

Shiqi Wang

List of Publications by Year in descending order

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59
papers

3,414
citations

236612

25
h-index

138251

58
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62
all docs

62
docs citations

62
times ranked

4334
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Analysis of Porous Silicon Nanoparticles Functionalization by ¹ H NMR. ACS Biomaterials Science and Engineering, 2022, 8, 4132-4139.	2.6	5
2	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
3	Multifunctional Biomimetic Nanovaccines Based on Photothermal and Weak α Immunostimulatory Nanoparticulate Cores for the Immunotherapy of Solid Tumors. Advanced Materials, 2022, 34, e2108012.	11.1	25
4	Multifunctional Biomimetic Nanovaccines Based on Photothermal and Weak α Immunostimulatory Nanoparticulate Cores for the Immunotherapy of Solid Tumors (Adv. Mater. 9/2022). Advanced Materials, 2022, 34, .	11.1	0
5	Microfluidics Fabrication of Micrometer α Sized Hydrogels with Precisely Controlled Geometries for Biomedical Applications. Advanced Healthcare Materials, 2022, 11, .	3.9	22
6	Intracellular Delivery of Budesonide and Polydopamine Co α Loaded in Endosomolytic Poly(butyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 from M1 to M2. Advanced Therapeutics, 2021, 4, 2000058.	1.6	13
7	pH-Responsive Amphiphilic Carboxylate Polymers: Design and Potential for Endosomal Escape. Frontiers in Chemistry, 2021, 9, 645297.	1.8	16
8	Non-viral nanoparticles for RNA interference: Principles of design and practical guidelines. Advanced Drug Delivery Reviews, 2021, 174, 576-612.	6.6	36
9	Dual α Crosslinked Dynamic Hydrogel Incorporating {Mo ₁₅₄ } with pH and NIR Responsiveness for Chemo α Photothermal Therapy. Advanced Materials, 2021, 33, e2007761.	11.1	73
10	Investigation of the lipidomic changes in differentiated glioblastoma cells after drug treatment using MALDI-MS. Talanta, 2021, 233, 122570.	2.9	8
11	Acetalated dextran based nano- and microparticles: synthesis, fabrication, and therapeutic applications. Chemical Communications, 2021, 57, 4212-4229.	2.2	25
12	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
13	Recombination Monophosphoryl Lipid A-Derived Vacosome for the Development of Preventive Cancer Vaccines. ACS Applied Materials & Interfaces, 2020, 12, 44554-44562.	4.0	17
14	Superfast and controllable microfluidic inking of anti-inflammatory melanin-like nanoparticles inspired by cephalopods. Materials Horizons, 2020, 7, 1573-1580.	6.4	16
15	Polyoxometalate Composites in Cancer Therapy and Diagnostics. European Journal of Inorganic Chemistry, 2020, 2020, 2121-2132.	1.0	29
16	Fats α ™ Love α “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
17	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
18	Near-physiological microenvironment simulation on chip to evaluate drug resistance of different loci in tumour mass. Talanta, 2019, 191, 67-73.	2.9	18

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19	A Virus-Mimicking pH-Responsive Acetalated Dextran-Based Membrane-Active Polymeric Nanoparticle for Intracellular Delivery of Antitumor Therapeutics. <i>Advanced Functional Materials</i> , 2019, 29, 1905352.	7.8	43
20	Antitumor Therapeutics: A Virus-Mimicking pH-Responsive Acetalated Dextran-Based Membrane-Active Polymeric Nanoparticle for Intracellular Delivery of Antitumor Therapeutics (<i>Adv. Funct. Mater.</i>) Tj ETQq0 0 0 rgBT /08erlock 10 Tf 50 69		
21	A pH-Responsive Amphiphilic Hydrogel Based on Pseudopeptides and Poly(ethylene glycol) for Oral Delivery of Hydrophobic Drugs. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 4236-4243.	2.6	19
22	A New Strategy for Intestinal Drug Delivery via pH-Responsive and Membrane-Active Nanogels. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36622-36627.	4.0	20
23	Membrane-Anchoring, Comb-Like Pseudopeptides for Efficient, pH-Mediated Membrane Destabilization and Intracellular Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8021-8029.	4.0	26
24	Gold nanoparticles modified porous silicon chip for SALDI-MS determination of glutathione in cells. <i>Talanta</i> , 2017, 168, 222-229.	2.9	24
25	pH-Responsive, Lysine-Based, Hyperbranched Polymers Mimicking Endosomolytic Cell-Penetrating Peptides for Efficient Intracellular Delivery. <i>Chemistry of Materials</i> , 2017, 29, 5806-5815.	3.2	26
26	Synthesis of amphiphilic fluorescent copolymers with smart pH sensitivity via RAFT polymerization and their application in cell imaging. <i>Polymer Bulletin</i> , 2017, 74, 4525-4536.	1.7	9
27	Influence of a pH-sensitive polymer on the structure of monoolein cubosomes. <i>Soft Matter</i> , 2017, 13, 7571-7577.	1.2	22
28	Amino Acid Based Hydrogels with Dual Responsiveness for Oral Drug Delivery. <i>Macromolecular Bioscience</i> , 2016, 16, 1258-1264.	2.1	10
29	Polydopamine coated shape memory polymer: enabling light triggered shape recovery, light controlled shape reprogramming and surface functionalization. <i>Chemical Science</i> , 2016, 7, 4741-4747.	3.7	128
30	Nephrocyte-neurocyte interaction and cellular metabolic analysis on membrane-integrated microfluidic device. <i>Science China Chemistry</i> , 2016, 59, 243-250.	4.2	15
31	Optically Active Polymer Via One-Pot Combination of Chemoenzymatic Transesterification and RAFT Polymerization: Synthesis and Its Application in Hybrid Silica Particles. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1483-1489.	1.1	8
32	Fabrication of amphiphilic fluorescent polylysine nanoparticles by atom transfer radical polymerization (ATRP) and their application in cell imaging. <i>RSC Advances</i> , 2015, 5, 65884-65889.	1.7	14
33	Oxygen-induced cell migration and on-line monitoring biomarkers modulation of cervical cancers on a microfluidic system. <i>Scientific Reports</i> , 2015, 5, 9643.	1.6	56
34	Cell-patterned glass spray for direct drug assay using mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 892, 132-139.	2.6	15
35	Synthesis of amphiphilic fluorescent PEGylated AIE nanoparticles via RAFT polymerization and their cell imaging applications. <i>RSC Advances</i> , 2015, 5, 89472-89477.	1.7	22
36	ZnO Nanowire Arrays Exhibit Cytotoxic Distinction to Cancer Cells with Different Surface Charge Density: Cytotoxicity is Charge-Dependent. <i>Small</i> , 2014, 10, 4113-4117.	5.2	24

