Shiqi Wang

List of Publications by Year
in descending order

59 papers	3,414 citations	236612 25 h-index	138251 58 g-index
62 all docs	62 docs citations	62 times ranked	4334 citing authors

#	Article	IF	Citations
1	Biocompatible polydopamine fluorescent organic nanoparticles: facile preparation and cell imaging. Nanoscale, 2012, 4, 5581.	2.8	476
2	Large scale preparation of graphene quantum dots from graphite with tunable fluorescence properties. Physical Chemistry Chemical Physics, 2013, 15, 9907.	1.3	266
3	Surfactant modification of aggregation-induced emission material as biocompatible nanoparticles: Facile preparation and cell imaging. Nanoscale, 2013, 5, 147-150.	2.8	230
4	Facile Incorporation of Aggregation-Induced Emission Materials into Mesoporous Silica Nanoparticles for Intracellular Imaging and Cancer Therapy. ACS Applied Materials & Interfaces, 2013, 5, 1943-1947.	4.0	196
5	Surfactant-dispersed nanodiamond: biocompatibility evaluation and drug delivery applications. Toxicology Research, 2013, 2, 335.	0.9	175
6	Carbon-dots derived from nanodiamond: Photoluminescence tunable nanoparticles for cell imaging. Journal of Colloid and Interface Science, 2013, 397, 39-44.	5.0	171
7	Cellular responses of aniline oligomers: a preliminary study. Toxicology Research, 2012, 1, 201.	0.9	166
8	Fluoridated HAp:Ln3+ (Ln = Eu or Tb) nanoparticles for cell-imaging. Nanoscale, 2012, 4, 6967.	2.8	149
9	Polydopamine coated shape memory polymer: enabling light triggered shape recovery, light controlled shape reprogramming and surface functionalization. Chemical Science, 2016, 7, 4741-4747.	3.7	128
10	PolyPEGylated nanodiamond for intracellular delivery of a chemotherapeutic drug. Polymer Chemistry, 2012, 3, 2716.	1.9	105
11	Introducing the Ugi reaction into polymer chemistry as a green click reaction to prepare middle-functional block copolymers. Polymer Chemistry, 2014, 5, 2704-2708.	1.9	93
12	Aggregation-induced emission material based fluorescent organic nanoparticles: facile PEGylation and cell imaging applications. RSC Advances, 2013, 3, 9633.	1.7	81
13	Size tunable fluorescent nano-graphite oxides: preparation and cell imaging applications. Physical Chemistry Chemical Physics, 2013, 15, 19013.	1.3	80
14	Synthesis of Multifunctional Polymers through the Ugi Reaction for Protein Conjugation. Macromolecules, 2014, 47, 5607-5612.	2.2	76
15	Dualâ€Crosslinked Dynamic Hydrogel Incorporating {Mo₁₅₄} with pH and NIR Responsiveness for Chemoâ€Photothermal Therapy. Advanced Materials, 2021, 33, e2007761.	11.1	73
16	Oxygen-induced cell migration and on-line monitoring biomarkers modulation of cervical cancers on a microfluidic system. Scientific Reports, 2015, 5, 9643.	1.6	56
17	Introducing mercaptoacetic acid locking imine reaction into polymer chemistry as a green click reaction. Polymer Chemistry, 2014, 5, 2695-2699.	1.9	51
18	From Polymer Sequence Control to Protein Recognition: Synthesis, Self-Assembly and Lectin Binding. Macromolecules, 2014, 47, 4676-4683.	2.2	48

