

Aleksandr Belov

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

56
citations

1937685

4
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Ab initio model for the chlorophyll-lutein exciton coupling in the LHCII complex. Biophysical Chemistry, 2019, 246, 16-24.	2.8	15
2	<i>Ab Initio</i> Study of Low-Lying Excited States of Carotenoid-Derived Polyenes. Journal of Physical Chemistry A, 2020, 124, 5790-5803.	2.5	14
3	Toward an Accurate <i>Ab Initio</i> Description of Low-Lying Singlet Excited States of Polyenes. Journal of Chemical Theory and Computation, 2021, 17, 4301-4315.	5.3	14
4	Structure and properties of photosynthetic antennas: natural and artificial complexes. Russian Chemical Reviews, 2012, 81, 662-674.	6.5	5
5	Endoscopic skull base reconstruction of large defects: retrospective analysis of 30 cases. Russian Journal of Neurosurgery, 2021, 23, 91-100.	0.2	3
6	Low-Lying Excited States of Natural Carotenoids Viewed by <i>Ab Initio</i> Methods. Journal of Physical Chemistry A, 2022, 126, 4376-4391.	2.5	2
7	A model of dissipative energy transfer in natural and artificial photosystems. Protection of Metals and Physical Chemistry of Surfaces, 2009, 45, 543-547.	1.1	1
8	Comparison of the accuracy of approximate methods TrESP and TrCMM for evaluation of pigment coupling in light-harvesting complexes. Doklady Physical Chemistry, 2016, 468, 63-66.	0.9	1
9	The non-adiabatic exciton transfer in tetrathiafulvalene chains: a theoretical study of signal transmission in a molecular logic system. Physical Chemistry Chemical Physics, 2020, 22, 25243-25254.	2.8	1
10	The femtosecond dynamics of electron transfer in a modified photosynthesis reaction center: Quantum, classical, and kinetic analyses. Russian Journal of Physical Chemistry A, 2006, 80, 1069-1076.	0.6	0
11	Endoscopic endonasal removal of ameloblastoma of the maxillary sinus. A rare case in pediatric practice and a literature review. Endoscopic Surgery, 2022, 28, 49.	0.2	0