

# Sergei S Khruschev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4652676/publications.pdf>

Version: 2024-02-01

15  
papers

137  
citations

1162889

8  
h-index

1281743

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrostatic Map of the SARS-CoV-2 Virion Specifies Binding Sites of the Antiviral Cationic Photosensitizer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7304.	1.8	5
2	What Binds Cationic Photosensitizers Better: Brownian Dynamics Reveals Key Interaction Sites on Spike Proteins of SARS-CoV, MERS-CoV, and SARS-CoV-2. <i>Viruses</i> , 2021, 13, 1615.	1.5	8
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.	1.8	0
4	Heavy metal toxicity detection in phytoplankton by using neural network analysis of chlorophyll fluorescence induction. , 2021, , 134-141.		1
5	Comparative analysis of plastocyaninâ€“cytochrome f complex formation in higher plants, green algae and cyanobacteria. <i>Physiologia Plantarum</i> , 2019, 166, 320-335.	2.6	19
6	Photosynthetic Electron Transfer by Diffusion of Protein Mobile Carriers. Multi-particle Brownian and Molecular Modeling. <i>EPJ Web of Conferences</i> , 2019, 224, 03008.	0.1	0
7	Chlorophyll fluorescence induction and relaxation system for the continuous monitoring of photosynthetic capacity in photobioreactors. <i>Physiologia Plantarum</i> , 2019, 165, 476-486.	2.6	28
8	The role of electrostatic interactions in the formation of ferredoxinâ€“ferredoxin NADP+ reductase and ferredoxinâ€“hydrogenase complexes. <i>Biophysics (Russian Federation)</i> , 2016, 61, 572-579.	0.2	8
9	Influence of pH and ionic strength on electrostatic properties of ferredoxin, FNR, and hydrogenase and the rate constants of their interaction. <i>Physical Biology</i> , 2016, 13, 056004.	0.8	16
10	Brownian-dynamics simulations of proteinâ€“protein interactions in the photosynthetic electron transport chain. <i>Biophysics (Russian Federation)</i> , 2015, 60, 212-231.	0.2	11
11	An analysis of the chlorophyll fluorescence transient by spectral multi-exponential approximation. <i>Biophysics (Russian Federation)</i> , 2015, 60, 392-399.	0.2	14
12	The identification of intermediate states of the electron-transfer proteins plastocyanin and cytochrome f diffusional encounters. <i>Biophysics (Russian Federation)</i> , 2015, 60, 513-521.	0.2	10
13	Computer Simulation of Protein-Protein Association in Photosynthesis. <i>Mathematical Modelling of Natural Phenomena</i> , 2011, 6, 39-54.	0.9	14
14	Multiparticle computer simulation of protein interactions in the photosynthetic membrane. <i>Biophysics (Russian Federation)</i> , 2011, 56, 757-767.	0.2	2
15	â€“Ecological photobiologyâ€™ session of the Russian Photobiology Society 9th Congress (Shepsi,) Tj ETQq1 1 0.784314 rgBT /Overbo	1.5	1