

Dmytro Kosenkov

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

256
citations

1040056

9
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	Conditional Singlet Oxygen Generation through a Bioorthogonal DNA-targeted Tetrazine Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12868-12873.	13.8	60
2	Effective fragment potential method in <i>Q-Chem</i> : A guide for users and developers. <i>Journal of Computational Chemistry</i> , 2013, 34, 1060-1070.	3.3	47
3	Integrating Chemistry Laboratory Instrumentation into the Industrial Internet: Building, Programming, and Experimenting with an Automatic Titrator. <i>Journal of Chemical Education</i> , 2016, 93, 175-181.	2.3	31
4	Thermodynamics of Binding of Di- and Tetrasubstituted Naphthalene Diimide Ligands to DNA G-Quadruplex. <i>Journal of Physical Chemistry B</i> , 2015, 119, 3335-3347.	2.6	26
5	Transient-Absorption Spectroscopy of Cis-Trans Isomerization of <i>N,N</i> -Dimethyl-4,4'-azodianiline with 3D-Printed Temperature-Controlled Sample Holder. <i>Journal of Chemical Education</i> , 2016, 93, 1299-1304.	2.3	19
6	Computer-Aided Drug Discovery: Molecular Docking of Diminazene Ligands to DNA Minor Groove. <i>Journal of Chemical Education</i> , 2018, 95, 882-887.	2.3	16
7	Gezielte Singulett-Sauerstoffzeugung durch bioorthogonale DNA-basierte Tetrazin-Ligation. <i>Angewandte Chemie</i> , 2019, 131, 13000-13005.	2.0	14
8	Computer Vision in Chemistry: Automatic Titration. <i>Journal of Chemical Education</i> , 2021, 98, 4067-4073.	2.3	12
9	PyFREC: Software for First electronic coupling evaluation in molecular fragments. <i>Journal of Computational Chemistry</i> , 2016, 37, 1847-1854.	3.3	10
10	Excitation energy transfer pathways in light-harvesting proteins: Modeling with PyFREC. <i>Journal of Computational Chemistry</i> , 2018, 39, 438-449.	3.3	9
11	Quantum dynamics of vibration-assisted excitation energy transfer in phycobiliprotein light-harvesting complex. <i>Journal of Chemical Physics</i> , 2019, 151, 144101.	3.0	8
12	Discovery-Based Computational Activities in the Undergraduate Chemistry Curriculum. <i>ACS Symposium Series</i> , 2019, , 227-243.	0.5	3
13	<i>PyFREC</i> 2.0: Software for excitation energy transfer modeling. <i>Journal of Computational Chemistry</i> , 2022, 43, 1320-1328.	3.3	1
14	Titelbild: Gezielte Singulett-Sauerstoffzeugung durch bioorthogonale DNA-basierte Tetrazin-Ligation (<i>Angew. Chem.</i> 37/2019). <i>Angewandte Chemie</i> , 2019, 131, 12849-12849.	2.0	0
15	Intermolecular interactions of liquefied petroleum gas-alcohol mixtures with phyllosilicates. <i>Structural Chemistry</i> , 2020, 31, 1609-1619.	2.0	0