) and Ventilator-Induced Lung Injury (VILI)
411	?Switch on? Peptide Biosensors for early stage diagnosis of Alzheimer's and Parkinson's Diseases
415	Experimental study on the neurovascular properties of mesenchymal stem cells and their secretome as key milestone achievement towards clinical application
420	Extracellular vesiclesA transcriptomics: unravelling the role of short non-coding RNAs in autoimmunity
434	Analysis of corneal OCT images using deformable registration and Voxel based Morphometry analysis.
439	NEW COMBINATORIAL ANTI-CANCER THERAPY BASED ON DRUG-PRIMED AND GENETICALLY ENGINEERED WHARTON'S GELLY STEM CELLS AND MAGNETIC NANOPARTICLE HYPERTHERMIA
460	Development and Validation of an Innovative Screening tool for the Assessment of Anterior Cruciate Ligament (ACL) Injury Risk.
462	In the search of natural Greek peloids with healing properties. An interdisciplinary study contributing to the exploitation of a new prosperous and sustainable natural resource.
466	Male infertility treatment through in vitro and in vivo administration of procyanidin, a potent antioxidant and a modulator of membrane androgen receptors (mAR) in human, bull, ram and boar
475	Unravelling the mechanism of action of the lung tumour promoter IKKbeta
476	Identification of blood based biomarkers for schizophrenia.
491	Delineation of drug resistance mechanisms to PDGFR-based chemotherapeutic strategies in solid tumors: impact of CD44 on the CSA-mediated regulation of PDGF signaling
500	DNA damage in cancer: Targeting novel mechanisms of resistance to chemo- and radio-therapy, focusing on DNA repair mechanisms and the manipulation of the endoplasmic reticulum stress response.
513	On the Development of a ?Computational Clinical Trial? Platform for Medical Devices Used in Endovascular Repair of Abdominal Aortic Aneurysms: Automated Image-based Morphological and Hemodynamic Characterization
519	Magnetic nanoparticles as a nanomedicine therapy for thrombosis
555	A multiplex PCR-based testing system, for rapid detection of bacteria and antibiotic resistance and impact of the assay on the management of spontaneous bacterial peritonitis
578	The effect of prenatal caffeine exposure on biomechanical properties of bone tissue in an animal experimental model and correlation with serum markers of metabolism and histopathology
594	StrEss PRediction Environment
595	Study and early non-invasive detection of Alzheimer's disease development in the ageing hippocampus.

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Αριθμός Πρότασης	Τίτλος
604	Infection and inflammation in schizophrenia
628	Caviar and "love" dart mucus of the land snail <i>Cornu aspersum</i> as two novel sources of bioactive compounds
630	Diabetes and insulin function: the role of oxidative stress
633	Retinal vascular network analysis algorithm of high resolution images
663	New signals and novel strategies for the in vitro generation of pancreatic β cells
679	IMproving diets through PACKaged food data: Technologies for Health
704	?Development of Autologous Corneal Implants using Synthetic or Biological materials?
707	Prostate Cancer: Lipid metabolism, Lipophagy and their role in radiotherapy and chemotherapy efficacy
740	Role of Aquaporin-1 and hypoxia-inducible factor 1 α in stretch-induced permeability, sepsis and apoptosis
747	Greek indigenous <i>Streptomyces</i> as producers of anti-ageing and anticancer agents: Isolation and characterization of bioactive metabolites and their biosynthetic routes towards biotechnological exploitation
773	Design and recombinant production of self-assembling PROTEins destined for BIO-Active and MImetic artificial NANetworks formation.
789	Evidence-based approach for developing a decision aid tool for diabetes remission
807	Comprehensive Analysis of Extracellular Vesicles and correlation with Disease using Bioinformatics
833	Crevicular fluid biomarkers of periodontal ligament in response to orthodontic tooth movement in adolescents suffering from systematic diseases
881	Enriched pro-haematopoietic stem cells and neural precursor cells in an animal model of Multiple Sclerosis
894	Molecular mechanisms of B cell transformation by Epstein-Barr virus
897	Effect of statins on the extracellular environment of cancer cells and a step towards the elucidation of their mechanism of action
898	Study of the mechanism of vitamin D induced expression of the tumor suppressor protein CYLD in human hematopoietic cells.
905	Multimodal Analytics and Visualization for the Accurate Classification and Early Diagnosis of the underlying neurodegenerative pathobiology in Primary Progressive Aphasia
913	Ρινικές θεραπείες για το ροχαλητό και την υπνική άπνοια
917	Physiological Responses to MACrophage specific DNA-repair impaiRment
918	The use of cultures autologous fibroblasts for the treatment of diabetic foot ulcers
922	The combination of Ciclopirox Olamine (CPX) and checkpoint inhibitors as an immunotherapy enhancer for the treatment of pancreatic ductal adenocarcinoma
926	Exploring NET-driven thromboinflammation in coronary syndrome and stent thrombosis/restenosis
932	Skin Cancer Registry for the Prefectures of Western, Central and Eastern Macedonia and Thrace.
934	Illuminating the Role of Bone Marrow-derived Mesenchymal Stem Cells (MSCs) in Pathogenesis and Therapeutic Resistance of Acute Myeloid Leukemia (AML)
935	CARDiac REpair post Myocardial Infarction

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Αριθμός Πρότασης	Τίτλος
948	Cryopexy versus Laser photocoagulation for retinopexy in pars plana vitrectomy for rhegmatogenous retinal detachment: a randomized clinical trial
967	Mechanotransduction in resistive breathing-induced lung injury. Implications for the pathogenesis of obstructive airway diseases and therapeutic potentials.
995	A Self-Learning, Multimodal approach for the early diagnosis of Alzheimer's Disease
1000	Title and Scientific Area(s): The effects of combined treatment with SGLT2 inhibitor and crocus sativus on type 2 diabetes mellitus and cardiovascular complications. An experimental and clinical approach
1008	Significance of regulatory T cells in untreated and treated patients with chronic HBV infection and their association with patient outcomes after discontinuation of oral antiviral therapy.
1015	Whole genome sequencing of carbapenem resistant Klebsiella pneumoniae in Northern Greece
1021	Long non-coding RNAs in renal pathology
1046	Investigation of the role of probiotics on treatment of periodontal disease by clinical parameters and microbiological metagenomic approaches.
1056	The effect of new organotins upon cancer cells
1066	Evaluation of the accuracy of weight loss information available in Greek websites, using machine learning techniques.
1071	Novel therapeutic strategies against complement mediated injury.
1081	Is the Lack of Telomeres in patients with Glioblastoma Multiforme reversible after the treatment?
1095	DEVELOPMENT OF IMMUNOTHERAPY STRATEGIES FOR ACUTE MYELOID LEUKAEMIA EXPLOITING THE NON-ELIGIBLE FOR TRANSPLANTATION UNITS OF A PUBLIC UMBILICAL CORD BLOOD BANK
1099	Characterization of mutations in Mycobacterium tuberculosis associated with resistance to first- and second-line anti-tuberculous drugs
1102	Optimal dosing time of antihypertensive drug treatment: Impact on preclinical organ damage
1133	Understanding dendrite growth via a combined genetic-computational approach
1153	The role of ryanodine receptor type 1 remodeling in diaphragmatic dysfunction associated with resistive breathing and tobacco smoke.
1185	The role of Ezh2 in human hematopoiesis
1188	A systems biology approach to decipher p53-dependent signaling pathways involved in human lymphoma pathogenesis
1189	Epigenetic alterations in aging: regulation of proteolysis in human stem cells.
1195	"Primary and metastatic bone tumors: A study on the role of Gremlin 1, miR-27b and exercise"
1203	Discovery of small molecule neurotrophin mimetics, potential therapeutics against neurodegenerative diseases.
1215	IL-33 as a predictive biomarker and target in cancer immunotherapy
1225	Development and Evaluation of a digital system for the delivery of Evidence-based primary prevention and health promotion Support to tertiary education student populations
1235	Use of new technologies to access the relationship between motor behavior and cognition in the elderly. A longitudinal study
1255	Deciphering the interplay between Nucleotide Excision Repair and cancer by using a novel high-throughput sequencing method.

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Αριθμός Πρότασης	Τίτλος
1271	Translating germline melanoma risk into personalized prevention and counseling in the Greek population
1272	multi-omic signatures for cellular disease Salivary diagnostics
1279	Microwaves effects on early stages of life: a systems medicine approach
1298	Method for Rapid Detection of Carbapenemases
1315	Investigating the Role Of Mitochondrial dysfunction In Cancer and Aging with metabolomics
1324	MultiCLiC
1332	Pharmacometric and photoacoustic approaches for the simultaneous assessment of tumor response and myelosuppression effects of anticancer agents
1349	Development of novel treatment options for comminuted metaphyseal fracture osteosynthesis in normal and osteoporotic bones assisted by advanced finite elements analysis
1397	Development of mathematical algorithms for optimizing the Hellenic volunteer Bone Marrow Donor Registry and Donor-search process
1403	Novel Trabecular Titanium Implants for Long Term Surgical Treatment of Osteoporosis
1410	Title of Proposal: Growing Healthy Youth: Prospective 10 Year Follow-up of Children and Adolescents' A Risk and Protective Factors for the Metabolically Unhealthy Phenotype.
1414	The impact of novel achievements in biosciences to the Total Biothreat in terms of threats, risk, possible novel response measures and the preparedness of implicated services
1438	Study of frequency, functional profiles and reactivity of myelin-specific T cells as a biomarker of disease activity and therapy effectiveness in Greek Multiple Sclerosis patients
1464	Understanding glioblastoma brain cancer complexity and predicting tumor evolution using in-silico models and advanced optoacoustic in-vivo imaging of key biomarkers
1479	New prospects in the treatment of Diabetes: Study of insulin secretion from differentiated monocytes and correlation with GLP-1 receptors of monocytes, in cultures with liraglutide.
1480	Immunomodulation in an Experimental Model of Multiple Sclerosis via Administration of Microbial Factors.
1489	Investigation of the role of CYLD in Multiple Myeloma
1500	The Indirubins family as a chemical scaffold for the development of novel bioactive molecules against age-related diseases
1535	A Novel Approach for the Prediction of Cardiotoxicity in New Drugs by Using Cell Membrane Chromatography
1552	An Omics Approach of the Influence of SGLT2 Inhibitors Administration on Red Blood Cell Metabolism in Type II Diabetes
1556	The Role of Coordinated Sleep Oscillations in Memory Consolidation Deficits in Schizophrenia
1566	Exploration of the bioactive potential of Mediterranean algae extracts and domestic dairy-derived probiotics using <i>Caenorhabditis elegans</i> as a screening system
1575	Ανίχνευση και μοριακή επιδημιολογία ιών γρίπης τύπου C στον άνθρωπο. Γενετική ανάλυση των γονιδιακών τμημάτων του υποστρώματος και της νουκλεοπρωτεϊνής ιών γρίπης τύπου A και B στην περιοχή της Θεσσαλίας. Εργαστηριακή διερεύνηση πιθανής μόλυνσης ανθρώπου από ιό γρίπης τύπου D.
1581	Development and Evaluation of a Universal Online Parent Training Program for the Prevention of Children's Social, Emotional, and Behavioral Problems and the Promotion of Healthy Development

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Αριθμός Πρότασης	Τίτλος
1587	Landscaping cancer through coding and non-coding gene expression: the paradigm of papillary thyroid cancer and the unmet need for novel stratification
1595	Expanding the drug target armory of Leishmania with an emphasis on GSK-3 and its signaling network
1630	Endothelial dysfunction in Idiopathic Pulmonary Fibrosis
1631	Adipose derived stem cells improve skin graft take in diabetic and non-diabetic subjects: a rat model
1641	PREDICTION OF THE DEVELOPMENT OF ABDOMINAL AORTIC ANEURYSMS IN MALE OFFSPRING OF PATIENTS WITH THIS CONDITION: THE VALUE OF THE ASSESSMENT OF THE MECHANICAL PROPERTIES AND THEIR ASSOCIATION WITH GENETIC VARIANTS
1644	On the road to functional understanding the divergent actin 2, a new target for malaria transmission blocking
1651	Design, characterization and study of a drug eluting intraocular lens implant for management of cataract surgery without any post-operative treatment.
1653	Delineation of the role of the NLRP3 inflammasome in the pathogenesis of severe asthma
1654	The role of fibroblasts in Cardiovascular Comorbidities of Rheumatoid Arthritis
1660	Quinazolinone hydroxamates acting as Photo-sensitizers for the UV-Vis Inactivation of Pathogenic Bacteria
1664	Epigenetics in autoimmune hepatitis
1680	A systems biology approach for the emergence of novel prognostic biomarkers in Multiple Myeloma
1686	Parasitic worms may convert gut microbiome in patients with colorectal cancers (CRC)
1694	A complementary systems approach in stratifying variation in autoimmune diseases
1696	Nanoparticle-coupled peptides as antigen-specific therapeutics in autoimmunity
1699	Unravelling the cellular functions of human Angiogenin, a potent angiogenic factor. Exploring the potentials for therapeutic interventions (ANGION).
1702	Diagnosis Support System for the Alzheimer's Disease
1703	Development and assessment of innovative approaches to characterise novel viral biomarkers of Hepatitis B infection outcome and the relevant epidemics in both Greece and the United Kingdom
1707	Effect of the main phenolic compounds in virgin olive oil on key steps of atherothrombosis
1724	A Dual targeted nanosystem for post-menopausal osteoporosis treatment
1725	Development of retargeted "anti-fibrotic/fibrolytic" HSV-1 recombinant vectors targeting IL-13 responsive cells to combat pulmonary fibrosis.
1731	The effect of Electrically Heated Cigarette (EHC) on oxidative stress, pulmonary physiology, arterial stiffness and inflammatory and prothrombotic markers/mediators in "healthy" smokers, and smokers with chronic respiratory disease.
1740	Prevalence of Germline Pathogenic Mutations in Patients with Pancreatic Adenocarcinoma.
1749	EASE
1757	Targeted delivery of glucose transport inhibitors and chemotherapeutic agents using nanotechnology for the effective treatment of hypoxic tumors
1772	Evaluation of lemon balm infusion consumption on health status of patients with type 2 diabetes mellitus

