

Polydefkis Diamantis

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

63
citations

1937685

4
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the Redox Properties of Singlet and Triplet Tris(2,2'-bipyridine)ruthenium(II) ($[\text{Ru}(\text{bpy})_3]^{2+}$) in Aqueous Solution by Full Quantum and Mixed Quantum/Classical Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2014, 118, 3950-3959.	2.6	19
2	Vertical Ionization Energies and Electron Affinities of Native and Damaged DNA Bases, Nucleotides, and Pairs from Density Functional Theory Calculations: Model Assessment and Implications for DNA Damage Recognition and Repair. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 2042-2052.	5.3	19
3	Redox Properties of Native and Damaged DNA from Mixed Quantum Mechanical/Molecular Mechanics Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 6690-6701.	5.3	15
4	Migration of small ligands in globins: Xe diffusion in truncated hemoglobin N. <i>PLoS Computational Biology</i> , 2017, 13, e1005450.	3.2	4
5	Structural and Photophysical Templating of Conjugated Polyelectrolytes with Single-Stranded DNA. <i>Chemistry of Materials</i> , 2020, 32, 7347-7362.	6.7	4
6	Effect of Single-Point Mutations on Nitric Oxide Rebinding and the Thermodynamic Stability of Myoglobin. <i>Journal of Physical Chemistry B</i> , 2019, 123, 1961-1972.	2.6	2