

Pascal Van Alphen

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Increasing the Photoautotrophic Growth Rate of <i>Synechocystis</i> sp. PCC 6803 by Identifying the Limitations of Its Cultivation. <i>Biotechnology Journal</i> , 2018, 13, e1700764.	3.5	33
2	Spectrally decomposed dark-to-light transitions in <i>Synechocystis</i> sp. PCC 6803. <i>Photosynthesis Research</i> , 2018, 137, 307-320.	2.9	3
3	Spectrally decomposed dark-to-light transitions in a PSI-deficient mutant of <i>Synechocystis</i> sp. PCC 6803. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 57-68.	1.0	4
4	Response of the thylakoid proteome of <i>Synechocystis</i> sp. PCC 6803 to photoinhibitory intensities of orange-red light. <i>Plant Physiology and Biochemistry</i> , 2018, 132, 524-534.	5.8	2
5	Analysis of the light intensity dependence of the growth of <i>Synechocystis</i> and of the light distribution in a photobioreactor energized by 635 nm light. <i>PeerJ</i> , 2018, 6, e5256.	2.0	31
6	Culturing <i>Synechocystis</i> sp. Strain PCC 6803 with N ₂ and CO ₂ in a Diel Regime Reveals Multiphase Glycogen Dynamics with Low Maintenance Costs. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4180-4189.	3.1	21
7	A method to decompose spectral changes in <i>Synechocystis</i> PCC 6803 during light-induced state transitions. <i>Photosynthesis Research</i> , 2016, 130, 237-249.	2.9	11
8	Sustained Circadian Rhythms in Continuous Light in <i>Synechocystis</i> sp. PCC6803 Growing in a Well-Controlled Photobioreactor. <i>PLoS ONE</i> , 2015, 10, e0127715.	2.5	31
9	Comparison of the Photosynthetic Yield of Cyanobacteria and Green Algae: Different Methods Give Different Answers. <i>PLoS ONE</i> , 2015, 10, e0139061.	2.5	108