

Zhongtao Wu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

287
citations

1040056

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23
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docs citations

23
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Mangiferin, Isomangiferin, and Homomangiferin. <i>Journal of Organic Chemistry</i> , 2010, 75, 5725-5728.	3.2	49
2	Solid-state spiropyrans exhibiting photochromic properties based on molecular flexibility. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3119-3124.	5.9	35
3	In Vivo Biosynthesis of Terpene Nucleosides Provides Unique Chemical Markers of Mycobacterium tuberculosis Infection. <i>Chemistry and Biology</i> , 2015, 22, 516-526.	6.0	34
4	Photoregulation between small DNAs and reversible photochromic molecules. <i>Biomaterials Science</i> , 2019, 7, 4944-4962.	5.4	26
5	Total Synthesis of (1 <i>R,R,R</i>)- α -tocopherol through Cu-catalyzed Asymmetric 1,2-Addition. <i>Chemistry - A European Journal</i> , 2014, 20, 14250-14255.	3.3	22
6	Catalytic Asymmetric Synthesis of Dihydrofurans and Cyclopentenols with Tertiary Stereocenters. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 575-582.	2.4	17
7	Selective mercury(^{II}) detection in aqueous solutions upon the absorption changes corresponding to the transition moments polarized along the short axis of an azobenzene chemosensor. <i>Analyst</i> , 2020, 145, 1641-1645.	3.5	13
8	Photoliquefiable DNA-surfactant ionic crystals: Anhydrous self-healing biomaterials at room temperature. <i>Acta Biomaterialia</i> , 2021, 128, 143-149.	8.3	13
9	One-Pot Synthesis of Spiropyrans. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1866-1869.	2.7	9
10	Photoregulative phase change biomaterials showing thermodynamic and mechanical stabilities. <i>Nanoscale</i> , 2022, 14, 976-983.	5.6	9
11	Photoswitchable solvent-free DNA thermotropic liquid crystals toward self-erasable shape information recording biomaterials. <i>Materials Today Bio</i> , 2021, 12, 100140.	5.5	8
12	Powerful tailoring effects of counterions of ammonium surfactants on the phase transitions of solvent-free DNA thermotropic liquid crystals. <i>Journal of Molecular Liquids</i> , 2021, 337, 116480.	4.9	8
13	Impact of double-chain surfactant stabilizer on the free active surface sites of gold nanoparticles. <i>Molecular Catalysis</i> , 2021, 501, 111377.	2.0	7
14	Disordered Low Molecular Weight Spiropyran Exhibiting Photoregulated Adhesion Ability. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	7
15	Tailoring effects of the chain length and terminal substituent on the photochromism of solid-state spiropyrans. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8722-8726.	2.8	6
16	Visible Light Responsive DNA Thermotropic Liquid Crystals Based on a Photothermal Effect of Gold Nanoparticles. <i>Journal of Analysis and Testing</i> , 2021, 5, 181-187.	5.1	6
17	A protecting group-free synthesis of the Colorado potato beetle pheromone. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2374-2377.	2.2	5
18	Thermodynamic stability of <i>cis</i> -azobenzene containing DNA materials based on van der Waals forces. <i>Chemical Communications</i> , 2022, 58, 3811-3814.	4.1	5

#	ARTICLE	IF	CITATIONS
19	Synthesis of Talosin A and B, Two Bioactive Isoflavonoid Glycosides. Chinese Journal of Chemistry, 2010, 28, 1725-1730.	4.9	4
20	Fluorescent DNA thermotropic liquid crystal showing thermostability and water-resistance. Dyes and Pigments, 2022, 204, 110449.	3.7	2
21	Fluorescent solvent-free lignin ionic complexes with thermostability toward a luminescent hydrophobic coating material. Materials Chemistry Frontiers, 2022, 6, 2122-2127.	5.9	2