

Bin Yang

List of Publications by Year in descending order

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47
papers

1,646
citations

279798

23
h-index

289244

40
g-index

48
all docs

48
docs citations

48
times ranked

2273
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-polyphenol-coordinated nanomedicines for Fe(II) catalyzed photoacoustic-imaging guided mild hyperthermia-assisted ferroustherapy against breast cancer. <i>Chinese Chemical Letters</i> , 2022, 33, 1895-1900.	9.0	33
2	Recent advances in nanomedicines for photodynamic therapy (PDT)-driven cancer immunotherapy. <i>Theranostics</i> , 2022, 12, 434-458.	10.0	154
3	Increasing the Production of Reactive Oxygen Species through a Ferroptosis Pathway Disrupts the Redox Balance of Tumor Cells for Cancer Treatment. <i>ACS Applied Polymer Materials</i> , 2022, 4, 5001-5011.	4.4	4
4	Construction of a Phenylboronic Acid-Functionalized Nano-Prodrug for pH-Responsive Emodin Delivery and Antibacterial Activity. <i>ACS Omega</i> , 2021, 6, 8672-8679.	3.5	14
5	Nanomedicine-Boosting Tumor Immunogenicity for Enhanced Immunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2011171.	14.9	84
6	In vivo Multi-scale Photoacoustic Imaging Guided Photothermal Therapy of Cervical Cancer based on Customized Laser System and Targeted Nanoparticles. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2879-2896.	6.7	12
7	Photoacoustic imaging as a highly efficient and precise imaging strategy for the evaluation of brain diseases. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 2169-2186.	2.0	20
8	Versatile Nanodrugs Containing Glutathione and Heme Oxygenase 1 Inhibitors Enable Suppression of Antioxidant Defense System in a Two-Pronged Manner for Enhanced Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100770.	7.6	22
9	A nanoprobe based on molybdenum disulfide nanosheets and silver nanoclusters for imaging and quantification of intracellular adenosine triphosphate. <i>Analytica Chimica Acta</i> , 2020, 1134, 75-83.	5.4	23
10	Autocatalytic polymerization of selenium/polypyrrole nanocomposites as functional theranostic agents for multi-spectral photoacoustic imaging and photothermal therapy of tumor. <i>Materials Today Chemistry</i> , 2020, 17, 100344.	3.5	8
11	Stimuli-responsive polymeric nanomaterials for rheumatoid arthritis therapy. <i>Biophysics Reports</i> , 2020, 6, 193-210.	0.8	10
12	Nanomedicine-based tumor photothermal therapy synergized immunotherapy. <i>Biomaterials Science</i> , 2020, 8, 5241-5259.	5.4	109
13	Loading of metal isotope-containing intercalators for mass cytometry-based high-throughput quantitation of exosome uptake at the single-cell level. <i>Biomaterials</i> , 2020, 255, 120152.	11.4	15
14	High-throughput single-cell analysis of exosome mediated dual drug delivery, <i>in vivo</i> fate and synergistic tumor therapy. <i>Nanoscale</i> , 2020, 12, 13742-13756.	5.6	26
15	Bioinspired Cryoprotectants of Glucose-Based Carbon Dots. <i>ACS Applied Bio Materials</i> , 2020, 3, 3785-3791.	4.6	21
16	Chain conformation transition induced host-guest assembly between triple helical curdlan and β -CD for drug delivery. <i>Biomaterials Science</i> , 2020, 8, 1638-1648.	5.4	11
17	MRI reporter gene MagA suppresses transferrin receptor and maps Fe ²⁺ dependent lung cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102064.	3.3	7
18	Multifunctional Gold Nanocluster Decorated Metal-Organic Framework for Real-Time Monitoring of Targeted Drug Delivery and Quantitative Evaluation of Cellular Therapeutic Response. <i>Analytical Chemistry</i> , 2019, 91, 10596-10603.	6.5	41

