

Rubin Andrey

List of Publications by Year in descending order

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papers

193
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1163117

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docs citations

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207
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical Concepts in Magnetobiology after 40 Years of Research. <i>Cells</i> , 2022, 11, 274.	4.1	28
2	His57 controls the efficiency of ESR, a light-driven proton pump from <i>Exiguobacterium sibiricum</i> at low and high pH. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148328.	1.0	11
3	Simulating the Interplay between the Uptake of Inorganic Phosphate and the Cell Phosphate Metabolism under Phosphorus Feast and Famine Conditions in <i>Chlorella vulgaris</i> . <i>Cells</i> , 2021, 10, 3571.	4.1	0
4	Comparative analysis of plastocyanin-cytochrome complex formation in higher plants, green algae and cyanobacteria. <i>Physiologia Plantarum</i> , 2019, 166, 320-335.	5.2	19
5	Elimination of proton donor strongly affects directionality and efficiency of proton transport in ESR, a light-driven proton pump from <i>Exiguobacterium sibiricum</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2019, 1860, 1-11.	1.0	16
6	Multiparticle Brownian dynamics simulation of experimental kinetics of cytochrome <i>c</i> oxidation and photosystem I reduction by plastocyanin. <i>Physiologia Plantarum</i> , 2017, 161, 88-96.	5.2	17
7	Electrogenic steps of light-driven proton transport in ESR, a retinal protein from <i>Exiguobacterium sibiricum</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1741-1750.	1.0	19
8	Breaking the Carboxyl Rule. <i>Journal of Biological Chemistry</i> , 2013, 288, 21254-21265.	3.4	36
9	Iron-Blocking the High-Affinity Mn-Binding Site in Photosystem II Facilitates Identification of the Type of Hydrogen Bond Participating in Proton-Coupled Electron Transport via YZ. <i>Biochemistry</i> , 2005, 44, 9746-9757.	2.5	7
10	Accumulation of Ferrous Iron in <i>Chlamydomonas reinhardtii</i> . Influence of CO ₂ and Anaerobic Induction of the Reversible Hydrogenase. <i>Plant Physiology</i> , 2003, 131, 1756-1764.	4.8	20
11	High-temperature thermoluminescence of chlorophyll as a method to study lipid peroxidation in planktonic algae. <i>Fundamental and Applied Limnology</i> , 2002, 153, 685-701.	0.7	5
12	A MULTI COMPARTMENTS MODEL OF NITRATE METABOLISM REGULATION IN PLANT ROOTS. <i>Journal of Biological Systems</i> , 2000, 08, 219-235.	1.4	3
13	pH-Dependent Extraction of Ca ²⁺ from Photosystem II Membranes and Thylakoid Membranes: Indication of a Ca ²⁺ -Sensitive Site on the Acceptor Side of Photosystem II. <i>Photochemistry and Photobiology</i> , 1998, 68, 538-544.	2.5	5
14	pH-Dependent Extraction of Ca ²⁺ from Photosystem II Membranes and Thylakoid Membranes: Indication of a Ca ²⁺ -Sensitive Site on the Acceptor Side of Photosystem II. <i>Photochemistry and Photobiology</i> , 1998, 68, 538.	2.5	3
15	Effects of calcium-channel blockers and activator on electron transport in pea chloroplasts. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1989, 975, 239-243.	1.0	4