Vaclav Karlicky

List of Publications by Year
in descending order

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14	216	1163065	1058452
papers	citations	8	14
		h-index	g-index

16	16	16	314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lipid polymorphism in chloroplast thylakoid membranes â€“ as revealed by 31P-NMR and time-resolved merocyanine fluorescence spectroscopy. Scientific Reports, 2017, 7, 13343.	3.3	41
2	Protective effect of UV-A radiation during acclimation of the photosynthetic apparatus to UV-B treatment. Plant Physiology and Biochemistry, 2015, 96, 90-96.	5.8	31
3	Modulation of non-bilayer lipid phases and the structure and functions of thylakoid membranes: effects on the water-soluble enzyme violaxanthin de-epoxidase. Scientific Reports, 2020, 10, 11959.	3.3	26
4	Monochromatic green light induces an aberrant accumulation of geranylgeranyled chlorophylls in plants. Plant Physiology and Biochemistry, 2017, 116, 48-56.	5.8	21
5	Anisotropic circular dichroism signatures of oriented thylakoid membranes and lamellar aggregates of LHCII. Photosynthesis Research, 2012, 111, 29-39.	2.9	18
6	Bioinformatics analyses and inÂvitro evidence for five and six stacked G-quadruplex forming sequences. Biochimie, 2018, 150, 70-75.	2.6	17
7	G-Quadruplex in Gene Encoding Large Subunit of Plant RNA Polymerase II: A Billion-Year-Old Story. International Journal of Molecular Sciences, 2021, 22, 7381.	4.1	13
8	Lipidâ€polymorphism of plant thylakoid membranes. Enhanced nonâ€bilayer lipid phases associated with increased membrane permeability. Physiologia Plantarum, 2019, 166, 278-287.	5.2	12
9	Towards spruce-type photosystem II: consequences of the loss of light-harvesting proteins LHCB3 and LHCB6 in Arabidopsis. Plant Physiology, 2021, 187, 2691-2715.	4.8	10
10	Accumulation of geranylgeranylated chlorophylls in the pigment-protein complexes of Arabidopsis thaliana acclimated to green light: effects on the organization of light-harvesting complex II and photosystem II functions. Photosynthesis Research, 2021, 149, 233-252.	2.9	8
11	Enhanced thermal stability of the thylakoid membranes from spruce. A comparison with selected angiosperms. Photosynthesis Research, 2016, 130, 357-371.	2.9	7
12	Lipid Polymorphism of the Subchloroplastâ€”Granum and Stroma Thylakoid Membraneâ€”Particles. I. 31P-NMR Spectroscopy. Cells, 2021, 10, 2354.	4.1	6
13	Lipid Polymorphism of the Subchloroplastâ€”Granum and Stroma Thylakoid Membraneâ€“Particles. II. Structure and Functions. Cells, 2021, 10, 2363.	4.1	5
14	Pigment composition and functional state of the thylakoid membranes during preparation of samples for pigment-protein complexes separation by nondenaturing gel electrophoresis. Photosynthetica, 2010, 48, 475-480.	1.7	1