

Azusa Muraoka

List of Publications by Year in descending order

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12
papers

346
citations

1937685

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1281871

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docs citations

12
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical study of the Fe(btr) ₂ (NCS) ₂ spin-crossover complex with reparameterized density functionals. <i>Chemical Physics Letters</i> , 2020, 738, 136867.	2.6	2
2	Laser-induced fluorescence of the trans-CHBrCHO radical. <i>Journal of Chemical Physics</i> , 2020, 153, 104301.	3.0	0
3	Electronic structure of sumanene-type Buckycatcher by DFT calculations. <i>Chemical Physics Letters</i> , 2020, 748, 137393.	2.6	4
4	Laser-induced fluorescence of the CHFCHO radical and reaction of OH radicals with halogenated ethylenes. <i>Journal of Chemical Physics</i> , 2019, 150, 174302.	3.0	1
5	Investigations on the charge transfer mechanism at donor/acceptor interfaces in the quest for descriptors of organic solar cell performance. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12193-12199.	2.8	6
6	Theoretical Study of Solvent Effects on the Helical Inversion of <i>ortho</i> -Phenylene Derivatives. <i>Chemistry Letters</i> , 2018, 47, 487-489.	1.3	2
7	Electronically excited states of carbazole-modified <i>ortho</i> -phenylenes. <i>Chemical Physics Letters</i> , 2018, 693, 95-100.	2.6	1
8	Theoretical Study on Charge-transfer Excitations of Buckycatcher-Fullerene Complexes. <i>Chemistry Letters</i> , 2018, 47, 514-517.	1.3	1
9	Reparametrization Approach of DFT Functionals Based on the Equilibrium Temperature of Spin-Crossover Compounds. <i>Journal of Physical Chemistry A</i> , 2014, 118, 9005-9012.	2.5	22
10	Helical inversion reaction pathways for tetrameric <i>o</i> -phenylene oligomers. <i>Chemical Physics Letters</i> , 2013, 582, 44-48.	2.6	4
11	Two-dimensional Ising-like model with specific edge effects for spin-crossover nanoparticles: A Monte Carlo study. <i>Physical Review B</i> , 2011, 84, .	3.2	106
12	Redox-responsive molecular helices with highly condensed π -clouds. <i>Nature Chemistry</i> , 2011, 3, 68-73.	13.6	197