

# Mautusi Mitra

## List of Publications by Year in descending order

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19  
papers

417  
citations

1307366

7  
h-index

887953

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a New Chloroplast Carbonic Anhydrase in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2004, 135, 173-182.	2.3	101
2	Development of the light-harvesting chlorophyll antenna in the green alga <i>Chlamydomonas reinhardtii</i> is regulated by the novel Tla1 gene. <i>Planta</i> , 2007, 225, 813-829.	1.6	85
3	The carbonic anhydrase gene families of <i>Chlamydomonas reinhardtii</i> . <i>Canadian Journal of Botany</i> , 2005, 83, 780-795.	1.2	64
4	Optical properties of microalgae for enhanced biofuels production. <i>Optics Express</i> , 2008, 16, 21807.	1.7	61
5	Modulation of the light-harvesting chlorophyll antenna size in <i>Chlamydomonas reinhardtii</i> by TLA1 gene over-expression and RNA interference. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 3430-3443.	1.8	43
6	Genetic and biochemical analysis of the TLA1 gene in <i>Chlamydomonas reinhardtii</i> . <i>Planta</i> , 2010, 231, 729-740.	1.6	29
7	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. <i>F1000Research</i> , 2020, 9, 656.	0.8	8
8	Isolation and characterization of a novel <i>Sphingobium yanoikuyae</i> strain variant that uses biohazardous saturated hydrocarbons and aromatic compounds as sole carbon sources. <i>F1000Research</i> , 2020, 9, 767.	0.8	7
9	The TLA1 Protein Family Members Contain a Variant of the Plain MOV34/MPN Domain. <i>American Journal of Biochemistry and Molecular Biology</i> , 2011, 2, 1-18.	0.6	4
10	CO2 Concentrating Mechanisms. <i>Advances in Photosynthesis and Respiration</i> , 2007, , 253-271.	1.0	3
11	Identification and molecular characterization of a novel <i>Chlamydomonas reinhardtii</i> mutant defective in chlorophyll biosynthesis. <i>F1000Research</i> , 2013, 2, 138.	0.8	3
12	Identification and molecular characterization of a novel <i>Chlamydomonas reinhardtii</i> mutant defective in chlorophyll biosynthesis. <i>F1000Research</i> , 2013, 2, 138.	0.8	3
13	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.. <i>F1000Research</i> , 2021, 10, 533.	0.8	2
14	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> . <i>Photosynthesis Research</i> , 2012, 112, 39-47.	1.6	1
15	Identification and molecular characterization of a <i>Chlamydomonas reinhardtii</i> mutant that shows a light intensity dependent progressive chlorophyll deficiency. <i>F1000Research</i> , 2013, 2, 142.	0.8	1
16	Identification and molecular characterization of the second <i>Chlamydomonas gun4</i> mutant, <i>gun4-II</i> . <i>F1000Research</i> , 2013, 2, 142.	0.8	1
17	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.. <i>F1000Research</i> , 2021, 10, 533.	0.8	0
18	Identification, Cloning and Characterization of Two Closely Related $\hat{2}$ â€Carbonic Anhydrases in <i>Chlamydomonas reinhardtii</i> . <i>FASEB Journal</i> , 2006, 20, A476.	0.2	0

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19	CO2 Concentrating Mechanisms. , 2007, , 253-271.		0