

Miluse Hradilova

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,326
citations

430874

18
h-index

361022

35
g-index

37
all docs

37
docs citations

37
times ranked

2148
citing authors

#	ARTICLE	IF	CITATIONS
1	A Eukaryote without a Mitochondrial Organelle. <i>Current Biology</i> , 2016, 26, 1274-1284.	3.9	302
2	Identification of Bacteria Utilizing Biphenyl, Benzoate, and Naphthalene in Long-Term Contaminated Soil. <i>PLoS ONE</i> , 2012, 7, e40653.	2.5	124
3	Biphenyl-Metabolizing Bacteria in the Rhizosphere of Horseradish and Bulk Soil Contaminated by Polychlorinated Biphenyls as Revealed by Stable Isotope Probing. <i>Applied and Environmental Microbiology</i> , 2009, 75, 6471-6477.	3.1	102
4	Matrix-Assisted Laser Desorption Ionization (MALDI)-Time of Flight Mass Spectrometry- and MALDI Biotyper-Based Identification of Cultured Biphenyl-Metabolizing Bacteria from Contaminated Horseradish Rhizosphere Soil. <i>Applied and Environmental Microbiology</i> , 2011, 77, 6858-6866.	3.1	77
5	Smooth muscle actin-expressing stromal fibroblasts in head and neck squamous cell carcinoma: Increased expression of galectin-1 and induction of poor prognosis factors. <i>International Journal of Cancer</i> , 2012, 131, 2499-2508.	5.1	67
6	Hybrid asexuality as a primary postzygotic barrier between nascent species: On the interconnection between asexuality, hybridization and speciation. <i>Molecular Ecology</i> , 2018, 27, 248-263.	3.9	64
7	Plant secondary metabolite-induced shifts in bacterial community structure and degradative ability in contaminated soil. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9245-9256.	3.6	56
8	Pseudomonads Rule Degradation of Polyaromatic Hydrocarbons in Aerated Sediment. <i>Frontiers in Microbiology</i> , 2015, 6, 1268.	3.5	54
9	The Head and Neck Squamous Cell Carcinoma Microenvironment as a Potential Target for Cancer Therapy. <i>Cancers</i> , 2019, 11, 440.	3.7	43
10	Arginine deiminase pathway enzymes: evolutionary history in metamonads and other eukaryotes. <i>BMC Evolutionary Biology</i> , 2016, 16, 197.	3.2	40
11	Complete genome sequence of <i>Pseudomonas alcaliphila</i> JAB1 (=DSM 26533), a versatile degrader of organic pollutants. <i>Standards in Genomic Sciences</i> , 2018, 13, 3.	1.5	36
12	A Comparative Analysis of Mitochondrial Genomes in Eustigmatophyte Algae. <i>Genome Biology and Evolution</i> , 2016, 8, 705-722.	2.5	33
13	Characterization of three distinct metallothionein genes of the Ag-hyperaccumulating ectomycorrhizal fungus <i>Amanita strobiliformis</i> . <i>Fungal Biology</i> , 2016, 120, 358-369.	2.5	32
14	Anaeramoebae are a divergent lineage of eukaryotes that shed light on the transition from anaerobic mitochondria to hydrogenosomes. <i>Current Biology</i> , 2021, 31, 5605-5612.e5.	3.9	29
15	Ms1 RNA increases the amount of RNA polymerase in <i>Mycobacterium smegmatis</i> . <i>Molecular Microbiology</i> , 2019, 111, 354-372.	2.5	26
16	Nuclear genetic codes with a different meaning of the UAG and the UAA codon. <i>BMC Biology</i> , 2017, 15, 8.	3.8	25
17	First multigene analysis of Archamoebae (Amoebozoa: Conosa) robustly reveals its phylogeny and shows that Entamoebidae represents a deep lineage of the group. <i>Molecular Phylogenetics and Evolution</i> , 2016, 98, 41-51.	2.7	23
18	Diversity, Phylogeny and Expression Patterns of Pou and Six Homeodomain Transcription Factors in Hydrozoan Jellyfish <i>Craspedacusta sowerbyi</i> . <i>PLoS ONE</i> , 2012, 7, e36420.	2.5	20

