Yanjun Zhao

List of Publications by Year in Descending Order

87 papers	2,128 citations	29 h-index	41 g-index
89 ext. papers	2,604 ext. citations	6.9 avg, IF	5.08 L-index

#	Paper	IF	Citations
87	Tailored Trojan horse nanocarriers for enhanced redox-responsive drug delivery.. *Journal of Controlled Release*, **2022**, 342, 201-209	11.7	1
86	Triggered azobenzene-based prodrugs and drug delivery systems.. *Journal of Controlled Release*, **2022**, 345, 475-493	11.7	0
85	Double-Lock Nanomedicines Enable Tumor-Microenvironment-Responsive Selective Antitumor Therapy. *Advanced Functional Materials*, **2021**, 31, 2009157	15.6	3
84	Recent advances in the production of biomedical systems based on polyhydroxyalkanoates and exopolysaccharides. *International Journal of Biological Macromolecules*, **2021**, 183, 1514-1539	7.9	2
83	The role of iron in doxorubicin-induced cardiotoxicity: recent advances and implication for drug delivery. *Journal of Materials Chemistry B*, **2021**, 9, 4793-4803	7.3	12
82	Electron-Accepting Micelles Deplete Reduced Nicotinamide Adenine Dinucleotide Phosphate and Impair Two Antioxidant Cascades for Ferroptosis-Induced Tumor Eradication. *ACS Nano*, **2020**, 14, 14715-14730	16.7	46
81	Azobenzene Photoswitch for Isomerization-Dependent Cancer Therapy via Azo-Combretastatin A4 and Phototrexate. *Photochemistry and Photobiology*, **2020**, 96, 1163-1168	3.6	12
80	Curved corannulene dually targets mitochondria and endoplasmic reticulum, and initiates apoptosis via localized ROS induction upon light triggering. *Materials Science and Engineering C*, **2020**, 106, 110227	8.3	3
79	Hypoxia-induced activity loss of a photo-responsive microtubule inhibitor azobenzene combretastatin A4. *Frontiers of Chemical Science and Engineering*, **2020**, 14, 880-888	4.5	11
78	Upconverting Nanocarriers Enable Triggered Microtubule Inhibition and Concurrent Ferroptosis Induction for Selective Treatment of Triple-Negative Breast Cancer. *Nano Letters*, **2020**, 20, 6235-6245	11.5	32
77	Triggered ferroptotic polymer micelles for reversing multidrug resistance to chemotherapy. *Biomaterials*, **2019**, 223, 119486	15.6	68
76	Gated Mesoporous Silica Nanocarriers for Hypoxia-Responsive Cargo Release. *ACS Applied Materials & Interfaces*, **2019**, 11, 24377-24385	9.5	35
75	Energy-Free, Singlet Oxygen-Based Chemodynamic Therapy for Selective Tumor Treatment without Dark Toxicity. *Advanced Healthcare Materials*, **2019**, 8, e1900366	10.1	30
74	Boosting the Ferroptotic Antitumor Efficacy via Site-Specific Amplification of Tailored Lipid Peroxidation. *ACS Applied Materials & Interfaces*, **2019**, 11, 29655-29666	9.5	29
73	Triggered All-Active Metal Organic Framework: Ferroptosis Machinery Contributes to the Apoptotic Photodynamic Antitumor Therapy. *Nano Letters*, **2019**, 19, 7866-7876	11.5	106
72	Sensitive Chemiluminescent Sensing Method for Mercury(II) Ions Based on Monolayer Molybdenum Disulfide. *Analytical Sciences*, **2019**, 35, 551-556	1.7	6
71	From small deferiprone to macromolecular micelles: Self-assembly enhances iron chelation. *Journal of Colloid and Interface Science*, **2019**, 533, 375-384	9.3	6