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Αριθμός Πρότασης	Τίτλος
1801	Circulating microRNAs in pediatric central nervous system embryonal malignancies. translating basic molecular research into clinical biomarkers of relevance
1802	Effects of Orthodox religious fasting on cardiometabolic parameters and adipocytokine profile in type 2 diabetes mellitus: a dietary intervention trial
1805	Multilevel Multimodal Biomarkers of Prodromal Alzheimer's Disease
1814	Defining the genetic landscape of Hereditary Colorectal Cancer in Greece ? a Task Force for Prevention and Treatment
1821	Progression of micro- and macrovascular alterations in a population with different blood pressure phenotypes
1831	Immune profile of bone marrow and peripheral blood cells in patient with intermediate and high risk myelodysplastic syndromes prior and after 5-Azacytidine treatment.
1833	A Closed Loop System for Socially Vulnerable Elderly suffering from Mild Cognitive Impairment and Comorbidities
1847	Assessment of the physical and C.P.R. performance as well as of the rescuing capacity of professional and recreational divers.
1853	Mutational landscape of lung adenocarcinoma
1861	Innovative Treatments Harnessing ADT plus Chemotherapy Advantages
1864	TOwards the Development of novel Anticancer agents targeting the PI3K/AKT/m-TOR pathway
1865	Metabolic Syndrome - Health & Exercise Lifestyle Promotion: Effects of innovative exercise programs on metabolic and cardiac function indices in overweight and obese youths
1871	Targeting metastatic dissemination of tumor cells
1884	PersOnalized theraPeutic protocols for high-risk nEuroblastoma, optimizing dosimetrY in pEdiatric patients
1887	Multifunctional Implant Coatings with temporal controlled release of Antimicrobial and Bioactive/osteoinductive factors for bone repair applications
1898	Satisfying our ?sweet tooth?. metabolic reprogramming reverses glucose toxicity.
1905	GENetic and Epigenetic BIOmarkers in Age-related Macular Degeneration
1907	DEVELOPMENT OF A BLADDER CANCER SCREENING STRATEGY IN TYPE 2 DIABETES PATIENTS BASED ON THE OPTIMIZATION OF A NOVEL URINARY BIOMARKER PANEL: ANALYSIS OF PROSPECTIVE EUROPEAN COHORTS
1910	How does nutrition affect the ejaculate? Insights for human and agriculture benefits
1912	Regulatory cells and microRNAs in systemic sclerosis
1915	Next Generation Sequencing (NGS) in Genetic Rare Diseases: the road to new scientific discoveries and personalized medicine
1953	Development and validation of novel antisense oligonucleotides as therapeutics for improving high density lipoprotein (HDL) functionality.
1971	Amplifying EGFR-driven cancer diagnosis and therapy using theranostics
1980	Carob fruit as functional food for the amelioration of Non-Alcoholic Fatty liver disease: in vitro and in vivo evidence
1982	Design and development of a low-cost system for the diagnosis and treatment of sarcopenia: The Medical and Engineering Splicing for Sarcopenia of AGEing (MESSAGE) study
1984	?Clinical and therapeutic implications of Hippo pathway deregulation in sarcomas?
1985	New Screening test for Colorectal cancer: Expression and polymorphism of microRNAs in saliva in Colorectal Cancer

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Αριθμός Πρότασης	Τίτλος
1988	DEvelopment of a NOvel technology for Vascular anastOMoses
1990	Congenital hypothyroidism as a study model of human organogenesis
1998	Milk based formulations with advanced therapeutical characteristics for Oral and Topical Use
2005	Botulinum neurotoxinA (BoNT/A) bladder injections: IN VIvo CEntral effects and long-term SAFETy for the treatment of refractory overactive bladder
2008	Studying the sexual function of women with cervical HPV
2022	From Nanoparticles to Therapeutic Applications and Life
2023	Investigation of optimal conditions towards development of new phenotypic tests for the detection and discrimination of the four classes of carbapenemases in carbanemase producing Gram negative bacilli found in clinical isolates
2034	Design, Synthesis and Biological Evaluation of a potential Therapeutic Vaccine Type-like Drug in the Immunotherapy of Multiple Sclerosis (MS).
2057	Laser ablation for intraocular lens customization: an alternative route for vision correction and hypervision achievement
2068	Nuclear Envelope and Genome Architecture: The key role of lamina-associated proteins
2082	«Η επίδραση της ηλικίας κύησης του εμβρύου και της πολυτοκίας στα επίπεδα της βιταμίνης D στην μητέρα και το νεογνό καθώς και στην σύσταση του μητρικού γάλακτος»
2093	An innovative policy towards an improved Health-Related Quality of Life in patients with childhood-onset Systemic Lupus Erythematosus
2105	Systems medicine approaches to translate spatial patterns of tumor-stromal-lymphatic interactions towards a predictive cancer biopsy Diagnosis System
2111	HPV related miRNA and DDR expression alterations in cervical intraepithelial lesions
2125	Biomarker Detection for Alzheimer's Disease and Dementia
2128	The significance of Minimal Residual Disease (MRD) in stem cell grafts of multiple myeloma patients that undergo high-dose chemotherapy and autologous stem cell transplantation after induction with novel agents
2132	Evaluation of bone pathophysiology and lifestyle parameters in patients with chronic kidney disease
2135	The unexplained female predominance of Systemic Lupus Erythematosus (SLE): A genetic and transcriptomic approach
2144	Prediction of sites of potential myocardial infarction in patients with coronary artery disease
2147	Establishment of high-throughput Procedure for the Exploitation of Greek traditional medicine and biodiversity to discover novel therapeutic agents against skin disorders
2166	Collective phenomena in Arrhythmia Related Mechanosensitive Ionic Chanells
2173	The role of Basigin in thoracic malignancies. Improving standard therapies' efficacy
2186	The effect of carotid endarterectomy on cognitive performance as a function of change in regional brain perfusion in patients with asymptomatic critical internal carotid artery stenosis.
2207	Traffic-related air pollution and noise on children's cognitive development and health
2238	STUDY OF GONADAL FUNCTION IN PATIENTS WITH HEMATOLOGIC MALIGNANCIES
2241	Targeted Experimental and In Silico Metabolism Analysis on Diabetic Nephropathy
2256	Personalized medicine using omics data
2257	The function of oncoprotein SET in ciliogenesis. molecular interactions and the role of polyglytamylation

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Αριθμός Πρότασης	Τίτλος
2270	Targeting of breast CANcer STEM cells with the innovative use of cell-penetrating Natural monoclonal Autoantibodies.
2271	CLL patient empowerment program
2281	Novel Target-specific Radiopharmaceuticals for Imaging of Tumors Overexpressing EGFR
2282	Implantable, pre-activated microconed-Si scaffold vaccines for cancer therapy
2289	Vascular complications in Greek patients with inflammatory bowel disease. epidemiology, risk factors and management.
2290	Detection of autistic traits and cognitive dysfunction in patients with chronic gastrointestinal diseases
2293	Development of novel hybrid biomaterials based on the Everolimus grafting to potentiate its anticancer effects
2294	Human Aging and Sarcopenia: Prevalence, Mechanisms and Treatment
2303	Therapeutic immunomodulation of an SLE mouse model in vivo and in vitro by soluble MHC class II molecules.
2316	Generation of MS tolerogenic vaccines
2321	Towards the regeneration of retinal cells and neuroretinal tissue: elucidating the role of Annexin A8 in retinal pigment epithelial cell trans-differentiation
2333	Identification of prognostic and predictive biomarkers, new molecular targets and mechanisms of resistance to current treatment in women with advanced epithelial Ovarian cancer treated with neoadjuvant chemotherapy
2339	Effect of vitamin D and novel nucleants on sperm characteristics in humans and in domestic animals.
2372	Health Related Quality of Life Effects of Prophylactic Cranial Irradiation
2391	Investigation of mechanoresponsive polycystin family of proteins as novel biomarkers in solid tumors
2399	Adverse outcome pathways in human health after exposure to ambient fine particles in atmosphere: Risk assessment in lung and liver cancer.
2408	Colonization and Impact of Multi-drug Resistant (MDR) Pathogens in Patients with Neoplasia
2409	The role of antiprogesterins in breast cancer treatment and the effect in Galectin-3 expression in an animal experimental model
2411	Validation and application of custom-designed Targeted Next Generations Sequencing Panel for the genetic diagnostic profiling of dyslipidemias
2413	Digital era in orthodontic diagnosis and treatment planning. A future guide for clinical applications and national health systems.
2415	Can prosodic and musical elements help patients with non-fluent aphasia to regain their communication skills?
2424	Early Detection and Evaluation of Lung Infection in critically ill patients With the use of Exhaled breath Biomarkers & Specialized Sensors
2433	Weight loss maintenance intervention featuring mentorship from successful longterm maintainers
2444	Organizational intervention for BEHavioral changes for reducing the growing public health threat of Antimicrobial Resistance: hand hygiene, antibiotic stewardship and Impact on resistome burden to last-line antibiotics
2449	Greek Registry: ?Online Knee Revision Data Base?

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Γ. Επιστήμες Ζωής (Ιατρικής και Επιστημών Υγείας) ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
Αριθμός Πρότασης	Τίτλος
2453	Neurochemical alterations and complementary therapeutic effects of Corinthian currant consumption on dopaminergic system of experimental parkinsonian models
2454	Novel regulation mechanisms of sperm-specific PLC zeta and clinical links to male factor infertility
2456	Development of an isothermal assay for HPV diagnosis and establishment of powerful biomarkers that predict cervical cancer risk.
2457	Unraveling the cross-talk between tumor associated macrophages (TAMs) and cancer stem cells (CSCs) in breast cancer metastasis
2463	BIOTECHNOLOGICAL ADAPTATIONS IN SPORT
2465	The interplay between gut microbiota and age-related DNA damage-induced lipodystrophies in a mammalian system
2466	The role of saturated and unsaturated fatty acid-induced endothelial dysfunction in systemic insulin resistance and lipotoxicity: Focus on the effects of paracrine signals, stress hormones and oxidative stress, towards a unifying hypothesis for Metabolic Syndrome.
2474	In vitro and in vivo effects of natural compounds in diseases based on oxidative stress. Study the molecular mechanisms of cellular survival and apoptosis.
2476	Αναγέννηση του τραύματος οδοντίνης-ζωτικού πολφού: προκλινικοί έλεγχοι θεραπευτικών στρατηγικών βασισμένων σε βιο-ενεργοποίηση συστατικών της οδοντίνης
2477	Stress resilience and post-traumatic spiritual growth in survivors of childhood trauma: A national action research project introducing an innovative curricular model for the rehabilitation of refugee children and youth.
2486	Non-transplantable cord blood units as a source for T cell immunotherapy simultaneously targeting leukemia and viral infections ? a paradigm shift towards circular economy in medicine
2491	Pain in understudied populations living in Greece
2503	Nanoparticles based bisphosphonates delivery for improving osteoporosis treatment
2518	Stem cells isolation from Coleomic and Amniotic Fluid aspirations at 7-10 weeks of gestation for prenatal therapeutic purposes
2521	Investigation of cardiac arrhythmias and vascular physiology after the administration of antibiotics of macrolide class
2522	A holistic alcohol liver disease study: A neglected malady with devastating medical, social and economic impact
2523	Electrochemical nanomaterial-based aptasensor for monitoring of thrombosis-related biomarkers
2525	Ανάπτυξη μεθοδολογιών γενομικού προφίλ σε μεμονωμένα κύτταρα απο ασθενείς με μακροσφαιριναιμία Waldenström's (WM) για την αναγνώριση μεταλλάξεων και την μελέτη των άμεσων επιδράσεων αυτών στην παθογένεση του WM.
2548	Health risk factors in recreational distance runners - How to reduce the risk of musculoskeletal injuries?
2558	Metabolic aspects of individuals with excessive daytime sleepiness
2566	The Zero Level Approach to Prevention: Family lifestyle planning
2572	Generation of blood vessels in vitro: The role of endocytosis in the differentiation of human embryonic stem cells to functional endothelium.
2580	Development of a novel standardized comprehensive assessment scale (the Hellenic Early Assessment Dementia Differentiation Scale, HEADDS) for the timely differential diagnosis of the most important types of dementias

