

# Yanjun Zhao

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Biodegradable polymer-curcumin conjugate micelles enhance the loading and delivery of low-potency curcumin. <i>Pharmaceutical Research</i> , <b>2012</b> , 29, 3512-25	4.5	131
86	Corannulene-Incorporated AIE Nanodots with Highly Suppressed Nonradiative Decay for Boosted Cancer Phototheranostics In Vivo. <i>Advanced Materials</i> , <b>2018</b> , 30, e1801065	24	120
85	Triggered All-Active Metal Organic Framework: Ferroptosis Machinery Contributes to the Apoptotic Photodynamic Antitumor Therapy. <i>Nano Letters</i> , <b>2019</b> , 19, 7866-7876	11.5	106
84	Singlet oxygen-responsive micelles for enhanced photodynamic therapy. <i>Journal of Controlled Release</i> , <b>2017</b> , 260, 12-21	11.7	72
83	Triggered ferroptotic polymer micelles for reversing multidrug resistance to chemotherapy. <i>Biomaterials</i> , <b>2019</b> , 223, 119486	15.6	68
82	Multifunctional Micelles Dually Responsive to Hypoxia and Singlet Oxygen: Enhanced Photodynamic Therapy via Interactively Triggered Photosensitizer Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 17117-17128	9.5	59
81	Tuning the architecture of polymeric conjugate to mediate intracellular delivery of pleiotropic curcumin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 90, 53-62	5.7	58
80	Dendrimer-mediated drug delivery to the skin. <i>Soft Matter</i> , <b>2012</b> , 8, 4301	3.6	57
79	Acetal-linked polymeric prodrug micelles for enhanced curcumin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 140, 11-18	6	53
78	PEGylated thermo-sensitive poly(amidoamine) dendritic drug delivery systems. <i>International Journal of Pharmaceutics</i> , <b>2011</b> , 409, 229-36	6.5	47
77	Electron-Accepting Micelles Deplete Reduced Nicotinamide Adenine Dinucleotide Phosphate and Impair Two Antioxidant Cascades for Ferroptosis-Induced Tumor Eradication. <i>ACS Nano</i> , <b>2020</b> , 14, 14715-14730 <sup>16, 17, 46</sup>	16.7	46
76	Pharmaceutical foams: are they the answer to the dilemma of topical nanoparticles?. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2010</b> , 6, 227-36	6	45
75	Triggered-release polymeric conjugate micelles for on-demand intracellular drug delivery. <i>Nanotechnology</i> , <b>2015</b> , 26, 115101	3.4	44
74	Iodophenol blue-enhanced luminol chemiluminescence and its application to hydrogen peroxide and glucose detection. <i>Talanta</i> , <b>2016</b> , 146, 655-61	6.2	43
73	Bioinspired Coordination Micelles Integrating High Stability, Triggered Cargo Release, and Magnetic Resonance Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 80-91	9.5	43
72	Label-free chemiluminescent ATP aptasensor based on graphene oxide and an instantaneous derivatization of guanine bases. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 51, 232-7	11.8	40
71	On-demand combinational delivery of curcumin and doxorubicin via a pH-labile micellar nanocarrier. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 495, 572-578	6.5	37

70	A dynamic topical hydrofluoroalkane foam to induce nanoparticle modification and drug release in situ. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2009</b> , 72, 521-8	5.7	37
69	Hypoxia- and singlet oxygen-responsive chemo-photodynamic Micelles featured with glutathione depletion and aldehyde production. <i>Biomaterials Science</i> , <b>2018</b> , 7, 429-441	7.4	36
68	Hydroxylamine amplified gold nanoparticle-based aptameric system for the highly selective and sensitive detection of platelet-derived growth factor. <i>Talanta</i> , <b>2013</b> , 103, 392-7	6.2	36
67	Gated Mesoporous Silica Nanocarriers for Hypoxia-Responsive Cargo Release. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 24377-24385	9.5	35