70	Hypoxia- and singlet oxygen-responsive chemo-photodynamic Micelles featured with glutathione depletion and aldehyde production. *Biomaterials Science*, **2018**, 7, 429-441	7.4	36
69	Pharmaceutical micelles featured with singlet oxygen-responsive cargo release and mitochondrial targeting for enhanced photodynamic therapy. *Nanotechnology*, **2018**, 29, 255101	3.4	14
68	Enhancement effect of p-iodophenol on gold nanoparticle-catalyzed chemiluminescence and its applications in detection of thiols and guanidine. *Talanta*, **2018**, 182, 523-528	6.2	15
67	Photo-triggered micelles: simultaneous activation and release of microtubule inhibitors for on-demand chemotherapy. *Biomaterials Science*, **2018**, 6, 511-518	7.4	19
66	In Situ Probing Intracellular Drug Release from Redox-Responsive Micelles by United FRET and AIE. *Macromolecular Bioscience*, **2018**, 18, 1700339	5.5	18
65	Multifunctional Micelles Dually Responsive to Hypoxia and Singlet Oxygen: Enhanced Photodynamic Therapy via Interactively Triggered Photosensitizer Delivery. *ACS Applied Materials & Interfaces*, **2018**, 10, 17117-17128	9.5	59
64	Polymeric micelles for pH-responsive lutein delivery. *Journal of Drug Delivery Science and Technology*, **2018**, 45, 281-286	4.5	11
63	Hierarchical theranostic nanomedicine: MRI contrast agents as a physical vehicle anchor for high drug loading and triggered on-demand delivery. *Journal of Materials Chemistry B*, **2018**, 6, 1995-2003	7.3	10
62	Self-immolative micellar drug delivery: The linker matters. *Nano Research*, **2018**, 11, 6177-6189	10	17
61	All-active antitumor micelles via triggered lipid peroxidation. *Journal of Controlled Release*, **2018**, 286, 381-393	11.7	19
60	Alleviating the Liver Toxicity of Chemotherapy via pH-Responsive Hepatoprotective Prodrug Micelles. *ACS Applied Materials & Interfaces*, **2018**, 10, 21836-21846	9.5	33
59	Mechanistic insight into the singlet oxygen-triggered expansion of hypoxia-responsive polymeric micelles. *Biomaterials Science*, **2018**, 6, 1712-1716	7.4	15
58	Corannulene-Incorporated AIE Nanodots with Highly Suppressed Nonradiative Decay for Boosted Cancer Phototheranostics In Vivo. *Advanced Materials*, **2018**, 30, e1801065	24	120
57	Imidazole-Bearing Polymeric Micelles for Enhanced Cellular Uptake, Rapid Endosomal Escape, and On-demand Cargo Release. *AAPS PharmSciTech*, **2018**, 19, 2610-2619	3.9	11
56	Engineering hot-melt extruded solid dispersion for controlled release of hydrophilic drugs. *European Journal of Pharmaceutical Sciences*, **2017**, 100, 109-115	5.1	20
55	When self-assembly meets topology: an enhanced micelle stability. *Chemical Communications*, **2017**, 53, 3822-3825	5.8	34
54	Singlet oxygen-responsive micelles for enhanced photodynamic therapy. *Journal of Controlled Release*, **2017**, 260, 12-21	11.7	72
53	Controlled ROS production by corannulene: the vehicle makes a difference. *Biomaterials Science*, **2017**, 5, 1236-1240	7.4	9