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Γ. Επιστήμες Ζωής (Ιατρικής και Επιστημών Υγείας) ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
Αριθμός Πρότασης	Τίτλος
2582	Design and development of electrochemical biosensors for the detection of biomolecules (glucose) in the human body
2588	A study of the non-thermal effects of microwaves (and beyond) on a water solution of lysozyme and of the complex BDNF-p75NTR of a brain neurotrophic factor. Molecular dynamics simulations using the Drude polarizable force field and the Charmm C36.
2592	POSSIBLE INVOLVEMENT OF SALMON CALCITONIN, A DRUG USED IN OSTEOPOROSIS TREATMENT, IN PROMOTION OF ATHEROSCLEROSIS
2597	Investigating the role of ALDH1A in the convergence of hypoxia and retinoic acid signaling pathways in cancer stem-like cells and exploitation of novel therapeutic strategies
2599	Some brain functions age, other mature: Crossmodal emotional integration across the life span of healthy and pathologic populations
2604	Study of nanoparticles' safety (in the environment and in their use in biomedical applications) 1. Detection of nanoparticles toxicity on animal model 2. Application of the suggested as less toxic nanoparticles in treatment of an autoimmune disease
2617	Exploitation and adaptation of innovative imaging and computational techniques for the advancement of clinical rupture risk assessment of abdominal aortic aneurysms
2618	The association of apoprotein E, Carotid Intima-Media Thickness (CIMT), left ventricular mass and cardiac diastolic function, nutrition status and physical activity in adolescence.
2630	Phages: Antibacterial agents against Respiratory Infections Diseases
2631	Unveiling the role of Vaults in Rheumatic Diseases
2639	WORLD RELIGIONS, FOOD PRACTICES AND RESTRICTIONS, AND DETERMINANTS OF DIETARY BEHAVIORS
2640	Effects of concurrent aerobic and power training on aerobic capacity, muscle strength, power, and health-related parameters.
2643	Regulation of blood cell development in health and disease
2691	Development of a predictive machine learning model for the prediction of response to medication in individuals with a first psychotic episode
2710	Kinetics of Circulating Progenitor/Stem Cells in Preterm neonates and related mobilization in morbidities of the prematurity

Δ. ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ «Γεωπονικές Επιστήμες»

Σύμφωνα με τον παρακάτω Προσωρινό Πίνακα Κατάταξης και λαμβάνοντας υπόψη το διαθέσιμο προϋπολογισμό της δράσης και τον προτεινόμενο προϋπολογισμό ανά πρόταση, προβλέπεται να χρηματοδοτηθούν **έως 14 προτάσεις**.

Επισημαίνεται ότι με βάση τον Οδηγό Εφαρμογής της δράσης, προτάσεις που έχουν λάβει συνολική βαθμολογία μικρότερη των 60 μονάδων αποκλείονται από τη χρηματοδότηση

Δ1. ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Δ. Γεωπονικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
410	Greek sheep for Greek conditions	95
691	Sensory ecology of pollination in space and time: multitrophic interactions and response to change	93
796	Swinostics - Rapid field diagnostic technology for detection of major swine viral diseases	91
1788	Integration of experimental investigation and computational modeling to decipher dormancy related stochastic phenomena in <i>Listeria monocytogenes</i>	91
2040	The janus face of insecticide action: balancing malaria/pest control and neurodegeneration hazards in humans	91
1229	Looking up for Novel Nitrification Inhibitors: New stories with old compounds	89,5
483	RNA Silencing in Diatoms	89
2342	Valorization of agro-industrial by-product streams from Aegean for the production of carotenoids, proteins and functional foods	89
1169	Zebrafish as an animal model to study stress and anxiety-related behaviors	88,5
1570	RNA sprays as a tool for crop improvement and protection	88,5
338	Climate change and fisheries impacts on small pelagic fish: dynamic, spatially explicit models in the service of the ecosystem-based fisheries management	88
705	Plant Growth Promoting Rhizobacteria (PGPR) that alleviate abiotic stress in plants grown in the Mediterranean environment: understanding the biochemical and molecular mechanisms of tolerance	88
148	A combined -omics and bioinformatics approach to generate the atlas of Greek-oriented sweet cherry genetic resources	87
2418	Species on the brink of extinction	87
30	Exploitation of snails and edible insects as novel protein sources in the development of food products.	86
46	The use of Macedonian Oak (<i>Quercus trojana</i>) as a potent material for the vinification and aging of Greek wines and spirits.	85,5
71	Mechanisms for maintenance of protein homeostasis and function of energy-producing organelles: A holistic approach within biological systems	85,5
2498	Innovative tools for the control of difficult-to-manage arthropod pests, which are resistant to insecticides	85,5
806	Functional Genomic Analyses for investigation of Key Traits for Aquaculture Growth: Age at Maturity in Gilthead Sea Bream and European Sea Bass	85

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Δ. Γεωπονικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1210	Exploration of microbiological spoilage status of seafood using multi-Omic approaches	85
1405	Encapsulation of bioactive peptides, bacteriocins and probiotic bacteria in food-grade nano-dispersions. Development of novel functional foods.	84,5
1527	Quorum Sensing of Salmonella Typhimurium in fresh Produce	84
865	Integrated design methodology for innovative insect-proof nethouse systems for high value horticultural production in Greece	83,5
1623	Reinforcing the circular bioeconomy through the holistic valorization of cheese whey under the concept of sustainable biorefineries	83,5
931	Calcium Oxalate Crystals in Alarm Photosynthesis. Elucidating the underlying mechanisms using omic analyses	83
1294	Small interfering RNA-mediated antiviral resistance in tomato and cucumber	83
2095	Unraveling host pathways involved in plant-viroid interactions	83
265	Development of a holistic strategy for the assessment of the quality and authenticity of Greek PDO products: olive, wine and Chios mastic	82,5
379	Bread and pasta development using Greek wheat landraces	82,5
577	Assessing the intrinsic vulnerability of agricultural lands to water and nitrogen losses at national scale in Greece	82
2495	Optimal design of biomass supply chain in Greece using a holistic mathematic approach	82
1058	Analysis of purine transport and metabolism in Symbiotic Nitrogen Fixation	81,5
2499	The spread of a "tiger": genomic diversity and differentiation of the arbo-viruses vector Aedes albopictus in Europe.	81,5
396	Describing an early warning system of tick-borne diseases using mammalian and avian species as bio-indicators of pathogen dispersion	81
939	Evaluation of grapes and wines from clones of Greek varieties based on their chemical composition and sensory profile.	81
2129	DIFLORA: Dissecting flowering time control in Arabidopsis	81
2310	PROfitable TRAdditional sheep FARMS	81
170	Unraveling the genomic components of the successful invasion of a Lessepsian marine invader-sprinter, the silver-cheeked toadfish <i>Lagocephalus sceleratus</i>	80,5
1799	Olive fruit fly site-directed transformation system: a synthetic and bioengineering approach to promote pest control and applied research	80,5
2225	Multi-species relationships in legume roots: From the pairwise legume-rhizobium interaction to the soil-plant biosystem	80,5
631	Novel approaches to develop added value livestock feeds	80
1274	Innovations in food processing for addressing the risk of allergens and application of novel molecular tools for food safety assessment	80
1851	Culturomics and search of Antimicrobial Resistance genes in Novel and known food-borne microorganisms.	80
1890	In depth characterization of stone-fruit trees virome and study of plant-virus interplay	80
629	An OBP-based reverse chemical ecology approach for the control of three highly invasive insect pests	79,5

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Δ. Γεωπονικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
886	Cryopreservation, an innovative strategy to support the ex situ conservation of plant genetic resources of endemic populations of aromatic and medicinal plants	79,5
1377	Climate change implications for aquaculture - Development of a multiscliplinary and ecosystem approach for assessing the ?hot spots? in the aquaculture zone of mussels in the coasts of Greece	79,5
354	Dissecting the Interaction Networks in Secretion Systems of Economically Important Plant Pathogens	79
984	The impact of aflatoxin B1 and zearalenone on gilthead seabream and European seabass: a multi-disciplinary approach	79
1435	Valorization of Agricultural By-products with a Circular Economy Strategy	79
1384	Innovative biofunctional foods: isolation, characterization and production of novel probiotic cultures with health-promoting potential using agricultural wastes	78,5
1515	A molecular approach of temperature induced within-generation phenotypic plasticity and between-generation plasticity of maternal origin, in zebrafish, <i>Danio rerio</i> (Hamilton 1822)	78,5
1947	High Resolution Mass Spectrometry Metabolomic Approaches for the Study of Bioactive Compounds in Brassicaceae (Cruciferae) and Moringaceae family	78,5
330	OMICs approaches to identify <i>Olea europaea</i> glycosyltransferase multigene family members for eminent synthetic biology applications in microbial factories	78
788	Biotechnological Production of Trehalose and Ice Nucleation Protein for Frozen Food Applications	78
2656	Evaluation and adaption of effective models for water resources management in irrigation schemes. Pilot applications in selected Local Organizations of Land Reclamation.	78
850	DISSECTING RNAi TECHNOLOGY IN INSECTS: AN ENVIRONMENTALLY FRIENDLY APPROACH FOR INSECT PEST CONTROL	77
1138	A multi-technique approach, based on ampelographic and molecular methods in combination with spectroscopic methods, for the identification and quality evaluation of Cretan grapevine varieties, must and wine	77
1262	Organic vegetable growing and cultivation practices for agricultural diversification with high nutritional value products	77
1174	Enhancement of Herbal Bioactivity in Innovative Greenhouses	76,5
1715	Lathyrus peas Evaluated Germplasm for Climate-Smart Agriculture and Sustainable Crop Yield	76
1733	?GREEN? RECYCLING OF MELIA AZEDARACH (SAPHINALES: MELIACEAE) PRUNING WASTES INTO SELECTIVE, INSECTICIDAL AND ACARICIDAL EXTRACTS	76
1159	Contribution of microbiome analysis on the optimization of the commercial microalgal production	75,5
2054	Tackling the khapra beetle, <i>Trogoderma granarium</i> : A threat for global food security	75,5
2320	Functional, structural and epigenetic effects after long ? term ghrelin infusion in pregnant sheep	75,5
204	Mastitis in goats: field study and use of ?omic techniques for investigations into the pathogenesis of mastitis of staphylococcal aetiology and its potential zoonotic significance	75
215	Innovative methods for abiotic and biotic stresses amelioration in apple and cherry	75

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Δ. Γεωπονικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1526	Bio-degradable wood composites bonded by the renewable raw materials starch and gum rosin	75
1591	Green approach for the valorization of agricultural SIDE-products for the isolation of high added VALUE natural compounds	75
2226	The evaluation of alternative supply chains to realize the growing stock and a treasure of forest biomass Terpenes	75
2363	Confronting the mite bee destroyer: analysis and management of acaricide resistance in Varroa destructor and innovative green chemistry / biotechnology ? based control	75
367	Monitoring and Protection of Rural Areas Using Innovative Technologies and Economics	74,5
1330	Evaluation of Apricot Fruit of 40 Traditional and New Varieties ? Harvest Season, Quality, Nutritional Value, Storability	74,5
1343	Resilience of the Greek agricultural economy	74
1362	Development and standardization of novel methodologies for assessing marine fish biodiversity and invasive fishes in the Greek Seas using environmental DNA (eDNA)	74
1453	Optimized Alternative Water Resources Irrigation in the Era of Climate Change	74
298	Stewardship of the bean landraces' variability via on-farm breeding	73,5
1735	Production of novel functional meat products with total replacement of added fat by extra virgin olive oil and use of potential lactic acid bacteria with in vitro and in vivo probiotic properties (immunomodulatory activity and reversion of coeliac-like disease development) isolated from traditional products.	73,5
2176	Remote sensing for precision agriculture	73,5
2108	Forest stress monitoring based on airborne and satellite-derived hyperspectral vegetation indices	73
1627	Classification of Greek olive germplasm	72,5
2704	Listeria monocytogenes inter-strain interactions in multi-strain biofilms	72,5
312	Investigation of Urban Heat Island phenomenon in Patras, through Satellite imagery and Assessment of Urban Heat island mitigation owing to green roofs installation.	72
339	Specific small molecule inhibitors of the Niemann-Pick C1 protein for insect pest management	72
541	Insecticide resistance status of Aphis gossypii and biology traits in relation to transmission of two aphid-borne viruses on cucurbits and pepper in Greece.	72
712	Improving nitrogen and amino-acid use efficiency of dairy cattle	71,5
1175	Metagenomic analysis of the raw caprine milk microbiota in Greece and the effect of different post-milking (on-farm and ex-farm) practices on its quantitative and qualitative composition.	71
1314	Meta-modifications regulate gene circuitry outcomes and developmental processes	71
1368	Synthetic biology of secoiridoids of the olive tree and recruitment of deconstructed viral vectors as versatile tools for functional genomics and manipulation of agronomic traits.	70,5
103	Safeguarding riparian and deltaic ecosystems through Ecosystem Based Approaches with emphasis on Ecotourism to enhance rural areas.	70
2069	Functional analysis and characterization of LRR kinases regulation by HSP90 chaperone machine regarding apical meristem differentiation in Arabidopsis thaliana	70

