

# Shengmin Zhou

## List of Publications by Year in descending order

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10  
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1478505

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1474206

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g-index

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docs citations

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times ranked

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