52	Topology dictates function: controlled ROS production and mitochondria accumulation via curved carbon materials. *Journal of Materials Chemistry B*, **2017**, 5, 4918-4925	7.3	15
51	Bioinspired Coordination Micelles Integrating High Stability, Triggered Cargo Release, and Magnetic Resonance Imaging. *ACS Applied Materials & Interfaces*, **2017**, 9, 80-91	9.5	43
50	Ratiometric co-delivery of multiple chemodrugs in a single nanocarrier. *European Journal of Pharmaceutical Sciences*, **2017**, 107, 16-23	5.1	23
49	Stereoselective Stabilization of Polymeric Vitamin E Conjugate Micelles. *Biomacromolecules*, **2017**, 18, 4349-4356	6.9	31
48	Iodophenol blue-enhanced luminol chemiluminescence and its application to hydrogen peroxide and glucose detection. *Talanta*, **2016**, 146, 655-61	6.2	43
47	Acetal-linked polymeric prodrug micelles for enhanced curcumin delivery. *Colloids and Surfaces B: Biointerfaces*, **2016**, 140, 11-18	6	53
46	Employment of bromophenol red and bovine serum albumin as luminol signal co-enhancer in chemiluminescent detection of sequence-specific DNA. *Talanta*, **2016**, 148, 264-71	6.2	10
45	Covalent and non-covalent curcumin loading in acid-responsive polymeric micellar nanocarriers. *Nanotechnology*, **2015**, 26, 275101	3.4	29
44	Nitric oxide-releasing graft polymer micelles with distinct pendant amphiphiles. *RSC Advances*, **2015**, 5, 67041-67048	3.7	10
43	Triggered-release polymeric conjugate micelles for on-demand intracellular drug delivery. *Nanotechnology*, **2015**, 26, 115101	3.4	44
42	On-demand combinational delivery of curcumin and doxorubicin via a pH-labile micellar nanocarrier. *International Journal of Pharmaceutics*, **2015**, 495, 572-578	6.5	37
41	Phospholipid-like amphiphilic polymer conjugate micelles for on-demand intracellular curcumin delivery. *Journal of Controlled Release*, **2015**, 213, e131	11.7	1
40	Graphene oxide-based chemiluminescent sensing platform for label-free detection of trypsin and its inhibitors. *Analytical Methods*, **2015**, 7, 9949-9956	3.2	4
39	Tuning the architecture of polymeric conjugate to mediate intracellular delivery of pleiotropic curcumin. *European Journal of Pharmaceutics and Biopharmaceutics*, **2015**, 90, 53-62	5.7	58
38	Residue cytotoxicity of a hydrazone-linked polymer–drug conjugate: implication for acid-responsive micellar drug delivery. *RSC Advances*, **2015**, 5, 34800-34802	3.7	12
37	Interplay of stimuli-responsiveness, drug loading and release for a surface-engineered dendrimer delivery system. *International Journal of Pharmaceutics*, **2014**, 462, 103-7	6.5	13
36	Tailored dual coating of magnetic nanoparticles for enhanced drug loading. *RSC Advances*, **2014**, 4, 4893	3.7	1
35	Modifying theophylline microparticle surfaces via the sequential deposition of poly(vinyl alcohol-co-vinyl acetate) copolymers. *International Journal of Pharmaceutics*, **2014**, 463, 27-30	6.5	

34	A cascade amplification strategy based on rolling circle amplification and hydroxylamine amplified gold nanoparticles enables chemiluminescence detection of adenosine triphosphate. *Analyst, The*, **2014**, 139, 3796-803	5	13
33	Dendritic nanoconjugate containing optimum folic acid for targeted intracellular curcumin delivery. *RSC Advances*, **2014**, 4, 46020-46023	3.7	8
32	Two birds with one stone: dendrimer surface engineering enables tunable periphery hydrophobicity and rapid endosomal escape. *Chemical Communications*, **2014**, 50, 14025-8	5.8	14
31	Acid-responsive polymeric nanocarriers for topical adapalene delivery. *Pharmaceutical Research*, **2014**, 31, 3051-9	4.5	30
30	Turn-on chemiluminescent sensing platform for label-free protease detection using streptavidin-modified magnetic beads. *Biosensors and Bioelectronics*, **2014**, 61, 45-50	11.8	20
29	Label-free chemiluminescent ATP aptasensor based on graphene oxide and an instantaneous derivatization of guanine bases. *Biosensors and Bioelectronics*, **2014**, 51, 232-7	11.8	40
28	Modulating topical drug delivery via skin pre-treatment with low-generation poly(amidoamine) dendrimers. *Journal of Drug Delivery Science and Technology*, **2014**, 24, 555-557	4.5	9
27	Engineering magnetic-molecular sequential targeting nanoparticles for anti-cancer therapy. *Journal of Materials Chemistry B*, **2013**, 1, 6402-6410	7.3	13
26	The effect of solute-membrane interaction on solute permeation under supersaturated conditions. *International Journal of Pharmaceutics*, **2013**, 441, 389-94	6.5	9
25	Turn-on colorimetric sensor for ultrasensitive detection of thrombin using fibrinogen-gold nanoparticle conjugate. *Analyst, The*, **2013**, 138, 1475-82	5	15
24	Hydroxylamine amplified gold nanoparticle-based aptameric system for the highly selective and sensitive detection of platelet-derived growth factor. *Talanta*, **2013**, 103, 392-7	6.2	36
23	The dominant role of polymer erosion in paclitaxel release from folate-modified poly(ether-anhydride) nanocarrier. *Journal of Applied Polymer Science*, **2013**, 129, 748-755	2.9	
22	Starburst low-molecular weight polyethylenimine for efficient gene delivery. *Journal of Biomedical Materials Research - Part A*, **2012**, 100, 134-40	5.4	15
21	Biodegradable polymer-curcumin conjugate micelles enhance the loading and delivery of low-potency curcumin. *Pharmaceutical Research*, **2012**, 29, 3512-25	4.5	131
20	Pharmacokinetic evaluation of intranasally administered vinyl polymer-coated lorazepam microparticles in rabbits. *AAPS Journal*, **2012**, 14, 218-24	3.7	8
19	Dendrimer-mediated drug delivery to the skin. *Soft Matter*, **2012**, 8, 4301	3.6	57
18	Thermosensitivity of low generation poly(amidoamine) dendrimers with enriching peripheral functional groups. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 403, 164-168	5.1	6
17	Conformational switching immobilized hairpin DNA probes following subsequent expanding of gold nanoparticles enables visual detecting sequence-specific DNA. *Analytical Chemistry*, **2011**, 83, 7500-6	7.8	32

