

Név	Cím	Folyóirat neve	A pályázott összeg	Pénznem	A pályázat beadásának éve
Vajna Balázs	Succession and potential role of bacterial communities during <i>Pleurotus ostreatus</i> production	FEMS Microbiology Ecology	2813	EUR	2021.
Horváth Gábor	A new argument against cooling by convective air eddies formed above sunlit zebra stripes	Scientific Reports	1690	EUR	2021.
Salma Imre	Cloud activation properties of aerosol particles in a continental central European urban environment	Atmospheric Chemistry and Physics	1500	USD	2021.
Solti Ádám	Supraoptimal iron nutrition of <i>Brassica napus</i> plants suppresses the iron uptake of chloroplasts by down-regulating chloroplast ferric chelate reductase	Frontiers in Plant Science	2212	USD	2021.
Billes Viktor András	Condition-dependent functional shift of two <i>Drosophila</i> Mtmr lipid phosphatases in autophagy control	Autophagy	3500	USD	2021.
Zsély István	Comparison of methane combustion mechanisms using shock tube >> and rapid compression machine ignition delay time measurements	Energy & Fuels	4763	USD	2021.
Dr. Dosztányi Zsuzsanna	Mutations of intrinsically disordered protein regions can drive cancer but lack effective targeting options	Biomolecules	1751	EUR	2021.
Dr. Varga Máté	A new zebrafish model for Pseudoxanthoma elasticum (PXE)	Frontiers in Cell and Developmental Biology	2950	USD	2021.
Dr. Harangi Szabolcs	Tephrostratigraphy and magma evolution based on combined zircon trace element and U-Pb age data: Fingerprinting Miocene silicic pyroclastic rocks in the Pannonian basin	Frontiers in Earth Science	2950	USD	2021.

Dr. Málnási-Csizmadia András	Direct myosin-2 inhibition enhances cerebral perfusion resulting in functional improvement after ischemic stroke	Theranostics	2800	USD	2020.
Dr. Mátyus Edit	Non-adiabatic, relativistic, and leading-order QED corrections for rovibrational intervals of 4He^{2+} ($X_{2\Sigma u^+}$)	Physical Review Letters	3500	USD	2020.
Dr. Kovács Mihály	Phase separation by ssDNA binding protein controlled via protein-protein and protein-DNA interactions	PNAS (Proceedings of the National Academy of Sciences of the United States of America)	1700	USD	2020.
Dr. Tajti Attila	Diagonal Born-Oppenheimer corrections to the ground electronic state potential energy surfaces of ozone: improvement of ab initio vibrational band centers for the 16O3, 17O3 and 18O3 isotopologues	Physical Chemistry Chemical Physics (PCCP)	1920	GBP	2020.
Dr. Petrovay Kristóf	Towards an algebraic method of solar cycle prediction I. Calculating the ultimate dipole contributions of individual active regions	Journal of Space Weather and Space Climate	1000	EUR	2020.
Dr. Kardos József László	BeStSel: From Secondary Structure Analysis to Protein Fold Prediction by Circular Dichroism Spectroscopy	Methods in Molecular Biology	2170	EUR	2020.
Dr. Erdei Anna	Activated human memory B lymphocytes use CR4 (CD11c/CD18) for adhesion, migration, and proliferation	Frontiers in Immunology	2950	USD	2020.
Dr. Lőw Péter	The Role of Deubiquitinating Enzymes in the Various Forms of Autophagy	International Journal of Molecular Sciences	1000	EUR	2020.
Baloghné Dr. Kiss Gabriella	Compositional Variations of Titanite: A Possible New Tool for Cyprus-Type Volcanogenic Massive Sulfide Deposit Prospecting	Geosciences	114833	HUF	2020.
Dr. Tél Tamás	Climate change in a conceptual atmosphere-plankton model	Earth System Dynamics	1600	EUR	2020.

