

Tao Zhang

List of Publications by Year in descending order

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16
papers

122
citations

1478505

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1281871

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docs citations

16
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	Two sugar-rhodamine fluorescent probes for the selective detection of Fe ³⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 226-234.	3.9	27
2	A Novel Turn On Glucose-Based Rhodamine B Fluorescent Chemosensor for Mercury Ions Recognition in Aqueous Solution. <i>Spectroscopy Letters</i> , 2015, 48, 578-585.	1.0	18
3	A novel fluorescent probe based on ¹² C-glycoside for quantification of bovine serum albumin. <i>Dyes and Pigments</i> , 2017, 139, 334-343.	3.7	17
4	A Novel Dicyanoisophorone-Based Ratiometric Fluorescent Probe for Selective Detection of Cysteine and Its Bioimaging Application in Living Cells. <i>Molecules</i> , 2018, 23, 475.	3.8	12
5	A novel Hg ²⁺ -selective fluorescent chemprobe based on thiooxorhodamine-B and ¹² C-glycoside. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 495-501.	3.9	10
6	Synthesis, screening and sensing applications of a novel fluorescent probe based on C-glycosides. <i>RSC Advances</i> , 2016, 6, 18357-18363.	3.6	8
7	Synthesis of 24(28)-Methylene-1 ²⁵ -Hydroxyvitamin D ₃ , a Novel Vitamin D ₃ Analogue. <i>Journal of Chemical Research</i> , 2014, 38, 231-235.	1.3	6
8	A novel glutathione-triggered theranostic prodrug for anticancer and imaging in living cells. <i>RSC Advances</i> , 2018, 8, 11419-11423.	3.6	5
9	The concise synthesis and biological evaluation of C-glycosyl chalcone analogues inspired by the natural product aspalathin. <i>RSC Advances</i> , 2017, 7, 3021-3024.	3.6	4
10	Efficient Synthesis of Novel Oxime Analogues of the Hormone 1 ²⁵ , 25-Dihydroxyvitamin D ₃ . <i>Journal of Chemical Research</i> , 2015, 39, 368-372.	1.3	3
11	Regioselective Monoesterification Study of the Diol in 1-C-(4,6-O-Benzylidene- ² -D-glucopyranosyl) Acetone. <i>Synthetic Communications</i> , 2015, 45, 2567-2575.	2.1	3
12	Stereoselective synthesis of tacalcitol via (R)-MeCBS catalyzed borane reduction. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 410-413.	1.8	3
13	Exploring substituent diversity of deoxynojirimycin-triazole hybrid iminosugars: Discovery of potent glucosidase inhibitors. <i>Journal of Carbohydrate Chemistry</i> , 2020, 39, 415-436.	1.1	3
14	Modifications at the 6-O-position of 1-deoxynojirimycin: facile and efficient synthesis of 6-O-alkylated-N-octyl-1-deoxynojirimycin derivatives. <i>Journal of Carbohydrate Chemistry</i> , 2017, 36, 295-306.	1.1	2
15	Chemical synthesis and preliminary biological evaluation of C-6-O-methyl-1-deoxynojirimycin as a potent ¹² -glucosidase inhibitor. <i>Journal of Carbohydrate Chemistry</i> , 2020, 39, 36-49.	1.1	1
16	Synthesis of a small library of oximes and phenylhydrazones of phenyl ketone C-glycosides. <i>Journal of Carbohydrate Chemistry</i> , 2016, 35, 261-272.	1.1	0