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Δ. Γεωπονικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
797	Molecular detection of bacterial and viral pathogens in ticks	69,5
2487	Diet determination of wild gilthead seabream and European seabass populations in Western Greece lagoon ecosystems by Next Generation Sequencing technologies.	69,5
688	Complex flowers, vulnerable plants: Assessing global patterns of floral complexity aiming at the conservation of endangered plants and their pollinators	69
1568	Quality improvement and characterization of the identity of Greek traditional goat cheeses	69
2348	Microbial degradation of veterinary antibiotics for prevention and mitigation of environmental dispersal of resistance traits	69
2541	Comparative functional analysis of <i>Neurospora crassa</i> cyclophilins in the endophytic, parasitic or saprotrophic association with plants	68,5
949	Detection, Analysis and Phylogenies of Conserved Alternative Exons across Organs and Species at various Taxonomic Levels	68
2263	Analysis of gene expression throughout formation of color compounds and synthesis of aroma and volatile compounds during the different berry ripening stages and impact of different agronomic techniques in order to optimize the sensory profile of Greek wines.	68
2070	Linking agricultural innovation platforms to knowledge and markets: New roles for agricultural education and marketing research	67,5
535	Compatible, inspiring coloration of flowering plants: A new methodological approach	67
640	Natural raw materials of Greek origin and their potential as slow release fertilizers after their use in olive oil mill waste (OOMW) treatment	66,5
734	Designing biopolymer/ biodegradable, edible coatings encapsulated with natural additives for microbial safety and quality enhancement of food products	66
605	The impact of invasive alien species on biodiversity: The case of American mink (<i>Neovison vison</i>) in Greece	65
774	Assessment of the level of positivity of household cats with stomatitis in Greece to methicillin resistant <i>Staphylococcus aureus</i> (MRSA), and investigation of their epidemiological significance	65
2510	Bioprospecting for essential lipids and related products from Greek algae: collection, modern classification, biochemical characterisation, optimisation of production through ecophysiology and omics technology, optimization of extraction, in vitro bioactivities, product purification and characterisation, residual product characterisation	65
1784	Development of a novel, integrated biosensor platform based on DNA - conjugated gold nanoparticles for highly sensitive detection of pathogens in olive & citrus plants.	64,5
518	Evolution of the Y chromosome in tephritid fruit flies and characterization of Y-specific genes	64
1032	Development of biodegradation methods for wood products which become dangerous due to chemicals (e.g. preservatives and adhesives) use.	64
619	The virome and the transcriptome of Hellenic <i>Prunus</i> : breeding for quality and plant health	63,5
1001	Investigation of food products' authenticity across the supply chain and promotional strategies through alternative distribution channels	63,5

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Δ. Γεωπονικές Επιστήμες ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1574	POTENTIAL USE OF RICE BYPRODUCTS AS SOIL AMENDMENT IN SUSTAINABLE RICE CROPPING SYSTEM	63
2027	The plant "factory" Aregano: Implementations of advanced breeding strategies and valorization of bio-compounds and post-distillation wastes in novel products	63
586	Development of an advanced mammalian cell-based, metabolomics platform for the toxicological risk assessment of pesticides	62,5
1437	Manipulation of insect host microbiota to enhance the performance of mass reared parasitoids: Rearing the parasitoid <i>Aganaspis daci</i> on immature <i>Ceratitis capitata</i> bearing modified symbiont communities	62,5
1547	Impact of sulfoxaflor and flupyradifurone on <i>Apis mellifera</i> , the honey bee.	62
2078	Tools for coexistence. Testing and promoting novel techniques to reduce wolf attacks on livestock and hunting dogs: Fladry fences, wolf-proof vests and predation risk analysis.	62
1093	Optimized Agricultural water use via an iNnovative Irrigation/fertigation scheme through the implementation of a novel and holistic monitoring regime.	61
1241	Sea Urchin Genomics and Adaptation in Relation to Dwarfism	61
2450	Molecular characterization of the two local olive varieties-Kolovi & Adramytini- in Lesvos	61
2482	New generation antimicrobials in probiotics through CRISPR-Cas system.	61
2600	Occurrence of antibiotic residues and pathogenic <i>Vibrio</i> spp. in farmed and wild gilthead seabream, seabass and shrimps in Greece and associated antibiotic resistance	61

Δ2. ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Δ. Γεωπονικές Επιστήμες ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ		
Αριθμός Πρότασης	Τίτλος	
232	Phytoremediation of contaminated soils	
375	Single-Breed Bio-Functional Greek Dairy Products. In-Depth, Global Characterization Through 'Omics' Technologies	
414	Beneficial microbe-mediated mitigation of abiotic and biotic stresses using microcapsule carriers and tolerance response in tomato, tobacco and wheat	
419	ΑΝΙΧΝΕΥΣΗ ΒΑΡΕΩΝ ΜΕΤΑΛΛΩΝ - ΛΙΠΑΣΜΑΤΩΝ ΚΑΙ ΦΥΤΟΠΡΟΣΤΑΤΕΥΤΙΚΩΝ ΟΥΣΙΩΝ ΣΕ ΑΓΡΟΤΙΚΑ ΠΡΟΪΟΝΤΑ ΣΤΗΝ ΠΕΡΙΟΧΗ ΤΗΣ ΘΕΣΣΑΛΙΑΣ ΚΑΙ ΕΚΤΙΜΗΣΗ ΤΩΝ ΠΕΡΙΒΑΛΛΟΝΤΙΚΩΝ ΕΠΙΠΤΩΣΕΩΝ ΣΤΟ ΥΔΑΤΙΝΟ ΟΙΚΟΣΥΣΤΗΜΑ ΤΗΣ ΠΕΡΙΟΧΗΣ	
442	The effect of <i>Crocus sativus</i> L. carotenoids on the expression of genes encoding antioxidant enzymes and the plasminogen activator/ plasmin system of bovine frozen/thawed spermatozoa and in vitro produced blastocysts.	
474	Multifunctional farm as platform of social learning and sustainable local development: A case study in the context of Social Economy in the region of Gera, Lesvos Island.	
516	DEVELOPMENT OF A CRISPR/CAS9 SYSTEM AGAINST RUMINANT ANIMAL BRUCELLOSIS	

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Δ. Γεωπονικές Επιστήμες ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
Αριθμός Πρότασης	Τίτλος
540	Development and assessment of eco-friendly plant protective products based on the synergism of natural polyphenolic substances originating from agricultural wastes and essential oils.
669	Selection of a <i>Pediococcus</i> strain with probiotic properties and its application, individually, or in combination with grape melanin, in poultry production against enteric diseases.
717	Optimization of violaceinAs production and an active packaging system that would detects aflatoxins
750	Mountain Tea Polyphenols: Identification, Biosynthesis and Bioactivity Evaluation on Models of Neurodegenerative Diseases.
804	Development of a Decision Support System for the Sustainability assessment and Environmental Performance of Olive & Vine Cropping Systems
805	Integration of sustainable aquaculture and organic agriculture towards fish welfare and quality
1037	The effect of inspired oxygen concentration and type of ventilation on shunt formation under anaesthesia: The role of hypoxic pulmonary vasoconstriction (HPV) on lung aeration and gas exchange in a swine model. Phase I: a blood-gas analysis and imaging study.
1048	linKing humAn and aRtificial inteLLigence for wAtEr security, equity and sustainabiLity
1077	Endoplasmic Reticulum Dynamics in Dividing Plant Cells: Functional and Developmental Role of Acetylated Microtubules
1351	Conservation and Exploitation of <i>Scutellaria rupestris</i> ssp. <i>cephalonica</i> (Lamiaceae), a threatened species narrow endemic in Cephalonia with pharmacognostic, pharmacological and environmental interest
1404	Identifying and mapping basic honey flora in Cyclades islands with Remote sensing techniques
1505	Development of legume pasta enriched with antioxidant compounds from agro by-products and optimization of pasta making process
1506	Agroforestry for Regional Sustainable Development
1544	Applying innovative methods to investigate and treat diarrhea in lambs
1743	Enhancing the Resilience of Social Ecological Systems: A Participatory Approach Towards Combating Land Degradation of Olive Groves in Greece
1820	Study of the microbiome of fleas, collected in the Attica region, using High Throughput (Next Generation) 16S Sequencing
1828	Soil erosion assessment in Greece
1870	Possible beneficial effects of fish feed supplementation with omega-3 fatty acids on the welfare of aquacultured fish species. Investigation of their role as an enriched in omega-3 fatty acids food.
1940	Growth, aroma components concentration and heavy metals accumulation in aromatic culinary herbs cultivated on an urban extensive green roof in Athens, as affected by irrigation frequency and cultivation position
1941	GEOinformatioNal Services and Multidisciplinary Applications of InfoRmaTicsA SYStems for Beneficial Integration of Precision Organic AGRicultural Practices, Support and Management through Emerging Digital Technologies and Sustainable Optimizations
2012	Development of a novel phenotypic evaluation framework, integrated into legume breeding programs which address adaptation to climate change
2058	Evolution of fish deformities over time
2100	The contribution of RNA-mediated mechanisms to the origin of life and the evolution of photosynthetic organisms
2127	Irrigation and fertilization management and diseases forecasting in vegetable crops

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Δ. Γεωπονικές Επιστήμες ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
Αριθμός Πρότασης	Τίτλος
2180	Enhancement of the biological actions of extracts from plants with bioactive properties
2334	Alarm Photosynthesis Manipulation: Environmental and nutritional applications
2335	Effect of dietary supplementation of olive leaves on quality of lamb meat enriched with polyunsaturated fatty acids
2401	?Sampling and molecular characterization of the indigenous Greek wine-grape cultivars (<i>Vitis vinifera</i> L.) for establishing a Bank of disease-free and certified propagating material?
2545	Mechanisms regulating plant DNA demethylases
2551	Selection of indigenous Greek herbs as alternative feed supplement
2575	Aquaculture & Environmental interactions on the Welfare and Flesh Quality of Farmed fish in Greece.
2586	Post-fire restoration of forests on the Taygetus Mountains/Peloponnese, regarding economic, ecological, social benefits and fire risk
2686	Evaluation of physicochemical, microbiological, sensory, and antioxidant characteristics of Greek prickly pear (<i>Opuntia ficus indica</i> L.) and potential beneficial use of its freshly prepared juice

Ε. ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ «Μαθηματικά και Επιστήμες της Πληροφορίας»

Ε1. ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ

Σύμφωνα με τον παρακάτω Προσωρινό Πίνακα Κατάταξης και λαμβάνοντας υπόψη το διαθέσιμο προϋπολογισμό της δράσης και τον προτεινόμενο προϋπολογισμό ανά πρόταση, προβλέπεται να χρηματοδοτηθούν **έως 11 προτάσεις**.

Επισημαίνεται ότι με βάση τον Οδηγό Εφαρμογής της δράσης, προτάσεις που έχουν λάβει συνολική βαθμολογία μικρότερη των 60 μονάδων αποκλείονται από τη χρηματοδότηση.