66	When self-assembly meets topology: an enhanced micelle stability. <i>Chemical Communications</i> , <b>2017</b> , 53, 3822-3825	5.8	34
65	Alleviating the Liver Toxicity of Chemotherapy via pH-Responsive Hepatoprotective Prodrug Micelles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 21836-21846	9.5	33
64	Dynamic foams in topical drug delivery. <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 62, 678-84	4.8	33
63	Conformational switching immobilized hairpin DNA probes following subsequent expanding of gold nanoparticles enables visual detecting sequence-specific DNA. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 7500-7506	7.8	32
62	Upconverting Nanocarriers Enable Triggered Microtubule Inhibition and Concurrent Ferroptosis Induction for Selective Treatment of Triple-Negative Breast Cancer. <i>Nano Letters</i> , <b>2020</b> , 20, 6235-6245	11.5	32
61	Stereoselective Stabilization of Polymeric Vitamin E Conjugate Micelles. <i>Biomacromolecules</i> , <b>2017</b> , 18, 4349-4356	6.9	31
60	Energy-Free, Singlet Oxygen-Based Chemodynamic Therapy for Selective Tumor Treatment without Dark Toxicity. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1900366	10.1	30
59	Acid-responsive polymeric nanocarriers for topical adapalene delivery. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 3051-9	4.5	30
58	Covalent and non-covalent curcumin loading in acid-responsive polymeric micellar nanocarriers. <i>Nanotechnology</i> , <b>2015</b> , 26, 275101	3.4	29
57	Boosting the Ferroptotic Antitumor Efficacy via Site-Specific Amplification of Tailored Lipid Peroxidation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 29655-29666	9.5	29
56	The role of vehicle-nanoparticle interactions in topical drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2010</b> , 400, 176-82	6.5	29
55	Ratiometric co-delivery of multiple chemodrugs in a single nanocarrier. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 107, 16-23	5.1	23
54	Preparation and evaluation of floating-bioadhesive microparticles containing clarithromycin for the eradication of <i>Helicobacter pylori</i> . <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 102, 2226-2232	2.9	23
53	Engineering hot-melt extruded solid dispersion for controlled release of hydrophilic drugs. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 100, 109-115	5.1	20

52	Turn-on chemiluminescent sensing platform for label-free protease detection using streptavidin-modified magnetic beads. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 61, 45-50	11.8	20
51	Photo-triggered micelles: simultaneous activation and release of microtubule inhibitors for on-demand chemotherapy. <i>Biomaterials Science</i> , <b>2018</b> , 6, 511-518	7.4	19
50	All-active antitumor micelles via triggered lipid peroxidation. <i>Journal of Controlled Release</i> , <b>2018</b> , 286, 381-393	11.7	19
49	In Situ Probing Intracellular Drug Release from Redox-Responsive Micelles by United FRET and AIE. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, 1700339	5.5	18
48	Engineering novel topical foams using hydrofluoroalkane emulsions stabilised with pluronic surfactants. <i>European Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 37, 370-7	5.1	18
47	The effects of particle properties on nanoparticle drug retention and release in dynamic minoxidil foams. <i>International Journal of Pharmaceutics</i> , <b>2010</b> , 383, 277-84	6.5	18
46	Self-immolative micellar drug delivery: The linker matters. <i>Nano Research</i> , <b>2018</b> , 11, 6177-6189	10	17
45	Preparation of Monodispersed Polymer Microspheres by SPG Membrane Emulsification-Solvent Evaporation Technology. <i>Journal of Dispersion Science and Technology</i> , <b>2007</b> , 28, 485-490	1.5	16
