

Xiujian Shi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,342
citations

361296

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580701

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docs citations

26
times ranked

2011
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized Acrylonitriles with Aggregation-Induced Emission: Structure Tuning by Simple Reaction-Condition Variation, Efficient Red Emission, and Two-Photon Bioimaging. <i>Journal of the American Chemical Society</i> , 2019, 141, 15111-15120.	6.6	155
2	AIE luminogens as fluorescent bioprobes. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 123, 115769.	5.8	133
3	Killing G(+) or G(âˆ”) Bacteria? The Important Role of Molecular Charge in AIE-Active Photosensitizers. <i>Small Methods</i> , 2020, 4, 2000046.	4.6	114
4	A Simple Approach to Bioconjugation at Diverse Levels: Metal-Free Click Reactions of Activated Alkynes with Native Groups of Biotargets without Prefunctionalization. <i>Research</i> , 2018, 2018, 3152870.	2.8	86
5	A red-emissive antibody-â€AIEgen conjugate for turn-on and wash-free imaging of specific cancer cells. <i>Chemical Science</i> , 2017, 8, 7014-7024.	3.7	79
6	Highly Sensitive Detection of Caspase-3 Activities via a Nonconjugated Gold Nanoparticle-â€Quantum Dot Pair Mediated by an Inner-Filter Effect. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9798-9802.	4.0	78
7	Spectroscopic investigation of the interactions between gold nanoparticles and bovine serum albumin. <i>Science Bulletin</i> , 2012, 57, 1109-1115.	1.7	72
8	Maintaining the pluripotency of mouse embryonic stem cells on gold nanoparticle layers with nanoscale but not microscale surface roughness. <i>Nanoscale</i> , 2014, 6, 6959.	2.8	54
9	Bioinspired Blood Compatible Surface Having Combined Fibrinolytic and Vascular Endothelium-â€Like Properties via a Sequential Coimmobilization Strategy. <i>Advanced Functional Materials</i> , 2015, 25, 5206-5213.	7.8	53
10	<i>In vivo</i> monitoring of tissue regeneration using a ratiometric lysosomal AIE probe. <i>Chemical Science</i> , 2020, 11, 3152-3163.	3.7	52
11	6-O-Sulfated Chitosan Promoting the Neural Differentiation of Mouse Embryonic Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20043-20050.	4.0	49
12	Facile Synthesis of Thermally Stable Poly(<i>N</i> -vinylpyrrolidone)-Modified Gold Surfaces by Surface-Initiated Atom Transfer Radical Polymerization. <i>Langmuir</i> , 2012, 28, 9451-9459.	1.6	47
13	Cell Adhesion on a POEGMA-Modified Topographical Surface. <i>Langmuir</i> , 2012, 28, 17011-17018.	1.6	43
14	Control the Wettability of Poly(<i>N</i> -isopropylacrylamide- <i>co</i> -1-adamantan-1-ylmethyl) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2	1.6	43
15	Fast surface immobilization of native proteins through catalyst-free amino-yne click bioconjugation. <i>Chemical Science</i> , 2020, 11, 3931-3935.	3.7	42
16	Block Copolymer Modified Surfaces for Conjugation of Biomacromolecules with Control of Quantity and Activity. <i>Langmuir</i> , 2013, 29, 1122-1128.	1.6	40
17	Supramolecular Polymerization with Dynamic Self-Sorting Sequence Control. <i>Macromolecules</i> , 2019, 52, 8814-8825.	2.2	40
18	A lipophilic AIEgen for lipid droplet imaging and evaluation of the efficacy of HIF-1 targeting drugs. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1516-1523.	2.9	34

#	ARTICLE	IF	CITATIONS
19	Integrating a thermoresponsive copolymer with host-guest interactions for fabricating molecular recognition surfaces. <i>Materials Horizons</i> , 2014, 1, 540-545.	6.4	26
20	Regulation of Protein Binding Capability of Surfaces via Host-Guest Interactions: Effects of Localized and Average Ligand Density. <i>Langmuir</i> , 2015, 31, 6172-6178.	1.6	23
21	Protein-polymer conjugates prepared via host-guest interactions: effects of the conjugation site, polymer type and molecular weight on protein activity. <i>Polymer Chemistry</i> , 2016, 7, 5139-5146.	1.9	21
22	Fast and Green Synthesis of a Smart Glyco-surface via Aqueous Single Electron Transfer-Living Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1491-1497.	1.1	20
23	Promoting neural differentiation of embryonic stem cells using β -cyclodextrin sulfonate. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1896-1900.	2.9	16
24	Real-time in vitro monitoring of the subcellular toxicity of inorganic Hg and methylmercury in zebrafish cells. <i>Aquatic Toxicology</i> , 2021, 236, 105859.	1.9	12
25	Tunable fluorescent pseudorotaxane from axle-length-dependent cucurbit[7]uril complexation. <i>Dyes and Pigments</i> , 2020, 172, 107785.	2.0	9