

Vladimir Gorokhov

List of Publications by Year in descending order

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11
papers

35
citations

2258059

3
h-index

1872680

6
g-index

11
all docs

11
docs citations

11
times ranked

48
citing authors

#	ARTICLE	IF	CITATIONS
1	Photophysical properties of carborane-containing derivatives of 5,10,15,20-tetra(p-aminophenyl)porphyrin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 54, 162-167.	3.8	19
2	The effect of light and temperature on the dynamic state of Rhodobacter sphaeroides reaction centers proteins determined from changes in tryptophan fluorescence lifetime and P + Q A $\hat{\sim}$ recombination kinetics. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 180, 140-148.	3.8	4
3	Spectral and temporal dynamics of transitional processes in the reaction centers of Rhodobacter sphaeroides in the region of 780 $\hat{\sim}$ 830 nm. <i>Doklady Biochemistry and Biophysics</i> , 2006, 406, 40-43.	0.9	3
4	The nature of oscillations in the kinetics of electron transfer in the reaction center of purple bacteria. <i>Doklady Biochemistry and Biophysics</i> , 2009, 425, 87-90.	0.9	3
5	Generation of radical form of dipyridamole at illumination of photosynthetic reaction centers of Rb. sphaeroides. <i>Doklady Biochemistry and Biophysics</i> , 2017, 473, 118-121.	0.9	2
6	Temperature Dependence of Tryptophan Fluorescence Lifetime as an Indicator of Its Microenvironment Dynamics. <i>Doklady Biochemistry and Biophysics</i> , 2021, 498, 170-176.	0.9	2
7	Influence of trehalose on high-temperature stability of the photosynthetic reaction centers. <i>Doklady Biochemistry and Biophysics</i> , 2017, 477, 368-371.	0.9	1
8	The Line-of-Sight Analysis of Spatial Distribution of Galaxies in the COSMOS2015 Catalogue. <i>Universe</i> , 2020, 6, 215.	2.5	1
9	Contribution of the processes of solvation of nonequilibrium states of cofactors to charge separation and electron transfer in reaction centers of Rhodobacter sphaeroides. <i>Doklady Biochemistry and Biophysics</i> , 2002, 384, 163-166.	0.9	0
10	The influence of structural phase transition on the temperature dependence of the rate of charge recombination P+QA(-) \rightarrow PQA in Rhodobacter sphaeroides reaction centers. <i>Doklady Biochemistry and Biophysics</i> , 2003, 388, 15-18.	0.9	0
11	Femtosecond dynamics of transition processes in reaction centers of Rhodobacter sphaeroides. <i>Doklady Biochemistry and Biophysics</i> , 2004, 399, 337-340.	0.9	0