

Rajagopala Reddy Seelam

List of Publications by Year in descending order

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18
papers

548
citations

932766

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839053

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docs citations

18
times ranked

669
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel versus Twisted Pentacenes: Conformational Impact on Singlet Fission. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5094-5100.	2.1	7
2	Localization dynamics in a centrally coupled system. <i>Physical Review B</i> , 2021, 103, .	1.1	3
3	Mechanistic Investigations for the Formation of Active Hexafluoroisopropyl Benzoates Involving Aza α -Oxyallyl Cation and Anthranils. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 2136-2143.	1.3	8
4	Electronic spectroscopy of carbon chains (C_{2n+1} , $n = 7 \text{--} 10$) of astrophysical importance. I. Quantum chemistry. <i>Journal of Chemical Physics</i> , 2019, 151, .	1.2	3
5	Electronic spectroscopy of carbon chains (C_{2n+1} , $n = 7 \text{--} 10$) of astrophysical importance. II. Quantum dynamics. <i>Journal of Chemical Physics</i> , 2019, 151, 054304.	1.2	1
6	Quantum dynamical simulation of intramolecular singlet fission in covalently coupled pentacene dimers. <i>Journal of Chemical Physics</i> , 2019, 151, 044307.	1.2	14
7	Intermolecular Singlet Fission in Unsymmetrical Derivatives of Pentacene in Solution. <i>Advanced Energy Materials</i> , 2019, 9, 1802221.	10.2	20
8	Intramolecular Singlet Fission: Insights from Quantum Dynamical Simulations. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5979-5986.	2.1	31
9	Theoretical study of intramolecular singlet fission in xanthene-bonded pentacene dimers. <i>Chemical Physics</i> , 2018, 515, 628-634.	0.9	3
10	Evidence for Charge-Transfer Mediation in the Primary Events of Singlet Fission in a Weakly Coupled Pentacene Dimer. <i>CheM</i> , 2018, 4, 1092-1111.	5.8	105
11	Unified model for singlet fission within a non-conjugated covalent pentacene dimer. <i>Nature Communications</i> , 2017, 8, 15171.	5.8	176
12	On the Jahn-Teller effect in the $X^1\Sigma^+$ electronic ground state of CH_3F^+ . <i>Chemical Physics</i> , 2017, 482, 39-51.	0.9	9
13	Solution-based intramolecular singlet fission in cross-conjugated pentacene dimers. <i>Nanoscale</i> , 2016, 8, 10113-10123.	2.8	108
14	Vibronic Coupling in the $X^1\Sigma^+$ Band System of Diacetylene Radical Cation. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7881-7889.	1.1	4
15	Theoretical study of photodetachment processes of anionic boron cluster. III. $\{m B\}_7^-$. <i>Journal of Chemical Physics</i> , 2014, 140, 084311.	1.2	10
16	Theoretical study of photodetachment processes of anionic boron clusters. II. Dynamics. <i>Journal of Chemical Physics</i> , 2012, 136, 024323.	1.2	13
17	Theoretical study of photodetachment processes of anionic boron clusters. I. Structure. <i>Journal of Chemical Physics</i> , 2012, 136, 024322.	1.2	11
18	Photophysics of fluorinated benzene. III. Hexafluorobenzene. <i>Journal of Chemical Physics</i> , 2012, 137, 054311.	1.2	22