Dr. Andics Attila	COMPARATIVE BRAIN IMAGING REVEALS ANALOGOUS AND DIVERGENT PATTERNS OF SPECIES- AND FACE-SENSITIVITY IN HUMANS AND DOGS	Journal of Neuroscience	3210	USD	2020.
Dr. Karátson Dávid	Constraining the landscape of Late Bronze Age Santorini prior to the Minoan eruption: insights from volcanological, geomorphological and archaeological findings - Review Article	Journal of Volcanology and Geothermal Research	2370	EUR	2020.
Dr. Jánosi Imre	Why do biting horseflies prefer warmer hosts? Tabanids can escape easier from warmer targets.	PLoS One – Public Library of Science	1695	USD	2020.
Dr. Szabados Ágnes	Ring Coupled Cluster Doubles at the Multireference Level	The Journal of Chemical Physics	3500	USD	2020.
Dr. Bajtay Zsuzsanna	The differential role of CR3 (CD11b/CD18) and CR4 (CD11c/CD18) in the adherence, migration and podosome formation of human macrophages and dendritic cells under inflammatory conditions	PLOS ONE	1595	USD	2020.
Dr. Nyitray László	Structure determination of the transactivation domain of p53 in complex with S100A4 using annexin A2 as a crystallization chaperone	Structure	5200	USD	2020.
Dr. Császár Attila	W2020: A Database of Validated Rovibrational Experimental Transitions and Empirical Energy Levels of H2O-16	Journal of Physical Chemistry and Reference Data	2500	USD	2020.
Dr. Salma Imre	Fossil fuel combustion, biomass burning and biogenic sources of fine carbonaceous aerosol in the Carpathian Basin	Atmospheric Chemistry and Physics	1674	EUR	2020.
Dr. Jordán Tibor	Global Rigidity of Unit Ball Graphs	SIAM Journal on Discrete Mathematics (SIDMA)	2500	USD	2020.
Dr. Kubinyi Enikő	On the face of it: no differential sensitivity to internal facial features in the dog brain	Frontiers in Behavioral Neuroscience	2950	USD	2020.

Dr. Perczel András	Off-pathway 3D-structure provides protection against spontaneous Asn/Asp isomerization: shielding proteins Achilles heel	Quarterly Reviews of Biophysics Discovery	1580	USD	2020.
Dr. Pál Gábor	Ecotin, a microbial inhibitor of serine proteases, blocks multiple complement-dependent and independent microbicidal activities of human serum	PloS Pathogens	2350	USD	2019.
Dr. Méhes Előd	Enhanced endothelial motility and multicellular sprouting is mediated by the scaffold protein TKS4	Nature Scientific Reports	1490	EUR	2019.
Vácziné Dr. Schlosser Gitta	Overcharging Effect in Electrospray Ionization Mass Spectra of Daunomycin-Tuftsia Bioconjugates	Molecules	1700	CHF	2019.
Dr. Vellainé Takács Krisztina	The nucleoside diphosphate kinase NDK-1/NME1 promotes phagocytosis in concert with DYN-1/Dynamin.	FASEB Journal	2500	USD	2019.
Dr. Kubinyi Enikő	Age-related differences and sexual dimorphism in canine sleep spindles	Scientific Reports	1490	EUR	2019.
Dr. Tél Tamás	Tipping phenomena in typical dynamical systems subjected to parameter drift	Scientific Reports	1490	EUR	2019.
Dr. Pál Gábor	Novel MASP-2 inhibitors developed via directed evolution of human TFPI1 are potent lectin pathway inhibitors	Journal of Biological Chemistry	2000	USD	2019.
Dr. Kubinyi Enikő	Dominance as rated by owners corresponds to ethologically valid markers of dominance in dogs	PeerJ	1095	USD	2019.
Dr. Kubinyi Enikő	MRI, CT and high resolution macro-anatomical images with cryosectioning of a Beagle brain: creating the base of a multimodal imaging atlas	PLOS ONE	1595	USD	2019.
Dr. Haszpra Tímea	Ensemble-based analysis of the pollutant spreading intensity induced by climate change	Scientific Reports	1490	EUR	2019.

