

Shilei Zhu

List of Publications by Year in descending order

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17
papers

935
citations

516710

16
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1624
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | BODIPY-Based Fluorescent Probes for Sensing Protein Surface-Hydrophobicity. <i>Scientific Reports</i> , 2015, 5, 18337. | 3.3 | 73 |
| 5 | Photoelectrochemical properties and interfacial charge transfer kinetics of BODIPY-sensitized TiO ₂ electrodes. <i>RSC Advances</i> , 2013, 3, 2306. | 3.6 | 19 |
| 6 | 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 |
| 7 | Functionalization of BODIPY dyes at 2,6-positions through formyl groups. <i>RSC Advances</i> , 2013, 3, 4793. | 3.6 | 25 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 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 | Highly Water-Soluble Neutral BODIPY Dyes with Controllable Fluorescence Quantum Yields. <i>Organic Letters</i> , 2011, 13, 438-441. | 4.6 | 154 |
| 15 | Near-infrared emissive BODIPY polymeric and copolymeric dyes. <i>Polymer</i> , 2010, 51, 5359-5368. | 3.8 | 57 |
| 16 | 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 |
| 17 | Synthesis and cytotoxicities of dioscin derivatives with decorated chactriosyl residues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5629-5632. | 2.2 | 22 |