16	PEGylated thermo-sensitive poly(amidoamine) dendritic drug delivery systems. *International Journal of Pharmaceutics*, **2011**, 409, 229-36	6.5	47
15	Vinyl polymer-coated lorazepam particles for drug delivery to the airways. *International Journal of Pharmaceutics*, **2011**, 410, 9-16	6.5	14
14	Dynamic foams in topical drug delivery. *Journal of Pharmacy and Pharmacology*, **2010**, 62, 678-84	4.8	33
13	Building membrane emulsification into pulmonary drug delivery and targeting. *Pharmaceutical Research*, **2010**, 27, 2505-8	4.5	4
12	The topical delivery of benzoyl peroxide using elegant dynamic hydrofluoroalkane foams. *Journal of Pharmaceutical Sciences*, **2010**, 99, 1384-98	3.9	5
11	Pharmaceutical foams: are they the answer to the dilemma of topical nanoparticles?. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2010**, 6, 227-36	6	45
10	The effects of particle properties on nanoparticle drug retention and release in dynamic minoxidil foams. *International Journal of Pharmaceutics*, **2010**, 383, 277-84	6.5	18
9	The role of vehicle-nanoparticle interactions in topical drug delivery. *International Journal of Pharmaceutics*, **2010**, 400, 176-82	6.5	29
8	Engineering novel topical foams using hydrofluroalkane emulsions stabilised with pluronic surfactants. *European Journal of Pharmaceutical Sciences*, **2009**, 37, 370-7	5.1	18
7	Effects of lipid nanocarriers on the performance of topical vehicles in vivo. *Journal of Cosmetic Dermatology*, **2009**, 8, 136-43	2.5	13
6	A dynamic topical hydrofluoroalkane foam to induce nanoparticle modification and drug release in situ. *European Journal of Pharmaceutics and Biopharmaceutics*, **2009**, 72, 521-8	5.7	37
5	Preparation of Monodispersed Polymer Microspheres by SPG Membrane Emulsification-Solvent Evaporation Technology. *Journal of Dispersion Science and Technology*, **2007**, 28, 485-490	1.5	16
4	Preparation and evaluation of floating-bioadhesive microparticles containing clarithromycin for the eradication of Helicobacter pylori. *Journal of Applied Polymer Science*, **2006**, 102, 2226-2232	2.9	23
3	Curved carbon photo-oxygenation catalysts for the suppression and nanoscopic imaging of β-amyloid peptides fibrillation. *Nano Research*,1	10	1
2	Hydroxyl radical-involved cancer therapy via Fenton reactions. *Frontiers of Chemical Science and Engineering*,1	4.5	0
1	Mechano-Responsive Leapfrog Micelles Enable Interactive Apoptotic and Ferroptotic Cancer Therapy. *Advanced Functional Materials*,2112000	15.6	3