

Emile Gluck-Thaler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7390680/publications.pdf>

Version: 2024-02-01

14
papers

425
citations

840776

11
h-index

1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	Horizontal gene cluster transfer increased hallucinogenic mushroom diversity. <i>Evolution Letters</i> , 2018, 2, 88-101.	3.3	73
2	Repeated gain and loss of a single gene modulates the evolution of vascular plant pathogen lifestyles. <i>Science Advances</i> , 2020, 6, .	10.3	58
3	Psychoactive plant- and mushroom-associated alkaloids from two behavior modifying cicada pathogens. <i>Fungal Ecology</i> , 2019, 41, 147-164.	1.6	55
4	Dimensions of Horizontal Gene Transfer in Eukaryotic Microbial Pathogens. <i>PLoS Pathogens</i> , 2015, 11, e1005156.	4.7	50
5	Giant <i>Starship</i> Elements Mobilize Accessory Genes in Fungal Genomes. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	39
6	The Architecture of Metabolism Maximizes Biosynthetic Diversity in the Largest Class of Fungi. <i>Molecular Biology and Evolution</i> , 2020, 37, 2838-2856.	8.9	33
7	Metabolic gene clusters, fungal diversity, and the generation of accessory functions. <i>Current Opinion in Genetics and Development</i> , 2019, 58-59, 17-24.	3.3	28
8	Genes of the de novo and Salvage Biosynthesis Pathways of Vitamin B6 are Regulated under Oxidative Stress in the Plant Pathogen <i>Rhizoctonia solani</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1429.	3.5	20
9	Specialized plant biochemistry drives gene clustering in fungi. <i>ISME Journal</i> , 2018, 12, 1694-1705.	9.8	20
10	Gene age shapes the transcriptional landscape of sexual morphogenesis in mushroom-forming fungi (<i>Agaricomycetes</i>). <i>ELife</i> , 2022, 11, .	6.0	18
11	Fungal adaptation to plant defences through convergent assembly of metabolic modules. <i>Molecular Ecology</i> , 2018, 27, 5120-5136.	3.9	17
12	Whole-Genome Sequence of the Phlox Powdery Mildew Pathogen <i>Golovinomyces magnicellulatus</i> Strain FPH2017-1. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	6
13	The Canadian Fungal Research Network: current challenges and future opportunities. <i>Canadian Journal of Microbiology</i> , 2021, 67, 13-22.	1.7	4
14	Giant mobile elements: Agents of multivariate phenotypic evolution in fungi. <i>Current Biology</i> , 2022, 32, R234-R236.	3.9	0