

Zoltan Fässy

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

568
citations

623734

14
h-index

677142

22
g-index

36
all docs

36
docs citations

36
times ranked

642
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution and regulation of nitrogen flux through compartmentalized metabolic networks in a marine diatom. <i>Nature Communications</i> , 2019, 10, 4552.	12.8	116
2	Metabolic quirks and the colourful history of the <i>Euglena gracilis</i> secondary plastid. <i>New Phytologist</i> , 2020, 225, 1578-1592.	7.3	65
3	Combinatorial analysis of lupulin gland transcription factors from R2R3Myb, bHLH and WDR families indicates a complex regulation of chs_H1 genes essential for prenylflavonoid biosynthesis in hop (<i>Humulus Lupulus</i> L.). <i>BMC Plant Biology</i> , 2012, 12, 27.	3.6	35
4	Peculiar features of the plastids of the colourless alga <i>Euglena longa</i> and photosynthetic euglenophytes unveiled by transcriptome analyses. <i>Scientific Reports</i> , 2018, 8, 17012.	3.3	35
5	Evolution of the Tetrapyrrole Biosynthetic Pathway in Secondary Algae: Conservation, Redundancy and Replacement. <i>PLoS ONE</i> , 2016, 11, e0166338.	2.5	33
6	RuBisCO in Non-Photosynthetic Alga <i>Euglena longa</i> : Divergent Features, Transcriptomic Analysis and Regulation of Complex Formation. <i>PLoS ONE</i> , 2016, 11, e0158790.	2.5	31
7	Cloning and Molecular Analysis of <i>HlbZip1</i> and <i>HlbZip2</i> Transcription Factors Putatively Involved in the Regulation of the Lupulin Metabolome in Hop (<i>Humulus lupulus</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 902-912.	5.2	28
8	Budding of the Alveolate Alga <i>Vitrella brassicaformis</i> Resembles Sexual and Asexual Processes in Apicomplexan Parasites. <i>Protist</i> , 2017, 168, 80-91.	1.5	20
9	Complex Endosymbioses I: From Primary to Complex Plastids, Multiple Independent Events. <i>Methods in Molecular Biology</i> , 2018, 1829, 17-35.	0.9	19
10	<i>HlMyb3</i> , a Putative Regulatory Factor in Hop (<i>Humulus lupulus</i> L), Shows Diverse Biological Effects in Heterologous Transgenes. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7767-7776.	5.2	18
11	Subcellular Compartments Interplay for Carbon and Nitrogen Allocation in <i>Chromera velia</i> and <i>Vitrella brassicaformis</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 1765-1779.	2.5	18
12	Chromerids and Their Plastids. <i>Advances in Botanical Research</i> , 2017, , 187-218.	1.1	15
13	Biological and molecular analysis of the pathogenic variant C3 of potato spindle tuber viroid (PSTVd) evolved during adaptation to chamomile (<i>Matricaria chamomilla</i>). <i>Biological Chemistry</i> , 2012, 393, 605-615.	2.5	14
14	Imbalance in expression of hop (<i>Humulus lupulus</i>) chalcone synthase H1 and its regulators during hop stunt viroid pathogenesis. <i>Journal of Plant Physiology</i> , 2013, 170, 688-695.	3.5	14
15	Changes in Phenotypes and DNA Methylation of In Vitro Aging Sperm in Common Carp <i>Cyprinus carpio</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 5925.	4.1	14
16	The Cryptic Plastid of <i>Euglena longa</i> Defines a New Type of Nonphotosynthetic Plastid Organelle. <i>MSphere</i> , 2020, 5, .	2.9	14
17	Ploidy and Number of Chromosomes in the Alveolate Alga <i>Chromera velia</i> . <i>Protist</i> , 2018, 169, 53-63.	1.5	13
18	Catalase and Ascorbate Peroxidase in Euglenozoan Protists. <i>Pathogens</i> , 2020, 9, 317.	2.8	12

#	ARTICLE	IF	CITATIONS
19	CpSAT-1, a transcribed satellite sequence from the codling moth, <i>Cydia pomonella</i> . <i>Genetica</i> , 2016, 144, 385-395.	1.1	10
20	Transferrin Identification in Sterlet (<i>Acipenser ruthenus</i>) Reproductive System. <i>Animals</i> , 2019, 9, 753.	2.3	8
21	Retortamonads from vertebrate hosts share features of anaerobic metabolism and pre-adaptations to parasitism with diplomonads. <i>Parasitology International</i> , 2021, 82, 102308.	1.3	8
22	Evolution of tetrapyrrole pathway in eukaryotic phototrophs. <i>Advances in Botanical Research</i> , 2019, 90, 273-309.	1.1	7
23	Morphology, Ultrastructure, and Mitochondrial Genome of the Marine Non-Photosynthetic Bicosoecid <i>Cafilera marina</i> Gen. et sp. nov.. <i>Microorganisms</i> , 2019, 7, 240.	3.6	5
24	Fates of Sec, Tat, and YidC Translocases in Mitochondria and Other Eukaryotic Compartments. <i>Molecular Biology and Evolution</i> , 2021, 38, 5241-5254.	8.9	3
25	Isolation of plastids and mitochondria from <i>Chromera velia</i> . <i>Planta</i> , 2019, 250, 1731-1741.	3.2	2
26	Reductive Evolution of Apicomplexan Parasites from Phototrophic Ancestors. , 2017, , 217-236.		1
27	Fatty Acid Biosynthesis in Chromerids. <i>Biomolecules</i> , 2020, 10, 1102.	4.0	1
28	The response of <i>Naegleria gruberi</i> to oxidative stress. <i>Metallomics</i> , 2022, 14, .	2.4	1
29	Evolutionary and Molecular Aspects of Plastid Endosymbioses. <i>Biomolecules</i> , 2021, 11, 1694.	4.0	0