

Shilei Zhu

List of Publications by Year in descending order

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1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Water-Soluble Neutral BODIPY Dyes with Controllable Fluorescence Quantum Yields. <i>Organic Letters</i> , 2011, 13, 438-441.	4.6	154
2	Exploration of the correlation between the structure, hemolytic activity, and cytotoxicity of steroid saponins. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 2528-2532.	3.0	116
3	Highly water-soluble BODIPY-based fluorescent probes for sensitive fluorescent sensing of zinc(ii). <i>Journal of Materials Chemistry B</i> , 2013, 1, 1722.	5.8	79
4	Highly Water-Soluble BODIPY-Based Fluorescent Probe for Sensitive and Selective Detection of Nitric Oxide in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4107-4112.	8.0	73
5	BODIPY-Based Fluorescent Probes for Sensing Protein Surface-Hydrophobicity. <i>Scientific Reports</i> , 2015, 5, 18337.	3.3	73
6	BODIPY-based ratiometric fluorescent probes for the sensitive and selective sensing of cyanide ions. <i>RSC Advances</i> , 2013, 3, 68-72.	3.6	59
7	Near-infrared emissive BODIPY polymeric and copolymeric dyes. <i>Polymer</i> , 2010, 51, 5359-5368.	3.8	57
8	Controlled Knoevenagel reactions of methyl groups of 1,3,5,7-tetramethyl BODIPY dyes for unique BODIPY dyes. <i>RSC Advances</i> , 2012, 2, 404-407.	3.6	52
9	Designer α 1,6-Fucosidase Mutants Enable Direct Core Fucosylation of Intact N-Glycopeptides and N-Glycoproteins. <i>Journal of the American Chemical Society</i> , 2017, 139, 15074-15087.	13.7	49
10	Glycan Remodeling of Human Erythropoietin (EPO) Through Combined Mammalian Cell Engineering and Chemoenzymatic Transglycosylation. <i>ACS Chemical Biology</i> , 2017, 12, 1665-1673.	3.4	43
11	Highly water-soluble, near-infrared emissive BODIPY polymeric dye bearing RGD peptide residues for cancer imaging. <i>Analytica Chimica Acta</i> , 2013, 758, 138-144.	5.4	40
12	Highly water-soluble neutral near-infrared emissive BODIPY polymeric dyes. <i>Journal of Materials Chemistry</i> , 2012, 22, 2781-2790.	6.7	37
13	One-pot efficient synthesis of dimeric, trimeric, and tetrameric BODIPY dyes for panchromatic absorption. <i>Chemical Communications</i> , 2011, 47, 3508.	4.1	36
14	Functionalization of BODIPY dyes at 2,6-positions through formyl groups. <i>RSC Advances</i> , 2013, 3, 4793.	3.6	25
15	Synthesis and cytotoxicities of dioscin derivatives with decorated chactriosyl residues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5629-5632.	2.2	22
16	Photoelectrochemical properties and interfacial charge transfer kinetics of BODIPY-sensitized TiO ₂ electrodes. <i>RSC Advances</i> , 2013, 3, 2306.	3.6	19
17	A facile synthesis of a complex type N-glycan thiazoline as an effective inhibitor against the antibody-deactivating endo- β -N-acetylglucosaminidases. <i>Journal of Carbohydrate Chemistry</i> , 2017, 36, 336-346.	1.1	1