

Vědní oblast: Přírodní vědy, matematika a informatika

Číslo projektu	Název	Řešitel	Fakulta	Počet bodů - 1. posudek	Počet bodů - 2. posudek	Počet bodů celkem	Doporučen k financování
JG_2024_013	A good servant, but a bad master: brambles (Rubus L., Rosaceae) as a model for studies on apomixis and plant invasions	Mgr. Michal Sochor, Ph.D.	PřF	60	60	120	doporučen
JG_2024_036	Unraveling the role of polyamines metabolism and its impact on plant-pathogen interaction	Francisco Ignacio Jasso Robles, Ph.D.	CATRIN	60	60	120	doporučen
JG_2024_003	Characterization of tissue-specific epigenetic regulation of auxin transport during plant development	Mgr. Jakub Hajný, Ph.D.	PřF	60	60	120	doporučen
JG_2024_021	Indole-based compounds as modulators of aryl hydrocarbon receptor in the therapy of inflammatory bowel diseases	Mgr. Barbora Vyhlídalová, Ph.D.	PřF	58	59	117	doporučen
JG_2024_029	Solid-state detectors as a key to open new possibilities for applications of conventional Mössbauer spectroscopy	Mgr. Lukáš Kouřil, Ph.D.	PřF	60	60	120	doporučen
JG_2024_025	Illuminating Chemical Induced Resistance: Leveraging Light Stress to Reveal Protection against Biotic and Abiotic Stress	Mgr. Martin Hönig, Ph.D.	PřF	60	59	119	doporučen
JG_2024_023	Advancing room-temperature single-emitter sensing via photon statistics detection	Mgr. Robert Stárek, Ph.D.	PřF	60	58	118	nedoporučen
JG_2024_007	Nonlinear Quantum Motion of Atoms and Particles	Darren Moore, Ph.D.	PřF	57	60	117	nedoporučen
JG_2024_016	Machine-learning assisted in-flow tomography of living cells	Mgr. Jaromír Běhal, Ph.D.	PřF	57	60	117	nedoporučen

JG_2024_006	Interaction of dietary terpenoids with intestinal microbial metabolites: Effects on the activity of aryl hydrocarbon receptor and pregnane X receptor	Mgr. Iveta Zůvalová, Ph.D.	PřF	58	58	116	nedoporučen
JG_2024_030	Data-driven spline representation of probability density functions in the framework of functional data analysis	Mgr. Jana Burkotová, Ph.D.	PřF	57	58	115	nedoporučen
JG_2024_040	Deciphering function of alfalfa MMK2 during biotic interactions with microbes	Mgr. Ivan Luptovčiak, Ph.D.	PřF	55	58	113	nedoporučen
JG_2024_010	Quantum Simulation of Many-Body Phenomena in the Synthetic Space of Photonic Systems	Mgr. Ievgen Arkhipov, Ph.D.	PřF	60	53	113	nedoporučen
JG_2024_012	Unraveling the patterns of taxonomic, genetic and functional diversity to understand mechanisms of adaptation to climate change using odonates as a model group (Lotic2Lentic)	Mgr. Hana Šigutová, Ph.D.	PřF	56	56	112	nedoporučen
JG_2024_033	In-situ characterization of phytohormones and metabolites resistance to downy mildew	Chao Zhang, Ph.D.	PřF	56	55	111	nedoporučen
JG_2024_038	Advancing the understanding of the role of urban environment in outdoor thermal comfort	doc. Mgr. Michal Lehnert, Ph.D.	PřF	60	51	111	nedoporučen
JG_2024_031	Investigating honey bee immunity: Antimicrobial peptides and their role in pathogen response	Mgr. Silvie Dostálková, Ph.D.	PřF	52	58	110	nedoporučen
JG_2024_034	Quantum structures and category theory	Mgr. Dominik Lachman, Ph.D.	PřF	51	56	107	nedoporučen

JG_2024_027	Ferrite photoelectrodes for hydrogen evolution via controlled transformations of bimetal oxalate self-assembled nanostructured layers	Mgr. Petr Novák, Ph.D.	PřF	49	57	106	nedoporučen
JG_2024_004	Nature-Inspired Compounds for Controlling Plant-Parasitic Nematodes	Mgr. Alena Kadlecová, Ph.D.	PřF	49	57	106	nedoporučen
JG_2024_011	Semi-continuum approach to model unsaturated porous media flow	Mgr. Jakub Kmec, Ph.D.	PřF	50	53	103	nedoporučen
JG_2024_039	Unraveling new molecular interactions and phosphorylation among SIMK, ROP2 and RopGEF1 in plant signaling	Mgr. Miroslava Hrbáčková, Ph.D.	PřF	46	52	98	nedoporučen