Chunlei Zhu

List of Publications by Year
in descending order

54	3,916	185998 28	174990 52
papers	citations	h-index	g-index

58	58	58	5575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Exceptional Broad-Spectrum Nanobiocide for Multimodal and Synergistic Inactivation of Drug-Resistant Bacteria. CCS Chemistry, 2022, 4, 272-285.	4.6	21
2	Bringing Inherent Charges into Aggregation-Induced Emission Research. Accounts of Chemical Research, 2022, 55, 197-208.	7.6	40
3	Polarity-Sensitive Fluorescent Probe for Reflecting the Packing Degree of Bacterial Membrane Lipids. Analytical Chemistry, 2022, 94, 3303-3312.	3.2	12
4	Bridging Dâ€“A type photosensitizers with the azo group to boost intersystem crossing for efficient photodynamic therapy. Chemical Science, 2022, 13, 4139-4149.	3.7	18
5	A receptor-targeting AIE photosensitizer for selective bacterial killing and real-time monitoring of photodynamic therapy outcome. Chemical Communications, 2022, 58, 7058-7061.	2.2	17
6	Transporting mitochondrion-targeting photosensitizers into cancer cells by low-density lipoproteins for fluorescence-feedback photodynamic therapy. Nanoscale, 2021, 13, 1195-1205.	2.8	28
7	Bringing naturally-occurring saturated fatty acids into biomedical research. Journal of Materials Chemistry B, 2021, 9, 6973-6987.	2.9	13
8	Self-assembly of virulent amyloid-derived peptides into nanoantibacterials. Nanoscale, 2021, 13, 9864-9872.	2.8	8
9	Augmenting Tendonâ€toâ€Bone Repair with Functionally Graded Scaffolds. Advanced Healthcare Materials, 2021, 10, e2002269.	3.9	34
10	InnenrÃ¼cktitelbild: Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning (Angew. Chem. 35/2021). Angewandte Chemie, 2021, 133, 19643-19643.	1.6	0
11	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. Angewandte Chemie, 2021, 133, 19371-19380.	1.6	2
12	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. Angewandte Chemie - International Edition, 2021, 60, 19222-19231.	7.2	29
13	A Sensitive and Reliable Organic Fluorescent Nanothermometer for Noninvasive Temperature Sensing. Journal of the American Chemical Society, 2021, 143, 14147-14157.	6.6	84
14	Evaluation the binding of chelerythrine, a potentially harmful toxin, with bovine serum albumin. Food and Chemical Toxicology, 2020, 135, 110933.	1.8	19
15	Profiling the interaction of Al(III)-GFLX complex, a potential pollution risk, with bovine serum albumin. Food and Chemical Toxicology, 2020, 136, 111058.	1.8	18
16	Self-Reporting and Photothermally Enhanced Rapid Bacterial Killing on a Laser-Induced Graphene Mask. ACS Nano, 2020, 14, 12045-12053.	7.3	191
17	Promoting the Outgrowth of Neurites on Electrospun Microfibers by Functionalization with Electrosprayed Microparticles of Fatty Acids. Angewandte Chemie, 2019, 131, 3988-3991.	1.6	5
18	Promoting the Outgrowth of Neurites on Electrospun Microfibers by Functionalization with Electrosprayed Microparticles of Fatty Acids. Angewandte Chemie - International Edition, 2019, 58, 3948-3951.	7.2	32

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19	Nearâ€Infraredâ€Triggered Release of Ca²⁺ Ions for Potential Application in Combination Cancer Therapy. Advanced Healthcare Materials, 2019, 8, e1801113.	3.9	39
20	Tissue Regeneration: Design and Fabrication of a Hierarchically Structured Scaffold for Tendonâ€toâ€Bone Repair (Adv. Mater. 16/2018). Advanced Materials, 2018, 30, 1870116.	11.1	15
21	Combination cancer treatment through photothermally controlled release of selenous acid from gold nanocages. Biomaterials, 2018, 178, 517-526.	5.7	79
22	General Method for Generating Circular Gradients of Active Proteins on Nanofiber Scaffolds Sought for Wound Closure and Related Applications. ACS Applied Materials & Interfaces, 2018, 10, 8536-8545.	4.0	43
23	Integration of Phaseâ€Change Materials with Electrospun Fibers for Promoting Neurite Outgrowth under Controlled Release. Advanced Functional Materials, 2018, 28, 1705563.	7.8	82
24	Design and Fabrication of a Hierarchically Structured Scaffold for Tendonâ€toâ€Bone Repair. Advanced Materials, 2018, 30, e1707306.	11.1	82
25	Continuous processing of phase-change materials into uniform nanoparticles for near-infrared-triggered drug release. Nanoscale, 2018, 10, 22312-22318.	2.8	29
26	Aggregation-Induced Emission: A Trailblazing Journey to the Field of Biomedicine. ACS Applied Bio Materials, 2018, 1, 1768-1786.	2.3	219
27	Inverse Opal Scaffolds with Gradations in Mineral Content for Spatial Control of Osteogenesis. Advanced Materials, 2018, 30, e1706706.	11.1	30
28	Aggregation-Induced Emission Luminogen with Near-Infrared-II Excitation and Near-Infrared-I Emission for Ultradeep Intravital Two-Photon Microscopy. ACS Nano, 2018, 12, 7936-7945.	7.3	193
29	Enhancing the Mechanical Properties of Electrospun Nanofiber Mats through Controllable Welding at the Cross Points. Macromolecular Rapid Communications, 2017, 38, 1600723.	2.0	73
30	A Hybrid Nanomaterial for the Controlled Generation of Free Radicals and Oxidative Destruction of Hypoxic Cancer Cells. Angewandte Chemie - International Edition, 2017, 56, 8801-8804.	7.2	179
31	A Hybrid Nanomaterial for the Controlled Generation of Free Radicals and Oxidative Destruction of Hypoxic Cancer Cells. Angewandte Chemie, 2017, 129, 8927-8930.	1.6	19
32	RÃ¼cktitelbild: A Hybrid Nanomaterial for the Controlled Generation of Free Radicals and Oxidative Destruction of Hypoxic Cancer Cells (Angew. Chem. 30/2017). Angewandte Chemie, 2017, 129, 9030-9030.	1.6	0
33	Differentiation of Bone Marrow Stem Cells into Schwann Cells for the Promotion of Neurite Outgrowth on Electrospun Fibers. ACS Applied Materials & Interfaces, 2017, 9, 12299-12310.	4.0	64
34	A Eutectic Mixture of Natural Fatty Acids Can Serve as the Gating Material for Nearâ€Infraredâ€Triggered Drug Release. Advanced Materials, 2017, 29, 1703702.	11.1	159
35	Biomimetics: reconstitution of low-density lipoprotein for targeted drug delivery and related theranostic applications. Chemical Society Reviews, 2017, 46, 7668-7682.	18.7	42
36	Reconstitution of Lowâ€Density Lipoproteins with Fatty Acids for the Targeted Delivery of Drugs into Cancer Cells. Angewandte Chemie - International Edition, 2017, 56, 10399-10402.	7.2	39

