

Michael Lebert

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

622
citations

623734

14
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

610
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome, proteome and draft genome of <i>Euglena gracilis</i> . <i>BMC Biology</i> , 2019, 17, 11.	3.8	98
2	Photoactivated Adenylyl Cyclase Controls Phototaxis in the Flagellate <i>Euglena gracilis</i> . <i>Plant Physiology</i> , 2003, 133, 1517-1521.	4.8	94
3	Signal perception and transduction of gravitaxis in the flagellate <i>Euglena gracilis</i> . <i>Journal of Plant Physiology</i> , 1997, 150, 685-690.	3.5	54
4	Molecular analysis of the graviperception signal transduction in the flagellate <i>Euglena gracilis</i> : Involvement of a transient receptor potential-like channel and a calmodulin. <i>Advances in Space Research</i> , 2009, 43, 1179-1184.	2.6	36
5	The involvement of a protein kinase in phototaxis and gravitaxis of <i>Euglena gracilis</i> . <i>Planta</i> , 2011, 233, 1055-1062.	3.2	35
6	<i>Euglena gracilis</i> Genome and Transcriptome: Organelles, Nuclear Genome Assembly Strategies and Initial Features. <i>Advances in Experimental Medicine and Biology</i> , 2017, 979, 125-140.	1.6	35
7	The Photoreceptor for Phototaxis in the Photosynthetic Flagellate <i>Euglena gracilis</i> . <i>Photochemistry and Photobiology</i> , 1998, 68, 260-265.	2.5	30
8	Effects of increased salinity on gravitaxis in <i>Euglena gracilis</i> . <i>Journal of Plant Physiology</i> , 2003, 160, 651-656.	3.5	28
9	Eu:CROPIS – <i>Euglena gracilis</i> : Combined Regenerative Organic-food Production in Space – A Space Experiment Testing Biological Life Support Systems Under Lunar And Martian Gravity. <i>Microgravity Science and Technology</i> , 2018, 30, 933-942.	1.4	27
10	Signal transduction in gravisensing of flagellates. <i>Signal Transduction</i> , 2006, 6, 422-431.	0.4	26
11	Molecular characterization of a calmodulin involved in the signal transduction chain of gravitaxis in <i>Euglena gracilis</i> . <i>Planta</i> , 2010, 231, 1229-1236.	3.2	25
12	Current knowledge about the impact of microgravity on the proteome. <i>Expert Review of Proteomics</i> , 2019, 16, 5-16.	3.0	24
13	Exploration of space to achieve scientific breakthroughs. <i>Biotechnology Advances</i> , 2020, 43, 107572.	11.7	21
14	EXPOSE-R cosmic radiation time profile. <i>International Journal of Astrobiology</i> , 2015, 14, 17-25.	1.6	20
15	Photoorientation in Photosynthetic Flagellates. <i>Methods in Molecular Biology</i> , 2009, 571, 51-65.	0.9	13
16	<i>Agrobacterium tumefaciens</i> -Mediated Nuclear Transformation of a Biotechnologically Important Microalga – <i>Euglena gracilis</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 6299.	4.1	13
17	Identification of a flagellar protein implicated in the gravitaxis in the flagellate <i>Euglena gracilis</i> . <i>Scientific Reports</i> , 2018, 8, 7605.	3.3	12
18	How the space environment influences organisms: an astrobiological perspective and review. <i>International Journal of Astrobiology</i> , 2021, 20, 159-177.	1.6	11

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19	Changes of Gene Expression in <i>Euglena gracilis</i> Obtained During the 29th DLR Parabolic Flight Campaign. <i>Scientific Reports</i> , 2019, 9, 14260.	3.3	10
20	Latest knowledge about changes in the proteome in microgravity. <i>Expert Review of Proteomics</i> , 2022, 19, 43-59.	3.0	4
21	Molecular Cross-Talk between Gravity- and Light-Sensing Mechanisms in <i>Euglena gracilis</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 2776.	4.1	3
22	Long term stability of Oligo (dT) 25 magnetic beads for the expression analysis of <i>Euglena gracilis</i> for long term space projects. <i>Life Sciences in Space Research</i> , 2017, 13, 12-18.	2.3	2
23	Restart capability of resting-states of <i>Euglena gracilis</i> after 9 months of dormancy: preparation for autonomous space flight experiments. <i>International Journal of Astrobiology</i> , 2018, 17, 101-111.	1.6	1