

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 | Identification of a New Chloroplast Carbonic Anhydrase in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2004, 135, 173-182. | 4.8 | 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. | 3.2 | 85 |
| 3 | The carbonic anhydrase gene families of <i>Chlamydomonas reinhardtii</i> . <i>Canadian Journal of Botany</i> , 2005, 83, 780-795. | 1.1 | 64 |
| 4 | Optical properties of microalgae for enhanced biofuels production. <i>Optics Express</i> , 2008, 16, 21807. | 3.4 | 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. | 4.0 | 43 |
| 6 | Genetic and biochemical analysis of the TLA1 gene in <i>Chlamydomonas reinhardtii</i> . <i>Planta</i> , 2010, 231, 729-740. | 3.2 | 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. | 1.6 | 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. | 1.6 | 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. | 1.6 | 3 |
| 12 | Identification and molecular characterization of a novel <i>Chlamydomonas reinhardtii</i> mutant defective in chlorophyll biosynthesis. <i>F1000Research</i> , 2013, 2, 138. | 1.6 | 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. | 1.6 | 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. | 2.9 | 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. | 1.6 | 1 |
| 16 | Identification and molecular characterization of the second <i>Chlamydomonas gun4</i> mutant, <i>gun4-II</i> . <i>F1000Research</i> , 2013, 2, 142. | 1.6 | 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. | 1.6 | 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. | 0.5 | 0 |

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