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Ε. Μαθηματικά και Επιστήμες της Πληροφορίας ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
133	Rigidity of Submanifolds in Higher Codimensions	95
1667	Spatio-textual Data Exploration at Scale	94
1889	Singularities in nonlinear elliptic problems	93,5
1167	Formal Foundations for Big Shared Data Banks	93
2285	Dissecting Multi-Neuronal Modules of Computation in the Neocortex	92,5
892	Crowdsourced networks, services, transport: analytical foundations of sustainable sharing	92

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Ε. Μαθηματικά και Επιστήμες της Πληροφορίας		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
52	Statistical inference with stochastic differential equations and applications in complex stochastic systems.	91,5
1614	Democratizing Visual Analytics, A Self-Service Platform for Big Data Exploration	91
585	Optical Random Access Memories for Low-Latency, High-Throughput and Energy-Efficient Disintegrated Computing Architectures	90,5
1115	Optimal control constrained by Partial Differential Equations via Cut Finite Elements method (CutFEM) and random input data	90
188	Towards Socio-Cognitive Logic-based Agents	89,5
1226	Duality and enrichment in operadic theory. interactions with Hopf structures and abstract systems modeling.	89
1901	Clustering Big Data	88,5
1126	Risk Aversion in Algorithmic Game Theory and Mechanism Design	88
2096	Mathematical Foundation of Data Compressibility	87,5
1619	Asymptotic Geometric Inequalities	87
606	Scaling up and accelerating inference in latent variable models for high dimensional data	86,5
2517	Conversational Interfaces for Next-Gen Services and Apps via Storytelling Bots	86
1753	Discrete and Computational Geometry, Combinatorics and Coding Theory	85,5
609	An integrated software-defined end-to-end content delivery framework for INCENTivizing decentralized sharing of edge network resources	85
1741	Exploring the interplay between incentives, computation, and learning	84,5
1906	Algorithms and Recursion in Real Analysis	84
1670	Breaking the Wall Between Ontologies & Databases	83,5
346	Quantization and Singularities in Poisson Groupoids	83
1852	Virtual Elastic Datacenters on Edge	82,5
1760	Diophantine problems in non Euclidean geometries	82
1992	Algorithmic Aspects of Evolutionary Dynamics in Networks	81,5
1047	Understanding Radicalism by Mining Online Discussions and Interactions	81
1969	Bitvoting: an e-voting scheme using blockchain technologies	80,5
562	WINDINGS OF STOCHASTIC PROCESSES AND APPLICATIONS	80
2526	Scheduling under uncertainty via approximate counting	80
181	Interactive Shape-driven Virtual Object Assembly	79,5
1295	Flexible Ultra High-Throughput Satellite Communication Networks: Architectures, Precoding & Packet Scheduling Strategies	79
1331	Acoustic Space-driven EMOTional SPEECH Transformations	79
1376	Development of an Integrated Information System for Automatic Writer Identification and Quantitative Analysis of the Writing Style	79
2126	Adaptive Persuasive Playful Learning through an Anthropocentric Unobtrusive Smart framEwork	79
1677	Context-Aware and content-based motion Pictures Recommendation and repurposing	78
906	Component-based development through call by meaning	77
1406	Information-Centric Connectivity and Network Slicing	77

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Ε. Μαθηματικά και Επιστήμες της Πληροφορίας ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1540	Development Framework for BPaaS	77
1970	SunLearn: Deep Learning for Online Solar Flare Forecasting	77
1765	Congestion Control Algorithms for Background Data Transfers	76
1171	Structural Foundations for Mobile Agent Computing	75
1869	Nanomathematics: Development of Mathematical methods for characterization of the geometry of nanostructures	75
2198	Consumer driven Optimisation of Demand Response for Smart Grids	75
353	The impact of Social Factors on the design of Adaptive Privacy aware Cloud-based Systems (APACS)	74
1835	Universal series ? overconvergenve ? hypercyclicity	74
2538	Development of a Modular DSS for Robust Strategic Decision Making using MCDA approaches	74
2594	Enactive Vision-Language Integration	73
1338	Leveraging SDN and Wireless Technologies for the 5G Networks	72
1991	Big Data in Support of Biosurveillance: Advanced Statistical Modeling and Process Control for Timely and Valid Outbreak Detection	72
947	Musicologically and perceptually informed computational models for Analyzing the Greek Traditional Music	71,5
1242	Streaming Signals Learning over Internet-of-Things Edges	71,5
399	Direct and inverse electromagnetic scattering problems at oblique incidence and applications	71
1532	Exhaustive Grid searches on GPUs for Geophysics Problems	70,5
502	5G architectures leveraging enhanced Fiber-Wireless convergence for high-density network applications	69
2074	resource management platform for federated cloud and fog to meet high-performance Enterprise applications demand	69
2690	Battery management algorithms for the future grid	68,5
2570	V-Edge: Algorithms and System Development for Fast Video Coding and Energy Efficient Scheduling on the Network Edges	68
1022	Exploiting Big and Online Surveillance Data for Time Critical Maritime Operations	67,5
2340	A New General Methodology and a Related Information System for the Automated Reconstruction of Fragmented Objects of Arbitrary Geometry	67

Ε2. ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Ε. Μαθηματικά και Επιστήμες της Πληροφορίας ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ		
Αριθμός Πρότασης	Τίτλος	
43	SET-THEORETIC TOOLS AND THEIR MATHEMATICAL APPLICATIONS	
145	Graph Spectra	
163	Big Data Constraints	

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Ε. Μαθηματικά και Επιστήμες της Πληροφορίας ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
Αριθμός Πρότασης	Τίτλος
171	Multisensory Integration in Natural and Virtual Reality Walking Scenarios for Successful Ageing
205	MANAGING HEALTH BIG DATA IN GREECE
342	WAVE PHENOMENA IN MULTI-PARTICLE FLOWS: FROM INANIMATE TO ANIMATE MATTER
530	User-centric network and service management for mobile immersive services
626	Cloud-based Music Information Research for Beginners & Experts
666	Bridging the gap among labor and educational markets by enhancing standards with semantic web technologies
751	Artistic Computing Technologies in Open Science
790	Searching the cyclicity of shipping business through Sentiment Indicators
828	Neurodynamical models of opinion formation, macroscopic social dynamics and influence diffusion in socio-technical systems
829	Applications of the risk process in non-insurance field
852	Modelling & Solving Advanced Vehicle Routing and Scheduling Problem Involving Environmental Considerations
975	Optimal Aggregation of Models and Information Sources under Uncertainty for the Construction of Global Models and Applications
1158	Real-World Semantic Navigation enhanced with Augmented Reality for Personalized Cultural Heritage Sightseeing
1200	A Novel Framework Implementing Digital Forensics in Health Care Organizations
1567	Inverse Problems In Underwater acoustic Transmission
1586	Static Analysis of Modern Dynamic Language Features
1737	Operator Algebras Associated to Semigroups
2072	Multigrid methods for structured matrices and High Performance Preconditioners
2077	Intelligent Energy Management using IoT technologies
2102	Optimality Criteria and Majorization in Experimental Designs
2110	Designing Novel Linear Programming Methods for Improving Approximate Solutions to Algorithmic Problems
2205	Collaborative Serious gaming online PLatform As a service in the IoT domain
2359	RISK MEASUREMENT AND RISK ANALYSIS
2362	Ensuring integrity protection for next generation big data repositories in a distributed, fault-tolerant manner.
2364	Theoretical Aspects of Computational Social Choice and Decision-making.
2366	ΜΟΝΤΕΛΑ ΨΗΦΟΦΟΡΩΝ ΜΕ ΤΟΠΙΚΗ ΣΥΓΚΛΙΣΗ ΚΑΙ ΠΑΡΑΜΕΤΡΟ ΕΜΠΙΣΤΟΣΥΝΗΣ
2368	Using Big Data for Personalized Augmented Cultural Suggestions
2378	AutoSML: A web expert system for big data analytics combining parallelization and high performance computing with statistical and machine learning algorithms
2393	a PRoject on Drone-based multiple Access neTwORks in 5G era
2475	Mathematical Estimates on Big Data with Applications on Crisis Management and Surveillance
2511	Mathematical Logic and Applications to Algebra and Theoretical Computer Science
2535	Lanchester's combat model in business competition
2611	Statistical Almost Uniform Convergence of Fourier Series, Weak Uniform at a point convergence of Trigonometric Series and Composition Operators.

ΣΤ. ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ «Κοινωνικές Επιστήμες»

Σύμφωνα με τον παρακάτω Προσωρινό Πίνακα Κατάταξης και λαμβάνοντας υπόψη το διαθέσιμο προϋπολογισμό της δράσης και τον προτεινόμενο προϋπολογισμό ανά πρόταση, προβλέπεται να χρηματοδοτηθούν **έως 28 προτάσεις**.

Επισημαίνεται ότι με βάση τον Οδηγό Εφαρμογής της δράσης, προτάσεις που έχουν λάβει συνολική βαθμολογία μικρότερη των 60 μονάδων αποκλείονται από τη χρηματοδότηση.

ΣΤ1. ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: ΣΤ. Κοινωνικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική βαθμολογία
944	Beyond the "refugee crisis": investigating patterns of integration of refugees and asylum seekers in Greece	96,5
883	Censorship in Film and Visual Arts: The Greek experience from the post-war years to the present	96
408	The politicization of European integration in the Greek public discourse, 1975-2017	95,5
1439	Cognitive, psychoemotional and neuroimaging predictors of disease progression in the early stages of Multiple Sclerosis	95
538	Improving Stroke care in Greece in terms of management, costs and health outcomes	94,5
198	Digitizing the Cappadocian Dialectal Landscape	94
2284	Center for Feminist Public Practice	94
579	From Grexit to Brexit: Interrogating notions of mobility and belonging in Greece and the UK	93,5
1656	LEARNING, TEACHING AND LEARNING TO TEACH IN GREEK AS A SECOND/FOREIGN LANGUAGE: EVIDENCE FROM DIFFERENT LEARNING CONTEXTS	93
1396	ARCHAEOLOGY, TOURISM AND ISLAND COMMUNITIES: Reception, Conceptualisation and Appropriation of Archaeological Record in Island Greece	92,5
1786	Development of an Innovative Traceability System for Controlling Food Safety in Sustainable AgriFood Supply Chains	92
2377	Corruption and state-corporate crime: the example of the health sector	92
2610	?Perspective of Agroforestry in Thessaly region: A research on social, environmental and economic aspects to enhance farmer participation?	92
653	GENETIC SCREENING IN ASSISTED REPRODUCTION: LEGAL AND ETHICAL ISSUES	91
685	Forest maps «in process». The social construction of environmental regimes	91
843	Estimating Seasonal Population via Night-Time Satellite Images.	91
2632	Consumerism in a period of economic crisis: Consumption practices and forms of governance	91
729	Ethnography and/as hypertext fiction: representing surrogate motherhood	90,5
794	Merging Complex Financial Interactions with Portfolio Construction Techniques	90,5
1548	Growing and Enabling Information Technologies for Online Neighbourhoods: Implications and Applications	90,5
1608	Post-war transformation of Thessaloniki and the fate of the Jewish assets	90,5

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: ΣΤ. Κοινωνικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική βαθμολογία
1968	Biological Metaphysics: Understanding Developmental Mechanisms	90,5
1454	Hoaxes και διασπορά ψευδών ειδήσεων ? Έρευνα για την (αν)ασφάλεια των ψευδών ειδήσεων μέσω διαδικτύου και την οικονομοτεχνική διάσταση του φαινομένου ? Νομική αντιμετώπιση και de lege ferenda	90
1926	Understanding, measuring and monitoring children's welfare: An action plan with ?The Smile?	90
2329	Optimal Policies and Decision Support Tools for Multi-echelon Distribution Networks with Cross-docking	90
242	Firms and Competitiveness: A Novel Database of Greek Exporters and Innovators	89,5
1391	Comparative Analysis of Short-term and Long-term rentals in Attica based on Big data	89,5
1605	Impact of online anti-vaccination content on parents' beliefs, attitudes and behavior toward vaccination. Development of an online pro vaccination campaign.	89,5
300	Greek - Chinese Bilateral Trade Relations: A Spatial Analysis of the New Dynamics	89
1949	The legal-political dimension of the phenomenon of 'black' economy. Tackling the phenomenon and prospects.	89
890	Critically connected: A regional platform for historically-informed telecommunications networks policy and user empowerment	88,5
1571	The Greek Innovation HUB	88
2379	Firms' Investment Decisions and Consumers' Search Choices in the Fixed Broadband Market	88
1233	Representation Crisis and Electoral Democracy in Harsh Times: The Case of Greece in the Southern European Context	87,5
1559	«Εθνογραφικές μέθοδοι και οπτικές τέχνες στην Ελλάδα την εποχή της κρίσης: η περίπτωση των αρχαιολογικών χώρων και μνημείων»	87,5
1114	The topography of the orthodox underworld: A morphological study of the visualized afterlife	87
1430	Towards action-understanding: Mapping brain regions' activation during theatre spectatorship using functional magnetic resonance and positron emission tomography.	87
2430	The utilization of political marketing in Greece during the period 2008-2020. Actions, changes and challenges. The participation in political competition and the involvement in politics throughout political marketing and communication.	87
344	Gamifying a psychological intervention for youth with chronic physical illnesses: an Avatar-assisted application	86,5
887	A comparative study on the national constitutions of Europe and South America: Is the cooperative identity preserved	86
2489	Using the information content of derivatives markets for asset pricing and prediction	86
2642	Effect and Reflection of the Port Industry to National and Regional Economies: A Composite Indicator Approach	85,5
141	Market-Scale Ethical Consumerism: Economic, legal, and environmental aspects of compulsory gradient product labeling for societal concerns	85
708	Innovating in health care organizations: the role of research centers	85