Vácziné Dr. Schlosser Gitta	An organic chemist's guide to electrospray mass spectrometric structure elucidation	Molecules	1800	CHF	2019.
Dr. Perczel András	Hydration shell differentiates folded and disordered states of a Trp-cage miniprotein, allowing characterization of structural heterogeneity by wide-line NMR measurements	Scientific Reports	1370	EUR	2018.
Supauer Beatrix	The red deer Cervus elaphus genome CerEla1.0: sequencing, annotating, genes, and chromosomes	Molecular Genetics and Genomics	2200	EUR	2018.
Dr. Kocsis Bence György	Black Hole Disks in Galactic Nuclei	Physical Review Letters	3000	USD	2018.
Dr. Kovács József	Assessment of the interaction between surface- and groundwater after the diversion of the inner delta of the River Danube (Hungary) using multivariate statistics	Anthropocene	2500	USD	2018.
Dr. Tajti Attila	Accuracy of coupled cluster excited state potential energy surfaces	Journal of Chemical Theory and Computation	4000	USD	2018.
Dr. Tél Tamás	Experimental demonstration of the water-holding property of three-dimensional vortices	Europhysics Letters	1400	EUR	2018.
Dr. Kubinyi Enikő	Demographic change across the lifespan of pet dogs and their impact on health status	Frontiers in Veterinary Science - Animal Behavior and Welfare	1900	USD	2018.
Dr. Gácsi Márta	Biologically Inspired Emotional Expressions for Artificial Agents	Frontiers in Psychology	492	USD	2018.
Dr. Kocsis Bence György	Compact object mergers driven by gas fallback	Physical Review Letters	1300	USD	2018.
Dr. Kocsis Bence György	Testing the Binary Hypothesis: Pulsar Timing Constraints on Supermassive Black Hole Binary Candidates	The Astrophysical Journal	890	USD	2018.
Dr. Müller Viktor	Variable effect of HIV superinfection on clinical status: insights from mathematical modeling	Frontiers in Microbiology	2655	USD	2018.

Dr. Kardos József	BeStSel: a webserver for accurate protein secondary structure prediction and fold recognition from the circular dichroism spectra	Nucleic Acids Research	2556	EUR	2018.
Dr. Kardos József	Local apoptotic-like mechanisms underlie complement-mediated synaptic pruning	Proceedings of the National Academy of Sciences, U.S.A.	1450	USD	2018.
Mádlné Dr. Szőnyi Judit	Integration of in situ experiment and numerical simulations to reveal the physicochemical circumstances of organic and inorganic precipitation at a thermal spring	Aquatic Geochemistry	2200	EUR	2018.
Dr. Karátson Dávid	Toward the reconstruction of the disappeared Late Bronze Age intra-caldera island of Santorini, Greece	Nature Scientific Reports	1370	EUR	2018.
Dr. Salma Imre	Wintertime hygroscopicity and volatility of ambient urban aerosol particles	Atmospheric Chemistry and Physics	1440	EUR	2018.
Dr. Kovács Mihály	Functional fine-tuning between bacterial DNA recombination initiation and quality control systems	Plos One	1495	USD	2018.
Dr. Gácsi Márta	Differences in pre-sleep activity and sleep location are associated with variability in daytime/nighttime sleep electrophysiology in the domestic dog	Scientific Reports	1370	EUR	2018.
Dr. Miklósi Ádám	Development and validation of the Canine reward responsiveness scale—Examining individual differences in reward responsiveness of the domestic dog.	Scientific Reports	1370	EUR	2018.
Dr. Zsákai Annamária	Ageing of bone structure and the risk of osteoporosis in the menopausal transition	Journal of Womens Health, Issues and Care	499	USD	2018.
Dr. Császár Attila	Experimental Energy Levels and Partition Function of the ¹²C₂ Molecule	Astrophys. J. Suppl.	1191	USD	2016.
Dr. Petrovay Kristóf	The Atlanto-Pacific Multidecadal Oscillation and its Imprint on the Global Temperature Record	Climate Dynamics	2200	EUR	2016.

Dr. Turányi Tamás	Development of a joint hydrogen and syngas combustion mechanism based on an optimization approach	International Journal of Chemical Kinetics	3000	USD	2016.
Dr. Schlett Katalin	Protein kinase D promotes plasticity-induced F-actin stabilization in dendritic spines and regulates memory formation	Journal of Cell Biology	300000	HUF	2016.
Dr. Nagy Péter	Stem cell-specific endocytic degradation defects lead to intestinal dysplasia in Drosophila	DISEASE MODELS AND MECHANISMS	2500	EUR	2016.