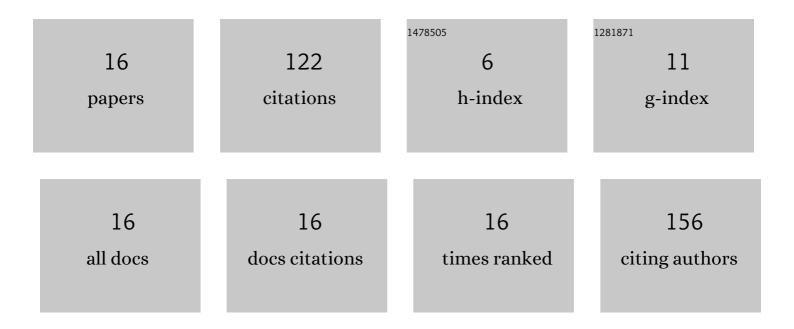
Tao Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Chemical synthesis and preliminary biological evaluation of C-6- <i>O</i> -methyl-1-deoxynojirimycin as a potent α-glucosidase inhibitor. Journal of Carbohydrate Chemistry, 2020, 39, 36-49.	1.1	1
2	Exploring substituent diversity of deoxynojirimycin–triazole hybrid iminosugars: Discovery of potent glucosidase inhibitors. Journal of Carbohydrate Chemistry, 2020, 39, 415-436.	1.1	3
3	Two sugar-rhodamine "turn-on―fluorescent probes for the selective detection of Fe3+. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 226-234.	3.9	27
4	A novel glutathione-triggered theranostic prodrug for anticancer and imaging in living cells. RSC Advances, 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. Molecules, 2018, 23, 475.	3.8	12
6	The concise synthesis and biological evaluation of C-glycosyl chalcone analogues inspired by the natural product aspalathin. RSC Advances, 2017, 7, 3021-3024.	3.6	4
7	Stereoselective synthesis of tacalcitol via (R)-MeCBS catalyzed borane reduction. Tetrahedron: Asymmetry, 2017, 28, 410-413.	1.8	3
8	A novel fluorescent probe based on β - C- glycoside for quantification of bovine serum albumin. Dyes and Pigments, 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. Journal of Carbohydrate Chemistry, 2017, 36, 295-306.	1.1	2
10	A novel Hg2+-selective fluorescent chemprobe based on thiooxorhodamine-B and β-C-glycoside. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 173, 495-501.	3.9	10
11	Synthesis, screening and sensing applications of a novel fluorescent probe based on C-glycosides. RSC Advances, 2016, 6, 18357-18363.	3.6	8
12	Synthesis of a small library of oximes and phenylhydrazones of phenyl ketone <i>C</i> -glycosides. Journal of Carbohydrate Chemistry, 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. Spectroscopy Letters, 2015, 48, 578-585.	1.0	18
14	Efficient Synthesis of Novel Oxime Analogues of the Hormone 1α, 25-Dihydroxyvitamin D3. Journal of Chemical Research, 2015, 39, 368-372.	1.3	3
15	Regioselective Monoesterification Study of the Diol in 1-C-(4,6-O-Benzylidene-β-D-glucopyranosyl) Acetone. Synthetic Communications, 2015, 45, 2567-2575.	2.1	3
16	Synthesis of 24(28)-Methylene-1α-Hydroxyvitamin D3, a Novel Vitamin D3 Analogue. Journal of Chemical Research, 2014, 38, 231-235.	1.3	6