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: ΣΤ. Κοινωνικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική βαθμολογία
844	The Refugee State: a Century of Managing displaced populations in Greece (1922-2015)	85
927	Relative deprivation in times of crisis: A comparative study of employees in low pay/status jobs	85
2587	Debating Media in the context of the Greek 'crisis': Intersecting 'normalities' and opposing 'realities' among the Press, politics and the people	85
2154	Why Does Strategy Execution Fail? Configurations of Implementation Tactics and the Role of Social and Broader Context	84,5
235	From the "right to the city" to the "right to nature": Exploring environmental movements in the era of the Anthropocene as pathways to social-ecological sustainability	84
326	In the limits of contemporary art: theoretical framework and workshop practices of a 'paradigm'.	84
1088	Emotional Appeals in advertising: The role of gender and social desirability	84
1144	Investigating and Enhancing Economic and Legal Governance in Air Transport and Tourism to Promote Seamless Sustainable Development in Greece	84
2346	Modeling a scientific research-friendly legislation as a solution to the brain drain phenomenon	84
1333	Mathematics and Physics Inferences and Evidence in School Complex Systems	83,5
1491	Digital media and Language Teaching: Towards a Holistic, Critical Multi-Layered Approach and an Overall Pedagogical Design	83,5
1674	Statistical Tests for Stochastic Dominance	83,5
463	Phenomenological Critique and Grounding of Neuroaesthetics	83
725	Νοσοκομεία, νεωτερικότητα και η κατασκευή της εθνικής ταυτότητας (1832-1945)	83
2304	Heterodox economics project for the Greek economy	83
2638	'The global effects of the Fed's unconventional monetary policy on investors' expectations and macro-environment?	83
904	Greek Foreign Direct Investment and the impact of the institutional framework as a determinant: a comparative analysis of the pre-crisis and the crisis era.	82,5
1196	Spreading the word about feedback: A systematic review and a web portal to enhance feedback practices in adult and higher education contexts	82,5
2107	Cognitive and Verbal Abilities in Children with ADHD: An intervention study	82,5
2318	Globalisation Reloaded: China's competitive and complementary connectivities in the Eastern Mediterranean and the Balkans	82,2
57	Transforming parenthood. Discourses, practices and experiences of parenting in Greece (1950s-2010s)/ Μετασηματισμοί της γονεϊκότητας. Λόγοι, πρακτικές και εμπειρίες γύρω από την «τέχνη του γονέα» στην Ελλάδα (δεκαετίες 1950-2010)	82
291	The development of a predictive model for university students' mental health and academic procrastination	82
457	Joint effects of psychological and biological indicators on doped and clean athletes' doping related cognition	82
1300	Rail Infrastructure Re-Appropriation & Regional Innovation in Greece	82
1388	Dis/ability and education in Greece: Disabling assumptions, alternative enactments, critical pedagogies	82

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: ΣΤ. Κοινωνικές Επιστήμες		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική βαθμολογία
1390	Harnessing the social dynamics of digital media to professionally empower prospective pre-school educators: the Pres.Ed network of practice	82
1466	Digital publics: The entrepreneurial self and the home-sharing economy of Airbnb in contemporary Greece	82
2122	Measuring Economic Policy Uncertainty in Greece	82
2672	Community Interpreting in Greece: a Holistic Approach of the Interpreting/Intercultural Mediation Services A System in Asylum Processes, Courts, Hospitals, Psychotherapeutic Sessions and Schools, and of the Training of the Involved Interpreters/Mediators	82
2494	Reform of Greek Adult Protection Law: Promoting Autonomy of Mentally Disabled Elderly	81,5
50	Can't Stand Grasping? Sensorimotor Control in Ageing	81
262	Towards a paradigm shift in History, Philosophy and Science Teaching: From Nature of Science (NOS) to Nature of the Sciences (NOTSs)	81
1498	The Airbnb short term rentals in Greek urban space: Economic, social and spatial effects	81
1792	Simulations in Management Education: Development of Dynamic Learning Analytics (DLA)	81
2455	In Search of Sustainable and Innovation-Intensive Economic Growth. Understanding the Innovation-Capability of the Greek Defence Industry	81
2182	Identifying the strategies of innovation for high business performance in the agri-food sector: The moderating role of business environment	80,5
2219	Innovation and Stigma A perspective from Greece on the relationship between biomedical and psychosocial models of mental illness	80,5
548	Normative Economies, Biopolitics of Exception and Subjectivation: the example of the current Greek economic crisis	80
1307	Dynamics of Euroscepticism: A big-data, computer-assisted analysis of emotional states towards the European Union in the Greek public discourse	80
1383	Διερεύνηση της σχέσης μεταξύ της γλωσσικής επεξεργασίας και των εκτελεστικών λειτουργιών. Μία μέθοδος παρέμβασης σε αναπτυξιακές και επίκτητες διαταραχές.	80
1704	Intuitions, Reasoning & Decision-Making	80
1732	Green Neoliberalism: From Limits and Revisionist Critique to Vital Alternatives (VitAl)	80
1832	Creative Action as a Response to Loss	80
2375	MACRO-PRUDENTIAL MONETARY POLICY & FORECASTING IN THE AFTERMATH OF THE GLOBAL FINANCIAL CRISIS	80
2664	Actual Share Repurchases in Greece	80
1746	Re-Location of Possibilities: Action Research strategies on local participatory development, the case of Sparta	79,5
219	Banking Efficiency in European Financial Sector	79
255	NEUROeducational PROgramming Skills Enhancement	79
1900	Gamification: a reliable, valid and attractive method in employee selection	79
1531	Blue Growth and Blue Leadership in Greece: evaluating the role of Marine Research Centers as Stakeholders	78

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ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ ΣΤ. Κοινωνικές Επιστήμες ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β΄ ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
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54	Where Spirituality meets Healing: an Anthropological Analysis of Alternative Therapies in Athens, Greece
80	Το νομικό πλαίσιο της ένταξης των προσφύγων στην Ελλάδα και την ΕΕ: προτάσεις για νομοθετικές ρυθμίσεις αναφορικά με την ένταξη των ευάλωτων κοινωνικών ομάδων στην ελληνική κοινωνία
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271	Crisis and Uncertainty in the Administered Society. Challenges for Democratic Theory in the 21st Century
278	Religious coping, religious rights and inclusion of migrants and refugees in Greece
304	Research on the Athens Conservatoire's History through Educators' and Learners' trajectories (1910-2010)
362	Participatory Criminal Policy: Collective Action, "local knowledge" and Environmental Legislation in Greece and Turkey, a comparative study
385	STRUCTURE WORK - UNEMPLOYMENT IN GREECE THE DECADE 2007-2016
391	EU energy policy in theory and practice: An assessment of institutional and individual determinants
392	Degradation of Excavation findings through Licensed highly polluting activities emitting in a Triangular setting along the urban Area of Heraklion
422	Ανώτατη Εκπαίδευση: Η διδασκαλία της Φυσικής Αγωγής στη Σχολή Επιστήμης Φυσικής Αγωγής και Αθλητισμού του Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών κατά την περίοδο από την ίδρυση του ελληνικού κράτους μέχρι το 2013, με έμφαση στο χρονικό διάστημα 1964-2013.
436	Consumer Adaptation Strategies to Climate Change: The Power of Defaults, Norms and Affect
563	Appraising Differentiated Instruction in Diverse State School Contexts
567	Development and Implementation of an Accessible Web Portal for Disabled People seeking Tourism/ Leisure-related Services in Greece.
737	Prevention and treatment of depression and anxiety: a self-help guide for adolescents
768	'Identity Between the East and West and the Two Nobel Prize Winners Project'
770	Does Participation in Outdoor Sport Events influence Individual Well-being and Social- welfare? A Study on Outdoor Running Events in Greece.
800	Euroscpticism and Anti-Europeanism in Greece
1130	Interculturalism and Immigration Issue
1421	Mass reading events. online and offline reading communities and their impact on society
1465	The Smart Cities concept: An holistic approach investigating critical Resources and Capabilities
1477	Η πτώχευση του 1893 και η υπαγωγή στον Διεθνή Οικονομικό Έλεγχο του 1898. Θέσεις και αντιθέσεις στον ελληνικό Τύπο
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1558	The question of Greek individualization in the work of Stelios Ramfos.

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ ΣΤ. Κοινωνικές Επιστήμες ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
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1634	The actors of the Greek crisis: resources, preferences and power relations in governing
1717	Η προπαγάνδα εν καιρώ κρίσης. Διερεύνηση του περιεχομένου, της πρόσληψης και των επιδράσεων της ενημέρωσης για την οικονομική κρίση στην Ελλάδα
1738	An Interpretive Phenomenological Analysis of the users of Deep Web and Dark net
1739	Challenges for the public health system because of refugees and immigrants
1935	Greece and China from antiquity to the present day: Cultural perception and interaction
2030	The study of the use of asynchronous, interactive web-based course delivery for the purpose of enhancing learning experiences for the subject of history at the high school level
2051	The role of publicly-held beliefs about economics in shaping voting behavior: the cases of Greece and UK
2075	Promoting Innovative SMEs: A Holistic Approach Towards a Sustainable Growth of the Greek Economy.
2159	Parameters of school readiness and smooth transition between educational grades (Παράμετροι σχολικής ετοιμότητας και ομαλής μετάβασης από τη μια βαθμίδα εκπαίδευσης στην επόμενη)
2169	Public Revenues and International Relations in Southeastern Europe (19th-21st century)
2203	Aspects of crisis in the Western Medieval world: the transformations of the social and the political in Medieval Europe
2268	Visual impact assessment using EyE Tracking into Altered Landscapes: A virtual reality simulations: the case of mining and renewable energy sources technical projects in mountainous Greece
2301	Greek Food Culture and Society: A Survey on Visitors' Attitudes, Health and Local Foods
2307	Teaching methodology of the lesson of Writing-Comprehension in High-school with the use of New Technologies and Multimedia
2332	Modelling Dementia Communities
2360	REFUGees and RIGHTS. ('Human Rights and narrative persuasion as a means of approach to the refugee issue. Perceptions of teachers, students and parents')
2407	Research on the refugee-immigration issue in the North Aegean islands ? Scientific investigation of local societies' perceptions regarding the acceptance and actual solidarity towards refugees - immigrants - Evaluation of State effectiveness
2472	Political nihilism versus political enlightenment: identifying room and ways for improvement in the Greek political system through philosophical training of political personnel and leadership (φύλακες)
2496	ΓΛΩΣΣΙΚΗ ΕΠΑΦΗ ΜΕΤΑΞΥ ΕΛΛΗΝΙΚΗΣ ΚΑΙ ΑΓΓΛΙΚΗΣ ΓΛΩΣΣΑΣ ΣΤΟ ΔΗΜΟΤΙΚΟ ΣΧΟΛΕΙΟ ΔΙΑΠΟΛΙΤΙΣΜΙΚΗΣ ΕΚΠΑΙΔΕΥΣΗΣ ΑΛΣΟΥΠΟΛΗΣ ΑΘΗΝΩΝ
2543	Η άνοδος του εθνικισμού στον ευρωπαϊκό χώρο. Ομοιότητες και διαφορές των εσωτερικών και συστημικών παραμέτρων που διαμόρφωσαν το φαινόμενο στον μεσοπόλεμο και το ανατροφοδοτούν την μεταψυχροπολεμική περίοδο.
2577	PROPOSITIONS FOR UTILIZATION OF IMMIGRATION IN THE DEVELOPMENT OF GREEK ECONOMY
2578	Η χρήση των Τεχνολογιών Πληροφορικής και Επικοινωνιών (Τ.Π.Ε.) ως μέσο επίτευξης των στόχων του επιχειρηματικού μοντέλου και υποβοήθησης της λειτουργίας των Κοινωνικών Επιχειρήσεων.
2625	The integration of refugees in Greek society, through cultural participation. Cultural Rights, and Ancient Greek Drama. A human rights based research.

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ ΣΤ. Κοινωνικές Επιστήμες ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
Αριθμός Πρότασης	Τίτλος
2650	ULTIMATE CAUSATION BETWEEN NATIONAL PUBLIC AND FINANCIAL DEFICIT AND EU LEGITIMACY DEFICIT. ERRONEOUS PAST GREEK POLICIES, ERRONEOUS PRESENT EU POLICIES
2706	Η κατανόηση της αντιληπτικής διεργασίας μιας φωτογραφικής εικόνας ως προς τη συμβολή του ψυχικού ύχνους στη διαμόρφωσή της.

Ζ. ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ «Ανθρωπιστικές Επιστήμες (και Τέχνες)»

Ζ1. ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ

Σύμφωνα με τον παρακάτω Προσωρινό Πίνακα Κατάταξης και λαμβάνοντας υπόψη το διαθέσιμο προϋπολογισμό της δράσης και τον προτεινόμενο προϋπολογισμό ανά πρόταση, προβλέπεται να χρηματοδοτηθούν **έως 15 προτάσεις**.

Επισημαίνεται ότι με βάση τον Οδηγό Εφαρμογής της δράσης, προτάσεις που έχουν λάβει συνολική βαθμολογία μικρότερη των 60 μονάδων αποκλείονται από τη χρηματοδότηση.

