

Yair Litman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5693411/publications.pdf>

Version: 2024-02-01

17
papers

438
citations

1307594

7
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

771
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissipative tunneling rates through the incorporation of first-principles electronic friction in instanton rate theory. I. Theory. <i>Journal of Chemical Physics</i> , 2022, 156, .	3.0	6
2	Dissipative tunneling rates through the incorporation of first-principles electronic friction in instanton rate theory. II. Benchmarks and applications. <i>Journal of Chemical Physics</i> , 2022, 156, .	3.0	4
3	Temperature dependence of the vibrational spectrum of porphycene: a qualitative failure of classical-nuclei molecular dynamics. <i>Faraday Discussions</i> , 2020, 221, 526-546.	3.2	22
4	Multidimensional Hydrogen Tunneling in Supported Molecular Switches: The Role of Surface Interactions. <i>Physical Review Letters</i> , 2020, 125, 216001.	7.8	6
5	Elucidating the Nuclear Quantum Dynamics of Intramolecular Double Hydrogen Transfer in Porphycene. <i>Journal of the American Chemical Society</i> , 2019, 141, 2526-2534.	13.7	68
6	i-PI 2.0: A universal force engine for advanced molecular simulations. <i>Computer Physics Communications</i> , 2019, 236, 214-223.	7.5	220
7	Emerging opportunities and future directions: general discussion. <i>Faraday Discussions</i> , 2019, 221, 564-581.	3.2	5
8	Spectroscopic signatures of quantum effects: general discussion. <i>Faraday Discussions</i> , 2019, 221, 322-349.	3.2	2
9	Zero-point energy and tunnelling: general discussion. <i>Faraday Discussions</i> , 2019, 221, 478-500.	3.2	4
10	Quantum coherence in complex environments: general discussion. <i>Faraday Discussions</i> , 2019, 221, 168-201.	3.2	5
11	Quantum tunneling in real space: Tautomerization of single porphycene molecules on the (111) surface of Cu, Ag, and Au. <i>Journal of Chemical Physics</i> , 2018, 148, 102330.	3.0	29
12	Decisive role of nuclear quantum effects on surface mediated water dissociation at finite temperature. <i>Journal of Chemical Physics</i> , 2018, 148, 102320.	3.0	32
13	Photophysics of Xanthene Dyes at High Concentrations in Solid Environments: Charge Transfer Assisted Triplet Formation. <i>Photochemistry and Photobiology</i> , 2018, 94, 865-874.	2.5	8
14	Positional Isotope Exchange in $\text{HX}\cdot(\text{H}_2\text{O})_n$ ($X = \text{F}, \text{I}$) Clusters at Low Temperatures. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7213-7224.	2.5	5
15	Tuning the concentration of dye loaded polymer films for maximum photosensitization efficiency: phloxine B in poly(2-hydroxyethyl methacrylate). <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 80-85.	2.9	15
16	Effect of Concentration on the Formation of Rose Bengal Triplet State on Microcrystalline Cellulose: A Combined Laser-Induced Optoacoustic Spectroscopy, Diffuse Reflectance Flash Photolysis, and Luminescence Study. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10531-10537.	2.5	7
17	Novel, simple and fast automated synthesis of [¹⁸ F]-choline in a single Synthera module. , 2012, , .		0