

Marek Pederzoli

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

479
citations

1162889

8
h-index

1474057

9
g-index

10
all docs

10
docs citations

10
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Hopping Dynamics with Correlated Single-Reference Methods: 9H-Adenine as a Case Study. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 1395-1405.	2.3	170
2	Non-adiabatic dynamics of pyrrole: Dependence of deactivation mechanisms on the excitation energy. <i>Chemical Physics</i> , 2010, 375, 26-34.	0.9	124
3	Nonadiabatic Molecular Dynamics Study of the <i>cis</i> → <i>trans</i> Photoisomerization of Azobenzene Excited to the <i>S</i> ₁ State. <i>Journal of Physical Chemistry A</i> , 2011, 115, 11136-11143.	1.1	109
4	A new approach to molecular dynamics with non-adiabatic and spin-orbit effects with applications to QM/MM simulations of thiophene and selenophene. <i>Journal of Chemical Physics</i> , 2017, 146, 114101.	1.2	22
5	Orientation of Laurdan in Phospholipid Bilayers Influences Its Fluorescence: Quantum Mechanics and Classical Molecular Dynamics Study. <i>Molecules</i> , 2018, 23, 1707.	1.7	17
6	Fluorescence of PRODAN in water: A computational QM/MM MD study. <i>Chemical Physics Letters</i> , 2014, 597, 57-62.	1.2	14
7	Photophysics of BODIPY-Based Photosensitizer for Photodynamic Therapy: Surface Hopping and Classical Molecular Dynamics. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5046-5057.	2.3	13
8	Theoretical Investigation of the Effect of Alkylation and Bromination on Intersystem Crossing in BODIPY-Based Photosensitizers. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11617-11627.	1.2	8
9	<i>Cis-trans</i> photoisomerization of azobenzene upon excitation to the <i>S</i> ₁ state: an ab initio molecular dynamics and QM/MM study. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
10	Bodipy-Based Photosensitizer for Photodynamic Therapy - Photophysics and Membrane Localisation Via Classical Molecular Dynamics and Surface Hopping. <i>Biophysical Journal</i> , 2020, 118, 79a.	0.2	0