44	Topology dictates function: controlled ROS production and mitochondria accumulation via curved carbon materials. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 4918-4925	7.3	15
43	Enhancement effect of p-iodophenol on gold nanoparticle-catalyzed chemiluminescence and its applications in detection of thiols and guanidine. <i>Talanta</i> , <b>2018</b> , 182, 523-528	6.2	15
42	Starburst low-molecular weight polyethylenimine for efficient gene delivery. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2012</b> , 100, 134-40	5.4	15
41	Turn-on colorimetric sensor for ultrasensitive detection of thrombin using fibrinogen-gold nanoparticle conjugate. <i>Analyst, The</i> , <b>2013</b> , 138, 1475-82	5	15
40	Mechanistic insight into the singlet oxygen-triggered expansion of hypoxia-responsive polymeric micelles. <i>Biomaterials Science</i> , <b>2018</b> , 6, 1712-1716	7.4	15
39	Pharmaceutical micelles featured with singlet oxygen-responsive cargo release and mitochondrial targeting for enhanced photodynamic therapy. <i>Nanotechnology</i> , <b>2018</b> , 29, 255101	3.4	14
38	Two birds with one stone: dendrimer surface engineering enables tunable periphery hydrophobicity and rapid endosomal escape. <i>Chemical Communications</i> , <b>2014</b> , 50, 14025-8	5.8	14
37	Vinyl polymer-coated lorazepam particles for drug delivery to the airways. <i>International Journal of Pharmaceutics</i> , <b>2011</b> , 410, 9-16	6.5	14
36	Interplay of stimuli-responsiveness, drug loading and release for a surface-engineered dendrimer delivery system. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 462, 103-7	6.5	13
35	A cascade amplification strategy based on rolling circle amplification and hydroxylamine amplified gold nanoparticles enables chemiluminescence detection of adenosine triphosphate. <i>Analyst, The</i> , <b>2014</b> , 139, 3796-803	5	13

34	Engineering magnetic-molecular sequential targeting nanoparticles for anti-cancer therapy. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 6402-6410	7.3	13
33	Effects of lipid nanocarriers on the performance of topical vehicles in vivo. <i>Journal of Cosmetic Dermatology</i> , <b>2009</b> , 8, 136-43	2.5	13
32	Azobenzene Photoswitch for Isomerization-Dependent Cancer Therapy via Azo-Combretastatin A4 and Phototrexate. <i>Photochemistry and Photobiology</i> , <b>2020</b> , 96, 1163-1168	3.6	12
31	Residue cytotoxicity of a hydrazone-linked polymer-drug conjugate: implication for acid-responsive micellar drug delivery. <i>RSC Advances</i> , <b>2015</b> , 5, 34800-34802	3.7	12
30	The role of iron in doxorubicin-induced cardiotoxicity: recent advances and implication for drug delivery. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 4793-4803	7.3	12
29	Polymeric micelles for pH-responsive lutein delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2018</b> , 45, 281-286	4.5	11
28	Hypoxia-induced activity loss of a photo-responsive microtubule inhibitor azobenzene combretastatin A4. <i>Frontiers of Chemical Science and Engineering</i> , <b>2020</b> , 14, 880-888	4.5	11
27	Imidazole-Bearing Polymeric Micelles for Enhanced Cellular Uptake, Rapid Endosomal Escape, and On-demand Cargo Release. <i>AAPS PharmSciTech</i> , <b>2018</b> , 19, 2610-2619	3.9	11
26	Nitric oxide-releasing graft polymer micelles with distinct pendant amphiphiles. <i>RSC Advances</i> , <b>2015</b> , 5, 67041-67048	3.7	10
25	Hierarchical theranostic nanomedicine: MRI contrast agents as a physical vehicle anchor for high drug loading and triggered on-demand delivery. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 1995-2003	7.3	10
24	Employment of bromophenol red and bovine serum albumin as luminol signal co-enhancer in chemiluminescent detection of sequence-specific DNA. <i>Talanta</i> , <b>2016</b> , 148, 264-71	6.2	10