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19	A Virusâ€Mimicking pHâ€Responsive Acetalated Dextranâ€Based Membraneâ€Active Polymeric Nanoparticle for Intracellular Delivery of Antitumor Therapeutics. Advanced Functional Materials, 2019, 29, 1905352.	7.8	43
20	One-Pot Cascade Synthetic Strategy: A Smart Combination of Chemoenzymatic Transesterification and Raft Polymerization. ACS Macro Letters, 2012, 1, 1224-1227.	2.3	38
21	A multicomponent polymerization system: clickâ€“chemoenzymaticâ€“ATRP in one-pot for polymer synthesis. Polymer Chemistry, 2013, 4, 466-469.	1.9	38
22	Non-viral nanoparticles for RNA interference: Principles of design and practical guidelines. Advanced Drug Delivery Reviews, 2021, 174, 576-612.	6.6	36
23	Facile Oneâ€Pot Synthesis of New Functional Polymers through Multicomponent Systems. Macromolecular Chemistry and Physics, 2014, 215, 486-492.	1.1	30
24	Polyoxometalate Composites in Cancer Therapy and Diagnostics. European Journal of Inorganic Chemistry, 2020, 2020, 2121-2132.	1.0	29
25	One-pot synthesis of optically active polymervia concurrent cooperation of enzymatic resolution and living radical polymerization. Polymer Chemistry, 2013, 4, 264-267.	1.9	28
26	Fluorescent PEGylation agent by a thiolactone-based one-pot reaction: a new strategy for theranostic combinations. Polymer Chemistry, 2014, 5, 6656-6661.	1.9	28
27	Membrane-Anchoring, Comb-Like Pseudopeptides for Efficient, pH-Mediated Membrane Destabilization and Intracellular Delivery. ACS Applied Materials & Interfaces, 2017, 9, 8021-8029.	4.0	26
28	pH-Responsive, Lysine-Based, Hyperbranched Polymers Mimicking Endosomolytic Cell-Penetrating Peptides for Efficient Intracellular Delivery. Chemistry of Materials, 2017, 29, 5806-5815.	3.2	26
29	Acetalated dextran based nano- and microparticles: synthesis, fabrication, and therapeutic applications. Chemical Communications, 2021, 57, 4212-4229.	2.2	25
30	Multifunctional Biomimetic Nanovaccines Based on Photothermal and Weakâ€Immunostimulatory Nanoparticulate Cores for the Immunotherapy of Solid Tumors. Advanced Materials, 2022, 34, e2108012.	11.1	25
31	ZnO Nanowire Arrays Exhibit Cytotoxic Distinction to Cancer Cells with Different Surface Charge Density: Cytotoxicity is Chargeâ€Dependent. Small, 2014, 10, 4113-4117.	5.2	24
32	Gold nanoparticles modified porous silicon chip for SALDI-MS determination of glutathione in cells. Talanta, 2017, 168, 222-229.	2.9	24
33	Neonatal Fc receptor-targeted lignin-encapsulated porous silicon nanoparticles for enhanced cellular interactions and insulin permeation across the intestinal epithelium. Bioactive Materials, 2022, 9, 299-315.	8.6	23
34	Multifunctional comb copolymer ethyl cellulose-g-poly(Îµ-caprolactone)-rhodamine B/folate: Synthesis, characterization and targeted bonding application. European Polymer Journal, 2014, 55, 235-244.	2.6	22
35	Synthesis of amphiphilic fluorescent PEGylated AIE nanoparticles via RAFT polymerization and their cell imaging applications. RSC Advances, 2015, 5, 89472-89477.	1.7	22
36	Influence of a pH-sensitive polymer on the structure of monoolein cubosomes. Soft Matter, 2017, 13, 7571-7577.	1.2	22