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19	Combined Culture-Based and Culture-Independent Approaches Provide Insights into Diversity of Jakobids, an Extremely Plesiomorphic Eukaryotic Lineage. <i>Frontiers in Microbiology</i> , 2015, 6, 1288.	3.5	20
20	Analysis of dermal fibroblasts isolated from neonatal and child cleft lip and adult skin: Developmental implications on reconstructive surgery. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1323-1334.	4.0	17
21	The expansion of genes encoding soluble silk components in the greater wax moth, <i>Galleria mellonella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019, 106, 28-38.	2.7	17
22	Exosomes produced by melanoma cells significantly influence the biological properties of normal and cancer-associated fibroblasts. <i>Histochemistry and Cell Biology</i> , 2022, 157, 153-172.	1.7	17
23	Diversity of root-associated microbial populations of <i>Tamarix parviflora</i> cultivated under various conditions. <i>Applied Soil Ecology</i> , 2018, 125, 264-272.	4.3	16
24	The <i>Mastigamoeba balamuthi</i> Genome and the Nature of the Free-Living Ancestor of <i>Entamoeba</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 2240-2259.	8.9	14
25	Anti-angiogenic effects of the blue-green alga <i>Arthrospira platensis</i> on pancreatic cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2402-2415.	3.6	10
26	Analysis of HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinomas and Paired Normal Mucosae Reveals Cyclin D1 Deregulation and Compensatory Effect of Cyclin D2. <i>Cancers</i> , 2020, 12, 792.	3.7	9
27	Modular structure, sequence diversification and appropriate nomenclature of seroins produced in the silk glands of Lepidoptera. <i>Scientific Reports</i> , 2019, 9, 3797.	3.3	8
28	Desmoplastic Crosstalk in Pancreatic Ductal Adenocarcinoma Is Reflected by Different Responses of Panc-1, MIAPaCa-2, PaTu-8902, and CAPAN-2 Cell Lines to Cancer-associated/Normal Fibroblasts. <i>Cancer Genomics and Proteomics</i> , 2021, 18, 221-243.	2.0	8
29	Detection of Distinct Changes in Gene-expression Profiles in Specimens of Tumors and Transition Zones of Tenascinpositive/-negative Head and Neck Squamous Cell Carcinoma. <i>Anticancer Research</i> , 2018, 38, 1279-1290.	1.1	8
30	Comparison of Silks from <i>Pseudoips prasinana</i> and <i>Bombyx mori</i> Shows Molecular Convergence in Fibroin Heavy Chains but Large Differences in Other Silk Components. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8246.	4.1	7
31	Microarray Analysis of Serum mRNA in Patients with Head and Neck Squamous Cell Carcinoma at Whole-Genome Scale. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	6
32	Heterotrophic euglenid <i>Rhodomonas costata</i> resembles its phototrophic relatives in many aspects of molecular and cell biology. <i>Scientific Reports</i> , 2021, 11, 13070.	3.3	5
33	Predominant Biphenyl Dioxygenase From Legacy Polychlorinated Biphenyl (PCB)-Contaminated Soil Is a Part of Unusual Gene Cluster and Transforms Flavone and Flavanone. <i>Frontiers in Microbiology</i> , 2021, 12, 644708.	3.5	4
34	Mitochondrial Genome of Prasinophyte Alga <i>Pyramimonas parkeae</i> . <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 360-369.	1.7	3
35	A rapid approach for in locus overexpression of <i>Trypanosoma brucei</i> proteins. <i>Molecular and Biochemical Parasitology</i> , 2020, 239, 111300.	1.1	3