

Mautusi Mitra

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

417
citations

1307594

7
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of a heavy metal- and antibiotic-tolerant novel bacterial strain from a contaminated culture plate of <i>Chlamydomonas reinhardtii</i> , a green micro-alga.. F1000Research, 2021, 10, 533.	1.6	0
2	Isolation and characterization of a heavy metal- and antibiotic-tolerant novel bacterial strain from a contaminated culture plate of <i>Chlamydomonas reinhardtii</i> , a green micro-alga.. F1000Research, 2021, 10, 533.	1.6	2
3	Isolation and characterization of a novel bacterial strain from a Tris-Acetate-Phosphate agar medium plate of the green micro-alga <i>Chlamydomonas reinhardtii</i> that can utilize common environmental pollutants as a carbon source. F1000Research, 2020, 9, 656.	1.6	8
4	Isolation and characterization of a novel <i>Sphingobium yanoikuyae</i> strain variant that uses biohazardous saturated hydrocarbons and aromatic compounds as sole carbon sources. F1000Research, 2020, 9, 767.	1.6	7
5	Identification and molecular characterization of a novel <i>Chlamydomonas reinhardtii</i> mutant defective in chlorophyll biosynthesis. F1000Research, 2013, 2, 138.	1.6	3
6	Identification and molecular characterization of a <i>Chlamydomonas reinhardtii</i> mutant that shows a light intensity dependent progressive chlorophyll deficiency. F1000Research, 2013, 2, 142.	1.6	1
7	Identification and molecular characterization of a novel <i>Chlamydomonas reinhardtii</i> mutant defective in chlorophyll biosynthesis. F1000Research, 2013, 2, 138.	1.6	3
8	Identification and molecular characterization of the second <i>Chlamydomonas gun4</i> mutant, <i>gun4-II</i> . F1000Research, 2013, 2, 142.	1.6	1
9	Modulation of the light-harvesting chlorophyll antenna size in <i>Chlamydomonas reinhardtii</i> by <i>TLA1</i> gene over-expression and RNA interference. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 3430-3443.	4.0	43
10	Polyclonal antibodies against the TLA1 protein also recognize with high specificity the D2 reaction center protein of PSII in the green alga <i>Chlamydomonas reinhardtii</i> . Photosynthesis Research, 2012, 112, 39-47.	2.9	1
11	The TLA1 Protein Family Members Contain a Variant of the Plain MOV34/MPN Domain. American Journal of Biochemistry and Molecular Biology, 2011, 2, 1-18.	0.6	4
12	Genetic and biochemical analysis of the TLA1 gene in <i>Chlamydomonas reinhardtii</i> . Planta, 2010, 231, 729-740.	3.2	29
13	Optical properties of microalgae for enhanced biofuels production. Optics Express, 2008, 16, 21807.	3.4	61
14	CO2 Concentrating Mechanisms. Advances in Photosynthesis and Respiration, 2007, , 253-271.	1.0	3
15	Development of the light-harvesting chlorophyll antenna in the green alga <i>Chlamydomonas reinhardtii</i> is regulated by the novel Tla1 gene. Planta, 2007, 225, 813-829.	3.2	85
16	CO2 Concentrating Mechanisms. , 2007, , 253-271.		0
17	Identification, Cloning and Characterization of Two Closely Related $\hat{2}$ â€Carbonic Anhydrases in <i>Chlamydomonas reinhardtii</i> . FASEB Journal, 2006, 20, A476.	0.5	0
18	The carbonic anhydrase gene families of <i>Chlamydomonas reinhardtii</i> . Canadian Journal of Botany, 2005, 83, 780-795.	1.1	64

#	ARTICLE	IF	CITATIONS
19	Identification of a New Chloroplast Carbonic Anhydrase in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2004, 135, 173-182.	4.8	101