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37	Inverse Opal Scaffolds and Their Biomedical Applications. Advanced Materials, 2017, 29, 1701115.	11.1	127
38	Reconstitution of Lowâ€Density Lipoproteins with Fatty Acids for the Targeted Delivery of Drugs into Cancer Cells. Angewandte Chemie, 2017, 129, 10535-10538.	1.6	6
39	Micropatterned Polymer Nanorod Forests and Their Use for Dual Drug Loading and Regulation of Cell Adhesion. ACS Applied Materials & Interfaces, 2016, 8, 34194-34197.	4.0	6
40	RÃ¼cktitelbild: Micropatterning of the Ferroelectric Phase in a Poly(vinylidene difluoride) Film by Plasmonic Heating with Gold Nanocages (Angew. Chem. 44/2016). Angewandte Chemie, 2016, 128, 14104-14104.	1.6	0
41	Micropatterning of the Ferroelectric Phase in a Poly(vinylidene difluoride) Film by Plasmonic Heating with Gold Nanocages. Angewandte Chemie, 2016, 128, 14032-14036.	1.6	11
42	Facile Synthesis of Silver Nanocubes with Sharp Corners and Edges in an Aqueous Solution. ACS Nano, 2016, 10, 9861-9870.	7.3	149
43	Micropatterning of the Ferroelectric Phase in a Poly(vinylidene difluoride) Film by Plasmonic Heating with Gold Nanocages. Angewandte Chemie - International Edition, 2016, 55, 13828-13832.	7.2	23
44	Surgical Sutures with Porous Sheaths for the Sustained Release of Growth Factors. Advanced Materials, 2016, 28, 4620-4624.	11.1	23
45	Synthesis of a new conjugated polymer for cell membrane imaging by using an intracellular targeting strategy. Polymer Chemistry, 2013, 4, 5212.	1.9	38
46	Conjugated Polymerâ€Coated Bacteria for Multimodal Intracellular and Extracellular Anticancer Activity. Advanced Materials, 2013, 25, 1203-1208.	11.1	73
47	Synthesis of a Bifunctional Fluorescent Polymer for Cell Imaging and Enzyme Detection. Macromolecular Chemistry and Physics, 2012, 213, 2486-2491.	1.1	9
48	Water-Soluble Conjugated Polymers for Imaging, Diagnosis, and Therapy. Chemical Reviews, 2012, 112, 4687-4735.	23.0	1,073
49	Composition formulae of ideal metallic glasses and their relevant eutectics established by a cluster-resonance model. Philosophical Magazine, 2011, 91, 2404-2418.	0.7	18
50	A potent fluorescent probe for the detection ofcellapoptosis. Chemical Communications, 2011, 47, 5524-5526.	2.2	46
51	Visual optical discrimination and detection of microbial pathogens based on diverse interactions of conjugated polyelectrolytes with cells. Journal of Materials Chemistry, 2011, 21, 7905.	6.7	38
52	Multifunctional Cationic Poly(pâ€phenylene vinylene) Polyelectrolytes for Selective Recognition, Imaging, and Killing of Bacteria Over Mammalian Cells. Advanced Materials, 2011, 23, 4805-4810.	11.1	255
53	Biomedical Applications: Multifunctional Cationic Poly(pâ€phenylene vinylene) Polyelectrolytes for Selective Recognition, Imaging, and Killing of Bacteria Over Mammalian Cells (Adv. Mater. 41/2011). Advanced Materials, 2011, 23, 4804-4804.	11.1	0
54	Rapid, Simple, and Highâ€Throughput Antimicrobial Susceptibility Testing and Antibiotics Screening. Angewandte Chemie - International Edition, 2011, 50, 9607-9610.	7.2	59