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Ζ. Ανθρωπιστικές Επιστήμες (και Τέχνες) ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
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2049	The political function of Greek Military Justice: Special Martial Courts 1949-1951.	95
2388	Spatial Dynamics and Settlement Patterns in Eastern Crete from the Classical to the Venetian Period	95
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ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Ζ. Ανθρωπιστικές Επιστήμες (και Τέχνες)		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
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2337	Revealing Emotions in the Hippocratic Corpus: towards a Digital Ciusualisation	88
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ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Ζ. Ανθρωπιστικές Επιστήμες (και Τέχνες)		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
2478	Exploring Professionalization in Science, Technology and Medicine in Greece, 1870-1940: Adopting and Extending Ontologies and Semantic Technologies to Develop a Virtual Research Environment to Support Historical Research and Argumentation	88
2554	Study and Critical Edition of unpublished Byzantine Hagiographical Texts	88
822	ASPECTS OF THE BYZANTINE SOCIAL HISTORY	87
107	Humour in Vergil's Eclogues	85
1045	Prophecy, Time and Emotions in Herodotus' A Historical Narrative and Sophocles' A Tragic Performance	85
2081	The social life of ceramics: production, trade and consumption of pottery in Early Iron Age and early Archaic Aegean	85
2403	Museum Studies and Image Theories: A Transdisciplinary Approach	85
210	World War II and the Greek industrial enterprises 1935-1945	84
971	Visual discourse of the Marshall Plan in Greece (1948-1952). Practices-Communication-Ideology	84
1231	The development of Cypriot shipping and its importance for the Greek-owned and European fleet in the second half of the 20th century	84
1004	Wheat, flour, bread: production, availability and consumption in Piraeus (1922-1963)	83
1358	Poetry in Music: Charting an Unexplored Territory of Inter-artistic Heritage	83
2033	SACRIFICING WEALTH: ANIMALS AND THE CEREMONIAL LIFE OF EARLY FARMERS	83
10	Orthodox Environmental Transfiguration	82
2208	Health, Eugenics and Human Experimentation: The Dark Side of the History of Medicine and Biology	82
2622	Involuntary hospitalization in Thessaloniki: Rates and context of application	82
6	Neanderthals Language	80
72	Literature's Trans-historical and Trans-cultural Value from Aristotle to Postmodernism	80
553	Tracing the Identity of the Greek Contemporary Dance Scene, in the 21st century: Influences, Trends and Choices.	80
1866	Society and worship, the role of women in the Orthodox Christian worship since the founding of the Church to our days. Social and theological approaches.	80
2139	Everyday Violence in an Age of Transition (5th ? 10th Centuries). New Perceptions on Victims, Perpetrators, and Urban Life.	80
709	Automated Evaluation of Students' Argumentative Essays in Greek	79
2493	Knowledge, Virtue, and Happiness in Plato's Early Dialogues	79
318	From a Room of Her Own to Glocal Outwardness: Towards an Archeotopology of Greek Women Poets From the Interwar Period to the Present	78
827	Ιστορία του ελληνόφωνου κόσμου	78
1957	Visual analysis of byzantine and post byzantine manuscripts using non invasive methods	78
841	Ancient Quakes: towards reliable seismic hazard assessment by revisiting ancient Greek sources and contemporary evidence	77
1197	Examining the influence of timbre on the formation of extra-musical semantics	77

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Ζ. Ανθρωπιστικές Επιστήμες (και Τέχνες)		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
2280	WAR AND SOCIETY: THE SOCIETY OF CONSTANTINOPLE AND THE EVERYDAY LIFE OF ITS CITIZENS DURING THE LAST HUNDRED YEARS OF THE BYZANTINE STATE (MID. 14TH ? MID. 15TH CENTURY)	77
76	Societies beyond the Mycenaean World. Understanding the Social and Political Transformations in Macedonia, Greece, during the Late Bronze and Early Iron Ages	75
526	Semantically-enabled MUsic Research inFrastructure	75
847	Byzantina Stratiotika	75
960	Archaeoacoustic Research on Caves dedicated to Pan and the Nymphs in Attica (Parnitha ? Vari): Exploring the Contribution of New Technologies to Caves' Management and Promotion as well as the Effects on Socio-cultural and Economic life of Local Communities	75
1005	Roman Bioarchaeology: Political power, religion and the bioarchaeology of status in Roman Greece.	75
1253	Technopolitics in Greece: Connecting the History of Technology to Political History	75
1517	Pleonastic morphology in Modern Greek varieties	75
2187	The Ancient Greek City in a Regional and Comprehensive Examination	75
2315	Seventh-Century Philosophical Terminology at the Threshold Between Late Antiquity and Byzantium: Maximus the Confessor	75
2392	The Emergence of Copper and Iron Technology in Northern Greece from the Late Neolithic to the Early Iron Age (6th-1st millennium BC)	75
943	Ruler and Ideology in Legal Literature (1261-1453 AD)	73
233	INTERDISCIPLINARY APPROACH IN MEDICINAL ARCHAEOLOGY	70
564	"Echoes of the past': A model of research and methodology for revealing the sonic environment of the past and reintroducing it in a public open-air ec(h)o-museum of non-tangible sound exhibits, including in-situ historical soundscape representation. Case study: 'Echoes of The Old Town of Corfu'.	70
644	"Performance in Byzantium: Verbal and Non-Verbal Cultural Expressions and Practices'	70
2260	The Kurdish Nationalist Movement and the Greek State, 1918-1923	70
1069	The Intake of Western Art Music in 21st Century Greece- An In-depth Investigation and Cultural Management Proposal for Audience Development	68
5	Other Mycenaean and Western Greece as the Middle Ground: A study of strontium and sequential stable isotopes measurements from Late Bronze Age burials in western Greece to investigate locality, mobility, and identity in a meta-theory frame.	67,5
70	The Strategies of the Greek Printed Books in the Early Modernity (1509-1821). Mapping the Peritexts.	65
1122	Reforming legislation in Greece as to the Diagnosis of Drug Addiction by court experts	65
1775	Egypt, Cyprus and the Aegean: Networks of religious materiality and ideology, 11th-6th cent. BC	65
2018	Knowledge and skepticism	65

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ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
2044	Μεταξύ σεβασμού και αποστρόφής: Η πρόσληψη της Γερμανίας στον ελληνικό δημόσιο λόγο από τον Νεοελληνικό Διαφωτισμό έως το τέλος του Ψυχρού Πολέμου	62
2291	Carlo Goldoni and the Commedia dell'Arte in Venetian opera of the 18th century: The Eighty Librettos. Virtual representation of masks of Commedia dell'Arte: comparative - historical approach to the ancient Greek and Roman masks.	62
1698	The moral potential of natural beauty: love and creativity in the aesthetic judgment	61
1888	The Notion as a logical mediator in the context of philosophical theology. A groundwork research on metaphysical and religious views on the basis of Hegel's conception of the Notion and its realizations.	61
2264	UGLINESS: ASPECTS, REPRESENTATIONS, AND PERCEPTIONS OF THE BODY IN ANTIQUITY	61
104	Exploring diet, climatic conditions and mobility: A multi-stable isotope approach on ancient human remains from various sites of Greece	60
274	Spatial language in Greek: A developmental and historical perspective	60
1346	Implicit and Explicit Prosody, Punctuation and Pragmatic Competence in School-aged Children and Adolescents with ASD: A Missing Cue for Reading Comprehension	60
1356	Didactics of Translation. Translated texts in Context	60
1950	Street Art: Is Medium the Message? Social and Political Critique in Greek and Australian Street Art. Convergence and Divergence in a Global Art-Scape.	60
2395	Integrative Modelling of Music Information and Cognition	59
315	Live Electro-Instrumental Music Research	58
1381	War and Resistance Monuments in Greece: documentation and historical interpretation of the most important public monuments 1945-2000	55
1509	Landscape Analysis for Cultural Tourism	55
1723	Aspects of the musical phenomenon in the Evros region of Greek Thrace: a synchronic interdisciplinary study	55
1818	Historical Inks: determination of a non destructive imaging methodology protocol for a routine archival material testing and conservation decision making.	55
2179	Οικολογία και Περιβαλλοντική Ηθική: ηθικές, πολιτικές, οικονομικές και παιδευτικές προεκτάσεις	55
2689	Encyclopaedic Prosopographical Lexicon of Pontic Greeks	55
2123	Multisensory Learning Applications for Byzantine Music	53
1716	Spatial Features of Ottoman Urbanism in the Balkans and its Future Potentials: The case of Ioannina city (1611-1913 A.D.)	48
1445	Παράνομος Τύπος, Λογοκρισία και Αντιπροπαγάνδα στην Ελλάδα της Κατοχής Greek Underground Press, Censorship & Antipropaganda during WWII	45
2629	Novel Approach to the Phenomenon of Creativity-Moral Correlations	45
2355	Trans-Aegean Travels of Cultural Memory: Texts of the Greek Turkish Population Exchange Remediated in Translation	44
1621	The Greek-Turkish War of 1897	40

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ: Ζ. Ανθρωπιστικές Επιστήμες (και Τέχνες) ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
845	Ιστορία της Ελληνικής Ανακύκλωσης. Από την προϊστορία στη σύγχρονη εποχή (20ος αιώνας)	25

22. ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β΄ ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Ζ. Ανθρωπιστικές Επιστήμες (και Τέχνες) ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β΄ ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ		
Αριθμός Πρότασης	Τίτλος	
4	Development of a non-destructive artwork assessment apparatus which can distinguish between paintings made by artists with nearly identical characteristics. Case study: N Koutouzis and N Kantounis of Zakynthos Museum.	
139	Digital Identity and Text Annotation of Modern Greek Enlightenment	
293	The decision of Greece to involve in the Korean War. Diplomacy, International Relationships and Military Operations	
404	Early Christians as Citizens of the Roman Empire	
504	Historical approach of the electoral results for the parliamentary and by-elections from 1946 until 2015 with the creation and exploitation of a geographic information and mapping system (GIS&M)	
618	Edition and translation of the unpublished manuscript of Theodore Metochites on the Aristotle's 'De Anima' (On the Soul)	
678	Foreign Policy and development: the case of Thrace (1974-2001)	
731	Press and Literature in Greece (1870-1922)	
812	Ραφαήλ, opera et nummi: Αρχαία νομισματική εικονογραφία στο έργο του / Raphael, Opera et Nummi: Ancient Coin Imagery in his Oeuvre	
872	NANO-TECHNOLOGY AND ORIGIN OF TERRA SIGILLATA IN N/NW PELOPONNESE :an archaeometric study of terra sigillata sherds and their replicates	
1223	Trivialization of History during the debt crisis in Greece: trivia & practices.	
1364	Implicit and Explicit Prosody, Punctuation and Pragmatic Competence in School-aged Children and Adolescents with ASD: A Missing Cue for Reading Comprehension	
1370	Silk Routes in Diachrony: Past and Present Topoi of East-West dialogues across Eurasia	
1399	THE ORIGIN OF EARLY GREEK SCIENCE AS A CONCEPTUAL CHANGE IN THE SOCIO-POLITICAL CONTEXT OF IONIAN CITIES: FROM THE ARITHMETIZATION TO GEOMETRIZATION OF THE CONCEPT OF SPACE IN SIX CENTURY B.C. MILETUS BY THALES	
1602	Refugees and Immigrants in the ancient Greek world	
1618	Art Experiences of Individuals with Visual Disabilities	
1796	Documentation and study of folklore museums in Greece and development of information technology applications for their visitors	
1827	Small Worlds in Late Bronze Age Saronic Gulf: Investigating community practices and social strategies in the cemeteries of Athens, Vari, Salamis and Kolonna (Aegina)	
1844	The Poet in the Marketplace: Dionysios Solomos as an Estimated Cultural Value (Archival Research in Journals and Periodicals of the Late 19th and Early 20th Century Period)	

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Ζ. Ανθρωπιστικές Επιστήμες (και Τέχνες) ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
Αριθμός Πρότασης	Τίτλος
1917	ΑΠΟ ΤΟΝ ΟΥΜΑΝΙΣΜΟ ΣΤΗ ΝΕΩΤΕΡΙΚΟΤΗΤΑ: ΟΙ ΠΟΛΛΑΠΛΕΣ ΤΥΧΕΣ ΤΟΥ ΠΛΟΥΤΑΡΧΟΥ ΣΤΟΝ ΕΛΛΗΝΟΦΩΝΟ ΧΩΡΟ (16ος-18ος αιώνας) ΠΟΛΙΤΙΣΜΙΚΗ ΙΣΤΟΡΙΑ, ΥΛΙΚΗ ΔΙΑΔΟΣΗ ΚΑΙ ΠΑΡΑΛΛΑΓΕΣ ΤΟΥ ΙΣΤΟΡΙΚΟΥ ΛΟΓΟΥ
2002	PHLYAKES: A new Critical Edition of the fragments accompanied with a Digital Map of ancient performance records and phlyax-related artifacts
2004	Η ιστορία της λατινικής και ιταλικής γραμματείας στις βιβλιοθήκες της Μακεδονίας κατά την Οθωμανική περίοδο (1400-1912)
2011	?Of Clays and Wine?. Production, Provenance and Trade of Mendeian-type of Transport Amphorae from Northern Greece: an interdisciplinary perspective
2236	The Work of the Mixed Commission for the Exchange of Greek and Turkish Populations
2425	?Three-dimensional digital representation of parts of the city of Ioannina during the Ottoman Period (1430-1913)?
2484	Disease and treatment in Greco-Roman world in the light of medical authors, papyri and inscriptions: Illness ? Healing ? Physicians ? Equipment and Facilities
2555	«Augustine and Monasticism: Approaching the Ascetic Thought in the West»
2665	The Legend of Atlantis in Proclus' Hermeneutical Approach: Theological, Philosophical and Scientific Interpretations (Ο μύθος της Ατλαντίδος στην ερμηνευτική προσέγγιση του Πρόκλου: Θεολογική, φιλοσοφική και επιστημονική προσέγγιση)
2685	“Περί Φύσεως Ιστορίαν”Α - Η κριτική της Ανάγκης στο έργο του Πλάτωνα

Η. ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ «Περιβάλλον και Ενέργεια»

Η1. ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ

Σύμφωνα με τον παρακάτω Προσωρινό Πίνακα Κατάταξης και λαμβάνοντας υπόψη το διαθέσιμο προϋπολογισμό της δράσης και τον προτεινόμενο προϋπολογισμό ανά πρόταση, προβλέπεται να χρηματοδοτηθούν **έως 14 προτάσεις**.