23	Controlled ROS production by corannulene: the vehicle makes a difference. <i>Biomaterials Science</i> , <b>2017</b> , 5, 1236-1240	7.4	9
22	The effect of solute-membrane interaction on solute permeation under supersaturated conditions. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 441, 389-94	6.5	9
21	Modulating topical drug delivery via skin pre-treatment with low-generation poly(amidoamine) dendrimers. <i>Journal of Drug Delivery Science and Technology</i> , <b>2014</b> , 24, 555-557	4.5	9
20	Dendritic nanoconjugate containing optimum folic acid for targeted intracellular curcumin delivery. <i>RSC Advances</i> , <b>2014</b> , 4, 46020-46023	3.7	8
19	Pharmacokinetic evaluation of intranasally administered vinyl polymer-coated lorazepam microparticles in rabbits. <i>AAPS Journal</i> , <b>2012</b> , 14, 218-24	3.7	8
18	Thermosensitivity of low generation poly(amidoamine) dendrimers with enriching peripheral functional groups. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 403, 164-168	5.1	6
17	Sensitive Chemiluminescent Sensing Method for Mercury(II) Ions Based on Monolayer Molybdenum Disulfide. <i>Analytical Sciences</i> , <b>2019</b> , 35, 551-556	1.7	6

16	From small deferiprone to macromolecular micelles: Self-assembly enhances iron chelation. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 533, 375-384	9.3	6
15	The topical delivery of benzoyl peroxide using elegant dynamic hydrofluoroalkane foams. <i>Journal of Pharmaceutical Sciences</i> , <b>2010</b> , 99, 1384-98	3.9	5
14	Graphene oxide-based chemiluminescent sensing platform for label-free detection of trypsin and its inhibitors. <i>Analytical Methods</i> , <b>2015</b> , 7, 9949-9956	3.2	4
13	Building membrane emulsification into pulmonary drug delivery and targeting. <i>Pharmaceutical Research</i> , <b>2010</b> , 27, 2505-8	4.5	4
12	Curved corannulene dually targets mitochondria and endoplasmic reticulum, and initiates apoptosis via localized ROS induction upon light triggering. <i>Materials Science and Engineering C</i> , <b>2020</b> , 106, 110227	8.3	3
11	Double-Lock Nanomedicines Enable Tumor-Microenvironment-Responsive Selective Antitumor Therapy. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2009157	15.6	3
10	Mechano-Responsive Leapfrog Micelles Enable Interactive Apoptotic and Ferroptotic Cancer Therapy. <i>Advanced Functional Materials</i> , 2112000	15.6	3
9	Recent advances in the production of biomedical systems based on polyhydroxyalkanoates and exopolysaccharides. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 183, 1514-1539	7.9	2
8	Phospholipid-like amphiphilic polymer conjugate micelles for on-demand intracellular curcumin delivery. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e131	11.7	1
7	Tailored dual coating of magnetic nanoparticles for enhanced drug loading. <i>RSC Advances</i> , <b>2014</b> , 4, 48933,7	3.7	1
6	Curved carbon photo-oxygenation catalysts for the suppression and nanoscopic imaging of Amyloid peptides fibrillation. <i>Nano Research</i> , 1	10	1
5	Tailored Trojan horse nanocarriers for enhanced redox-responsive drug delivery.. <i>Journal of Controlled Release</i> , <b>2022</b> , 342, 201-209	11.7	1
4	Hydroxyl radical-involved cancer therapy via Fenton reactions. <i>Frontiers of Chemical Science and Engineering</i> , 1	4.5	0
3	Triggered azobenzene-based prodrugs and drug delivery systems.. <i>Journal of Controlled Release</i> , <b>2022</b> , 345, 475-493	11.7	0
2	Modifying theophylline microparticle surfaces via the sequential deposition of poly(vinyl alcohol-co-vinyl acetate) copolymers. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 463, 27-30	6.5	
1	The dominant role of polymer erosion in paclitaxel release from folate-modified poly(ether-anhydride) nanocarrier. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 129, 748-755	2.9	