

Astrid Vieler

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,712
citations

686830

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1058022

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docs citations

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times ranked

2211
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in Transcript Abundance in <i>Chlamydomonas reinhardtii</i> following Nitrogen Deprivation Predict Diversion of Metabolism. <i>Plant Physiology</i> , 2010, 154, 1737-1752.	2.3	455
2	Genome, Functional Gene Annotation, and Nuclear Transformation of the Heterokont Oleaginous Alga <i>Nannochloropsis oceanica</i> CCMP1779. <i>PLoS Genetics</i> , 2012, 8, e1003064.	1.5	376
3	Systems Biology Approach in <i>Chlamydomonas</i> Reveals Connections between Copper Nutrition and Multiple Metabolic Steps. <i>Plant Cell</i> , 2011, 23, 1273-1292.	3.1	204
4	The lipid composition of the unicellular green alga <i>Chlamydomonas reinhardtii</i> and the diatom <i>Cyclotella meneghiniana</i> investigated by MALDI-TOF MS and TLC. <i>Chemistry and Physics of Lipids</i> , 2007, 150, 143-155.	1.5	155
5	A Lipid Droplet Protein of <i>Nannochloropsis</i> with Functions Partially Analogous to Plant Oleosins. <i>Plant Physiology</i> , 2012, 158, 1562-1569.	2.3	106
6	Role of Hexagonal Structure-Forming Lipids in Diadinoxanthin and Violaxanthin Solubilization and De-Epoxidation. <i>Biochemistry</i> , 2005, 44, 4028-4036.	1.2	91
7	Remodeling of Membrane Lipids in Iron-starved <i>Chlamydomonas</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 30246-30258.	1.6	77
8	Triacylglycerol profiling of microalgae <i>Chlamydomonas reinhardtii</i> and <i>Nannochloropsis oceanica</i> . <i>Bioresource Technology</i> , 2013, 146, 310-316.	4.8	65
9	Lipid dependence of diadinoxanthin solubilization and de-epoxidation in artificial membrane systems resembling the lipid composition of the natural thylakoid membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 67-75.	1.4	48
10	Mechanical Ventilation and Extracorporeal Membrane Oxygenation in Acute Respiratory Insufficiency. <i>Deutsches Arzteblatt International</i> , 2018, 115, 840-847.	0.6	44
11	The lipid dependence of diadinoxanthin de-epoxidation presents new evidence for a macrodomain organization of the diatom thylakoid membrane. <i>Journal of Plant Physiology</i> , 2009, 166, 1839-1854.	1.6	38
12	Photophysiology and primary production of phytoplankton in freshwater. <i>Physiologia Plantarum</i> , 2004, 120, 347-357.	2.6	27
13	The influence of phase transitions in phosphatidylethanolamine models on the activity of violaxanthin de-epoxidase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 1027-1034.	1.4	16
14	Patron Driven Acquisition – Wie wird die Ebook Library (EBL) an der Universität Leipzig genutzt?. <i>Bibliothek: Forschung Und Praxis</i> , 2013, 37, 363-367.	0.0	0