Επισημαίνεται ότι με βάση τον Οδηγό Εφαρμογής της δράσης, προτάσεις που έχουν λάβει συνολική βαθμολογία μικρότερη των 60 μονάδων αποκλείονται από τη χρηματοδότηση.

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Η. Περιβάλλον και Ενέργεια ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
710	Large-scale bioinformatic integration of sequence data for novel insights into microbial diversity and ecology	93,5
449	MESOpelagic fish: Biology, Ecological role and Distribution of a disregarded trophic link	93
862	Wastewater Treatment with High Yield Microbial Fuel Cell	93

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Η. Περιβάλλον και Ενέργεια		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1874	Determination of the self-healing capabilities of the Eastern Mediterranean Sea from accidental deep-sea oil releases	93
241	PREGO, text mining and data integration to elucidate ecosystem functioning: associating organisms and environments with biogeochemical and anthropogenic impact processes	92,5
1754	In Situ Soil Remediation by Non-Thermal Plasma	91,5
343	Effects of climate change and ocean acidification on marine gastropods	91,5
441	Establishment of a Monitoring Network and a web-based platform of Non-Indigenous Species in Major Ports of Greece	91
802	Bats and their relationship to water availability and quality in the the Mediterranean sub-basin.	91
1518	The role of ORganic Aerosols in Earth's climate system and human MortALity	90
38	APPLICATION OF MICROBIAL ELECTROCHEMICAL TECHNOLOGIES TOWARDS ADVANCED BIOFUELS PRODUCTION	90
409	Observatory of Air and Particulate Pollution over Greece	90
1928	Floating wetlands for marine water pollution control in Mediterranean Sea	90
711	Assessment of the impacts of biological invasions in the Aegean Sea trophic webs using an ecosystem modeling approach	90
125	Social INequalities - AIR QUALITY reciprocal relation at the intra-urban geospatial scale	89
1761	Nanomaterials for enhanced Quality of Life	88,25
373	Mapping Urban CO2 flux using Eddy Covariance and Earth Observation	88
1141	Impact of ecological light pollution on marine ecosystem functioning	88
2170	Agromining for nickel: Exploitation of abandoned and unproductive lands of Greece while optimizing ECOSystem services and minimizing environmental impacts of MINing.	88
1432	PARTiculate matter, Reactive oxygen And their Diverse OXidative potential-Health effects	87
811	IMPROVING CLOUD-ICE REPRESENTATION IN MODELS	86
337	CLIMATE CHANGE IMPACT ON GROUND LEVEL OZONE MIXING RATIO OVER MEDITERRANEAN REGION: THE OZONE CLIMATE PENALTY AND THE EFFECT OF THE ANTHROPOGENIC SOURCE CATEGORIES	85,5
601	Spatio-temporal study of particle physico-chemical properties and emission sources in Athens and implications for human health	85
1131	Air Pollution due to Agricultural Waste Burning: Primary Emissions and their Chemical Aging in the Atmosphere	85
2043	Macrofaunal Non Indigenous Species in 'hotspot' ecosystems: Diversity and ecosystem functions	85
2341	Sustainable management of waste mussel shells by the utilization of sewage sludge: Investigation of environmental friendly applications of new biosorption materials	85
739	Resolution of Human-Bear Conflict in NW Greece/Επίλυση της σύγκρουσης ανθρώπου-αρκούδας στη ΒΔ Ελλάδα	85
1260	Untangling the effects of desert dust mineralogy in environmental processes and human health	84

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Η. Περιβάλλον και Ενέργεια		
ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1525	Indoor air quality sensor network based on machine learning	84
458	Exploitation of fish-processing by-products for the production of high-added value products (collagen and fish oil) and renewable energy	83,5
554	Hydrometeorological multi-hazard monitoring and prediction through remote sensing observations: a cost-effective early warning applied in agriculture cultivation	83,5
88	Controlled microalgae cultivation for the production of high valued chemicals and fuels with the minimum water and carbon footprint	83
2402	Targeted Selection of CAP Measures for Effective Farmland Biodiversity Conservation. Is Landscape Heterogeneity the key? Constructing a five-step decision protocol	83
150	Climate chAnge EffectS on MediterrAnean touRism ? A human-biometeorological perspective	83
623	SATellite Based emission INventory over Europe	82
21	Application of Carbon-based Nanomaterials in Pathogen Removal from Aquatic Environments: Effects on Soil Cultivated Plants	81
176	INcipient SPECiation Triggers in fragile coastal habitats	81
2441	The Photosynthetic Water Oxidation: An experimental and theoretical investigation of the individual steps prior to O ₂ production	81
19	Assesing MULTiple Stressor Effects in Mediterranean Rivers	80
616	Atmospheric Deposition cHanges the Ocean Carbon cycle. Past, Today and Tomorrow	80
1151	Distribution and impact of MicrOplastic litter in Sandy beAches: from Crete to ecological paradigms	80
1415	Use of Emerging Technologies to Reveal Sea Turtle Resilience to Climate Change	80
1774	A holistic approach for the assessment of human thermal environment via advanced cross-scale atmospheric modeling in an urban Mediterranean agglomeration: dynamic simulations and future projections	80
2374	Novel microfluidic paper-based immunoanalytical device for point-of-need water quality monitoring	80
153	Atmospheric Dust effects on Climate, human Health and Energy production over the Mediterranean	79
1128	Middle Miocene Climate Optimum: the last global climate optimum at the terrestrial ecosystems of the Eastern Mediterranean.	79
1902	Decision Support System for the Environmental Land Use Planning in Greece	79
155	Methodological approach for confronting energy poverty through Climate Change and Sustainable Development policy interactions	78
1924	Integrated forest fires risk assessment through the implementation of exposure and effects analysis and the development of a decision support system for efficient fires management. Spatiotemporal monitoring, analysis and interrelation of fires phenomenon with potential underlying economic incentives	78
2380	IONIC LIQUID MEDIATED CAPTURE AND ELECTROCHEMICAL REDUCTION OF CARBON DIOXIDE TO CHEMICAL PRODUCTS	78
2608	average and Extreme Weather Associated with Renewable Energy resources in Greece	78
238	Dligital cameRa system for monItoring the sky Dome color for Air quality	77

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Η. Περιβάλλον και Ενέργεια ΠΡΟΣΩΡΙΝΟΣ ΠΙΝΑΚΑΣ ΚΑΤΑΤΑΞΗΣ		
Αριθμός Πρότασης	Τίτλος	Συνολική Βαθμολογία
1745	Integrating Meiofauna in sea Observation Systems: reconsidering current uses and exploring new aspects	76
2258	Development of tools and early warning system of drought in vulnerable areas under a changing context	75
95	Prediction of concentration probability distributions of hazardous airborne materials in urban environments	73
531	Effects of nanoplastics on natural plankton communities	72
2542	Sustainable management of wastewater for production of high value-added humified matter (green material) for environmental use.	71
698	Chemical interactions in a drop of water: defining the importance of allelopathy in microalgae	70
1834	Vertical Diffusion Coefficients and Technology for the East Med and Black Sea.	70
276	Synergistic Exploitation of Renewable Energy Sources and innovative cultivation systems to minimize CO ₂ -emissions and optimize sustainable Greenhouse production by Implementing Life Cycle Assessment	68
1162	Numerical wind resource assessment of Technical University of Crete	65
2439	INNOVATIVE PHOTOELECTROCATALYSTS AND PHOTOANODES BASED ON 3-DIMENSIONAL, ?BLACK TiO ₂ ?- PILLARED GRAPHENE DERIVATIVES, APPLIED INTO INTENSIFIED CO ₂ CAPTURE AND PHOTOCATALYTIC CONVERSION PROCESSES FOR CHEMICALS PRODUCTION AND RECOVERY	65
275	Investigation of sardine characteristics (<i>Sardina pilchardus</i>) of Kalloni Gulf (Lesvos, Greece) for its nomination as a Product of Geographical Indication	60
2557	Marine derived biomass modified for pollution cleaning under the frames of biorefinery and of sustainable circular bioeconomy	59

Η2. ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Η. Περιβάλλον και Ενέργεια ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ		
Αριθμός Πρότασης	Τίτλος	
33	Sustainable Small Scale Bioenergy Through Advanced Gasification Technology	
40	Designing a New Hazard Analysis and Preparedness Framework for Urban and Rural Communities	
96	Water, wind and sun as factors for sustainable agriculture and food security – The case of Evros region in Greece	
227	inteGrated risk Assessment of emerging pollUtAnts and consTructed wEtlands as a solution strAtegy	
231	Remote Sensing for biodiversity research and conservation in forest ecosystems in protected areas of Greece	
351	The role of environmental factors on invertebrates natural populations structuring	
372	The role of heliophysical variations on the earth's climate	
430	Solar radiation and energy assessment with the NOA-Meteorological Radiation Model	

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΕΡΙΟΧΗ ΕΡΕΥΝΑΣ Η. Περιβάλλον και Ενέργεια	
ΠΡΟΤΑΣΕΙΣ ΠΟΥ ΔΕΝ ΠΡΟΚΡΙΘΗΚΑΝ ΣΤΗ Β' ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ	
Αριθμός Πρότασης	Τίτλος
444	Development of a GIS-based platform for the assessment of the adverse volcanic impacts to environment and health
546	Mapping Greenhouse Gas emissions in Greek Agricultural Landscapes by Synthesizing Satellite and in Situ observations with model Simulations
596	INvestigating the Urban heat iSland Effect with cRowdsourcing
744	Quantifying the impact of Surface Solar Radiation variations on Evapotranspiration - The role of Aerosols over the Eastern Mediterranean
766	Securing competitive advantage from the sustainable exploitation of natural resources in offshore marine environments. A comparative study and inclusive framework for engagement, learning and innovation, regarding hydrocarbon extraction in Western Greece and the Ionian Sea
779	Sacred Forests and Social Media. Merging new technologies with classical conservation for Greece's bio-cultural heritage
1230	Valorization of residual biomass and waste streams for production of biogas via biological processes and upgrade of the gaseous composition with simultaneous production of biomethane and pure CO ₂
1297	Environmental investigation for assessment of radioactive elements pollution in the underground waters of Serres basin and a proposed low-cost methodology for an effective integral settlement.
1504	NATural aerosols and Health disorders: an Alarming connection
1756	Evaluation of Pollution Parameters and Implementation of Combined Methodologies for Polluted Soil Remediation
1965	Proposal of a NOvel Rotor configuration of a Tidal turbine through the experimental and computational study of blade roughness and biofouling on the Hydrodynamic behaviour of tidal turbines rotors.
2085	Application of Acoustic Indices as means of differentiation in urban biodiversity
2278	Identifying Bioindicators of Pesticide Pollution in an Agro-Ecosystem
2505	Solar resource and forecasting for large scale applications
2593	Wireless sensor network for urban environmental health monitoring
2657	Identification of a new way of local dish scoring based on the carbon footprint of each ingredient used; the example of Poros island, Greece.
2663	Title of Proposal: Reproduction, molecular characterization, antimicrobial and pharmaceutical (;) action aromatic-medicinal plants aimed at conservation and sustainable use
2682	Development of Win-Win Solutions for Mitigating Air Pollution and GHG Emissions in Urban Scale