

# Tao Zhang

## List of Publications by Year in descending order

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16  
papers

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citations

1478505

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1281871

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical synthesis and preliminary biological evaluation of C-6-O-methyl-1-deoxynojirimycin as a potent $\alpha$ -glucosidase inhibitor. <i>Journal of Carbohydrate Chemistry</i> , 2020, 39, 36-49.	1.1	1
2	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
3	Two sugar-rhodamine turn-on fluorescent probes for the selective detection of Fe <sup>3+</sup> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 226-234.	3.9	27
4	A novel glutathione-triggered theranostic prodrug for anticancer and imaging in living cells. <i>RSC Advances</i> , 2018, 8, 11419-11423.	3.6	5
5	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
6	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
7	Stereoselective synthesis of tacalcitol via (R)-MeCBS catalyzed borane reduction. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 410-413.	1.8	3
8	A novel fluorescent probe based on $\beta$ -C-glycoside for quantification of bovine serum albumin. <i>Dyes and Pigments</i> , 2017, 139, 334-343.	3.7	17
9	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
10	A novel Hg <sup>2+</sup> -selective fluorescent chemprobe based on thiooxorhodamine-B and $\beta$ -C-glycoside. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 495-501.	3.9	10
11	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
12	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
13	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
14	Efficient Synthesis of Novel Oxime Analogues of the Hormone $1\alpha, 25$ -Dihydroxyvitamin D <sub>3</sub> . <i>Journal of Chemical Research</i> , 2015, 39, 368-372.	1.3	3
15	Regioselective Monoesterification Study of the Diol in 1-C-(4,6-O-Benzylidene- $\beta$ -D-glucopyranosyl) Acetone. <i>Synthetic Communications</i> , 2015, 45, 2567-2575.	2.1	3
16	Synthesis of 24(28)-Methylene- $1\alpha$ -Hydroxyvitamin D <sub>3</sub> , a Novel Vitamin D <sub>3</sub> Analogue. <i>Journal of Chemical Research</i> , 2014, 38, 231-235.	1.3	6