

Shengmin Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

223
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1478505

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11
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Janus second-order nonlinear optical dendrimers: their controllable molecular topology and corresponding largely enhanced performance. <i>Chemical Science</i> , 2017, 8, 340-347.	7.4	59
2	Unraveling the structural and chemical features of biological short hydrogen bonds. <i>Chemical Science</i> , 2019, 10, 7734-7745.	7.4	43
3	Dendronized hyperbranched polymers containing isolation chromophores: design, synthesis and further enhancement of the comprehensive NLO performance. <i>Polymer Chemistry</i> , 2015, 6, 5580-5589.	3.9	40
4	New α -type second-order nonlinear optical (NLO) dendrimers: fewer chromophore moieties and high NLO effects. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4545-4552.	5.5	31
5	Symmetry and ^1H NMR chemical shifts of short hydrogen bonds: impact of electronic and nuclear quantum effects. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4884-4895.	2.8	17
6	The integration of an α -type dendron into polymers to further improve the comprehensive NLO performance. <i>Polymer Chemistry</i> , 2015, 6, 6680-6688.	3.9	16
7	Quantum mechanical effects in acid-base chemistry. <i>Chemical Science</i> , 2022, 13, 6998-7006.	7.4	8
8	Quantum effects and ^1H NMR chemical shifts of a bifurcated short hydrogen bond. <i>Journal of Chemical Physics</i> , 2020, 153, 114301.	3.0	4
9	Effective prediction of short hydrogen bonds in proteins via machine learning method. <i>Scientific Reports</i> , 2022, 12, 469.	3.3	4
10	Short Hydrogen Bonds in Proteins. , 2024, , 735-754.		1