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37	Facile One-pot Synthesis of New Functional Polymers through Multicomponent Systems. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 486-492.	1.1	30
38	Fluorescent PEGylation agent by a thiolactone-based one-pot reaction: a new strategy for theranostic combinations. <i>Polymer Chemistry</i> , 2014, 5, 6656-6661.	1.9	28
39	Introducing the Ugi reaction into polymer chemistry as a green click reaction to prepare middle-functional block copolymers. <i>Polymer Chemistry</i> , 2014, 5, 2704-2708.	1.9	93
40	Synthesis of Multifunctional Polymers through the Ugi Reaction for Protein Conjugation. <i>Macromolecules</i> , 2014, 47, 5607-5612.	2.2	76
41	From Polymer Sequence Control to Protein Recognition: Synthesis, Self-Assembly and Lectin Binding. <i>Macromolecules</i> , 2014, 47, 4676-4683.	2.2	48
42	Introducing mercaptoacetic acid locking imine reaction into polymer chemistry as a green click reaction. <i>Polymer Chemistry</i> , 2014, 5, 2695-2699.	1.9	51
43	Multifunctional comb copolymer ethyl cellulose-g-poly(ϵ -caprolactone)-rhodamine B/folate: Synthesis, characterization and targeted bonding application. <i>European Polymer Journal</i> , 2014, 55, 235-244.	2.6	22
44	Surfactant-dispersed nanodiamond: biocompatibility evaluation and drug delivery applications. <i>Toxicology Research</i> , 2013, 2, 335.	0.9	175
45	Synthesis of gradient copolymers by concurrent enzymatic monomer transformation and RAFT polymerization. <i>Polymer Chemistry</i> , 2013, 4, 5720.	1.9	19
46	A multicomponent polymerization system: click-chemoenzymatic-ATRP in one-pot for polymer synthesis. <i>Polymer Chemistry</i> , 2013, 4, 466-469.	1.9	38
47	Surfactant modification of aggregation-induced emission material as biocompatible nanoparticles: Facile preparation and cell imaging. <i>Nanoscale</i> , 2013, 5, 147-150.	2.8	230
48	Size tunable fluorescent nano-graphite oxides: preparation and cell imaging applications. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19013.	1.3	80
49	Carbon-dots derived from nanodiamond: Photoluminescence tunable nanoparticles for cell imaging. <i>Journal of Colloid and Interface Science</i> , 2013, 397, 39-44.	5.0	171
50	One-pot synthesis of optically active polymers via concurrent cooperation of enzymatic resolution and living radical polymerization. <i>Polymer Chemistry</i> , 2013, 4, 264-267.	1.9	28
51	Aggregation-induced emission material based fluorescent organic nanoparticles: facile PEGylation and cell imaging applications. <i>RSC Advances</i> , 2013, 3, 9633.	1.7	81
52	Large scale preparation of graphene quantum dots from graphite with tunable fluorescence properties. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 9907.	1.3	266
53	Facile Incorporation of Aggregation-Induced Emission Materials into Mesoporous Silica Nanoparticles for Intracellular Imaging and Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1943-1947.	4.0	196
54	Hierarchically Porous Chitosan-PEG-Silica Biohybrid: Synthesis and Rapid Cell Adsorption. <i>Advanced Healthcare Materials</i> , 2013, 2, 302-305.	3.9	10

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55	One-Pot Cascade Synthetic Strategy: A Smart Combination of Chemoenzymatic Transesterification and Raft Polymerization. ACS Macro Letters, 2012, 1, 1224-1227.	2.3	38
56	Biocompatible polydopamine fluorescent organic nanoparticles: facile preparation and cell imaging. Nanoscale, 2012, 4, 5581.	2.8	476
57	Cellular responses of aniline oligomers: a preliminary study. Toxicology Research, 2012, 1, 201.	0.9	166
58	Fluoridated HAp:Ln ³⁺ (Ln = Eu or Tb) nanoparticles for cell-imaging. Nanoscale, 2012, 4, 6967.	2.8	149
59	PolyPEGylated nanodiamond for intracellular delivery of a chemotherapeutic drug. Polymer Chemistry, 2012, 3, 2716.	1.9	105