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19	Synergy of CO ₂ Response and Aggregation-Induced Emission in a Block Copolymer: A Facile Way To "See" Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 37077-37083.	8.0	23
20	Chimeric peptide nanorods for plasma membrane and nuclear targeted photosensitizer delivery and enhanced photodynamic therapy. <i>Applied Materials Today</i> , 2019, 16, 120-131.	4.3	24
21	Mitochondria and plasma membrane dual-targeted chimeric peptide for single-agent synergistic photodynamic therapy. <i>Biomaterials</i> , 2019, 188, 1-11.	11.4	135
22	Folate-conjugated amphiphilic block copolymer micelle for targeted and redox-responsive delivery of doxorubicin. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 92-106.	3.5	14
23	Quantum Dots Labeling Strategy for "Counting and Visualization" of HepG2 Cells. <i>Analytical Chemistry</i> , 2017, 89, 1879-1886.	6.5	43
24	A Biohybrid Lurker-to-Attacker Strategy To Solve Inherent Dilemma of Positively Charged Delivery Nanoparticles. <i>Chemistry of Materials</i> , 2017, 29, 2227-2231.	6.7	20
25	Elemental-tagged immunoassay combined with inductively coupled plasma mass spectrometry for the detection of tumor cells using a lead sulfide nanoparticle label. <i>Talanta</i> , 2017, 167, 499-505.	5.5	11
26	A multifunctional probe for ICP-MS determination and multimodal imaging of cancer cells. <i>Biosensors and Bioelectronics</i> , 2017, 96, 77-83.	10.1	29
27	Facile synthesis of low-polydispersity block copolymer vesicles by azide-zwitterion cycloaddition. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017, 54, 60-64.	2.2	0
28	Enhanced antibacterial effect of polypyrazole-graphene oxide composite. <i>Macromolecular Research</i> , 2017, 25, 21-26.	2.4	6
29	Simultaneous detection of MCF-7 and HepG2 cells in blood by ICP-MS with gold nanoparticles and quantum dots as elemental tags. <i>Biosensors and Bioelectronics</i> , 2017, 90, 343-348.	10.1	66
30	Acidity-Induced Destabilization of Nano-Sized Supramolecular Linear-Hyperbranched Polymersome for Controlled Release of Encapsulated Cargoes. <i>Macromolecular Bioscience</i> , 2016, 16, 175-181.	4.1	5
31	Efficient nuclear drug translocation and improved drug efficacy mediated by acidity-responsive boronate-linked dextran/cholesterol nanoassembly. <i>Biomaterials</i> , 2015, 52, 281-290.	11.4	61
32	Host-Guest Interaction-Based Self-Engineering of Nano-Sized Vesicles for Co-Delivery of Genes and Anticancer Drugs. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22084-22094.	8.0	60
33	Hyperbranched "hyperbranched polymeric nanoassembly to mediate controllable co-delivery of siRNA and drug for synergistic tumor therapy. <i>Journal of Controlled Release</i> , 2015, 216, 9-17.	9.9	85
34	Polymeric assembly of hyperbranched building blocks to establish tunable nanoplatfoms for lysosome acidity-responsive gene/drug co-delivery. <i>Biomaterials Science</i> , 2015, 3, 1066-1077.	5.4	14
35	Utilization of H-bond interaction of nucleobase Uralic with antitumor methotrexate to design drug carrier with ultrahigh loading efficiency and pH-responsive drug release. <i>International Journal of Energy Production and Management</i> , 2014, 1, 27-35.	3.7	16
36	Self-Assembled Vehicle Construction via Boronic Acid Coupling and Host-Guest Interaction for Serum-Tolerant DNA Transport and pH-Responsive Drug Delivery. <i>Advanced Healthcare Materials</i> , 2014, 3, 596-608.	7.6	41

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37	Template-module assembly to prepare low-molecular-weight gene transport system with enhanced transmembrane capability. <i>Science China Chemistry</i> , 2014, 57, 558-567.	8.2	7
38	Immunomagnetic Separation Combined with Inductively Coupled Plasma Mass Spectrometry for the Detection of Tumor Cells Using Gold Nanoparticle Labeling. <i>Analytical Chemistry</i> , 2014, 86, 8082-8089.	6.5	65
39	Crosslinked triblock copolymeric micelle for redox-responsive drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 223-230.	5.0	26
40	Folate-conjugated amphiphilic block copolymers for targeted and efficient delivery of doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 253-259.	5.0	18
41	A pH-responsive drug nanovehicle constructed by reversible attachment of cholesterol to PEGylated poly(L-lysine) via catecholâ€boronic acid ester formation. <i>Acta Biomaterialia</i> , 2014, 10, 3686-3695.	8.3	63
42	Oligoamines grafted hyperbranched polyether as high efficient and serum-tolerant gene vectors. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 732-740.	5.0	9
43	Effect of microcrystal cellulose and cellulose whisker on biocompatibility of cellulose-based electrospun scaffolds. <i>Cellulose</i> , 2013, 20, 1911-1923.	4.9	54
44	Triple-stimuli (pH/thermo/reduction) sensitive copolymers for intracellular drug delivery. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1860.	5.8	50
45	A linear-dendritic cationic vector for efficient DNA grasp and delivery. <i>Acta Biomaterialia</i> , 2012, 8, 2121-2132.	8.3	17
46	Construction of mixed micelle with cross-linked core and dual responsive shells. <i>Polymer Chemistry</i> , 2011, 2, 923.	3.9	25
47	Thermo-responsive shell cross-linked PMMA-b-P(NIPAAm-co-NAS) micelles for drug delivery. <i>International Journal of Pharmaceutics</i> , 2011, 420, 333-340.	5.2	42