Rubin Andrey

List of Publications by Year
in descending order

15	193	1163117 8	1058476 14
papers	citations	h-index	g-index

16	16	16	207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Breaking the Carboxyl Rule. Journal of Biological Chemistry, 2013, 288, 21254-21265.	3.4	36
2	Theoretical Concepts in Magnetobiology after 40 Years of Research. Cells, 2022, 11, 274.	4.1	28
3	Accumulation of Ferrous Iron in Chlamydomonas reinhardtii. Influence of CO2 and Anaerobic Induction of the Reversible Hydrogenase. Plant Physiology, 2003, 131, 1756-1764.	4.8	20
4	Electrogenic steps of light-driven proton transport in ESR, a retinal protein from Exiguobacterium sibiricum. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 1741-1750.	1.0	19
5	Comparative analysis of plastocyaninâ€“cytochromefcomplex formation in higher plants, green algae and cyanobacteria. Physiologia Plantarum, 2019, 166, 320-335.	5.2	19
6	Multiparticle Brownian dynamics simulation of experimental kinetics of cytochrome bf oxidation and photosystem I reduction by plastocyanin. Physiologia Plantarum, 2017, 161, 88-96.	5.2	17
7	Elimination of proton donor strongly affects directionality and efficiency of proton transport in ESR, a light-driven proton pump from Exiguobacterium sibiricum. Biochimica Et Biophysica Acta - Bioenergetics, 2019, 1860, 1-11.	1.0	16
8	His57 controls the efficiency of ESR, a light-driven proton pump from Exiguobacterium sibiricum at low and high pH. Biochimica Et Biophysica Acta - Bioenergetics, 2021, 1862, 148328.	1.0	11
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 YZâ€¢. Biochemistry, 2005, 44, 9746-9757.	2.5	7
10	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. Photochemistry and Photobiology, 1998, 68, 538-544.	2.5	5
11	High-temperature thermoluminescence of chlorophyll as a method to study lipid peroxidation in planktonic algae. Fundamental and Applied Limnology, 2002, 153, 685-701.	0.7	5
12	Effects of calcium-channel blockers and activator on electron transport in pea chloroplasts. Biochimica Et Biophysica Acta - Bioenergetics, 1989, 975, 239-243.	1.0	4
13	A MULTI COMPARTMENTS MODEL OF NITRATE METABOLISM REGULATION IN PLANT ROOTS. Journal of Biological Systems, 2000, 08, 219-235.	1.4	3
14	pH-Dependent Extraction of Ca2+ from Photosystem II Membranes and Thylakoid Membranes: Indication of a Ca2+-Sensitive Site on the Acceptor Side of Photosystem II. Photochemistry and Photobiology, 1998, 68, 538.	2.5	3
15	Simulating the Interplay between the Uptake of Inorganic Phosphate and the Cell Phosphate Metabolism under Phosphorus Feast and Famine Conditions in Chlorella vulgaris. Cells, 2021, 10, 3571.	4.1	0