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37	Microfluidics Fabrication of Micrometerâ€Sized Hydrogels with Precisely Controlled Geometries for Biomedical Applications. Advanced Healthcare Materials, 2022, 11, .	3.9	22
38	A New Strategy for Intestinal Drug Delivery via pH-Responsive and Membrane-Active Nanogels. ACS Applied Materials & Interfaces, 2018, 10, 36622-36627.	4.0	20
39	Synthesis of gradient copolymers by concurrent enzymatic monomer transformation and RAFT polymerization. Polymer Chemistry, 2013, 4, 5720.	1.9	19
40	A pH-Responsive Amphiphilic Hydrogel Based on Pseudopeptides and Poly(ethylene glycol) for Oral Delivery of Hydrophobic Drugs. ACS Biomaterials Science and Engineering, 2018, 4, 4236-4243.	2.6	19
41	Near-physiological microenvironment simulation on chip to evaluate drug resistance of different loci in tumour mass. Talanta, 2019, 191, 67-73.	2.9	18
42	Recombination Monophosphoryl Lipid A-Derived Vacosome for the Development of Preventive Cancer Vaccines. ACS Applied Materials & Interfaces, 2020, 12, 44554-44562.	4.0	17
43	Superfast and controllable microfluidic inking of anti-inflammatory melanin-like nanoparticles inspired by cephalopods. Materials Horizons, 2020, 7, 1573-1580.	6.4	16
44	pH-Responsive Amphiphilic Carboxylate Polymers: Design and Potential for Endosomal Escape. Frontiers in Chemistry, 2021, 9, 645297.	1.8	16
45	Cell-patterned glass spray for direct drug assay using mass spectrometry. Analytica Chimica Acta, 2015, 892, 132-139.	2.6	15
46	Nephrocyte-neurocyte interaction and cellular metabolic analysis on membrane-integrated microfluidic device. Science China Chemistry, 2016, 59, 243-250.	4.2	15
47	Fabrication of amphiphilic fluorescent polylysine nanoparticles by atom transfer radical polymerization (ATRP) and their application in cell imaging. RSC Advances, 2015, 5, 65884-65889.	1.7	14
48	Intracellular Delivery of Budesonide and Polydopamine Coâ€Loaded in Endosomolytic Poly(butyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 from M1 to M2. Advanced Therapeutics, 2021, 4, 2000058.	1.6	13
49	Investigation of silicon nanoparticles produced by centrifuge chemical vapor deposition for applications in therapy and diagnostics. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 158, 254-265.	2.0	13
50	Chip-based SALDI-MS for rapid determination of intracellular ratios of glutathione to glutathione disulfide. Science China Chemistry, 2019, 62, 142-150.	4.2	12
51	Hierarchically Porous Chitosanâ€"PEGâ€"Silica Biohybrid: Synthesis and Rapid Cell Adsorption. Advanced Healthcare Materials, 2013, 2, 302-305.	3.9	10
52	Amino Acid Based Hydrogels with Dual Responsiveness for Oral Drug Delivery. Macromolecular Bioscience, 2016, 16, 1258-1264.	2.1	10
53	Synthesis of amphiphilic fluorescent copolymers with smart pH sensitivity via RAFT polymerization and their application in cell imaging. Polymer Bulletin, 2017, 74, 4525-4536.	1.7	9
54	Optically Active Polymer Via Oneâ€Pot Combination of Chemoenzymatic Transesterification and RAFT Polymerization: Synthesis and Its Application in Hybrid Silica Particles. Macromolecular Chemistry and Physics, 2015, 216, 1483-1489.	1.1	8

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55	Investigation of the lipidomic changes in differentiated glioblastoma cells after drug treatment using MALDI-MS. Talanta, 2021, 233, 122570.	2.9	8
56	Quantitative Analysis of Porous Silicon Nanoparticles Functionalization by ¹H NMR. ACS Biomaterials Science and Engineering, 2022, 8, 4132-4139.	2.6	5
57	Fatsâ€™ Loveâ€“Hate Relationships: A Molecular Dynamics Simulation and Hands-On Experiment Outreach Activity to Introduce the Amphiphilic Nature and Biological Functions of Lipids to Young Students and the General Public. Journal of Chemical Education, 2020, 97, 1360-1367.	1.1	3
58	Antitumor Therapeutics: A Virusâ€Mimicking pHâ€Responsive Acetalated Dextranâ€Based Membraneâ€Active Polymeric Nanoparticle for Intracellular Delivery of Antitumor Therapeutics (Adv. Funct. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 61	7.8	1
59	Multifunctional Biomimetic Nanovaccines Based on Photothermal and Weakâ€Immunostimulatory Nanoparticulate Cores for the Immunotherapy of Solid Tumors (Adv. Mater. 9/2022). Advanced Materials, 2022, 34, .	11.1	0