

# Wei Wu

## List of Publications by Year in Descending Order

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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.

80  
papers

3,272  
citations

32  
h-index

56  
g-index

84  
ext. papers

3,679  
ext. citations

8.9  
avg, IF

5.36  
L-index

#	Paper	IF	Citations
80	An Orthogonal Protection Strategy for Synthesizing Scaffold-Modifiable Dendrons and Their Application in Drug Delivery.. <i>ACS Central Science</i> , <b>2022</b> , 8, 258-267	16.8	1
79	NIR-II Fluorophore with Dithienylethene as an Electron Donor for Fluorescence/Photoacoustic Dual-Model Imaging and Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 54830-54839 <sup>2</sup>	9.5	39
78	Phenylboronic Acid Modification Augments the Lysosome Escape and Antitumor Efficacy of a Cylindrical Polymer Brush-Based Prodrug. <i>Journal of the American Chemical Society</i> , <b>2021</b> ,	16.4	4
77	The development of phosphorescent probes for and bioimaging. <i>Biomaterials Science</i> , <b>2021</b> , 9, 285-300	7.4	33
76	Responsive hyaluronic acid-gold cluster hybrid nanogel theranostic systems. <i>Biomaterials Science</i> , <b>2021</b> , 9, 1363-1373	7.4	6
75	The in vitro and in vivo properties of ringlike polymer brushes. <i>Nano Today</i> , <b>2021</b> , 41, 101293	17.9	3
74	Improving Quantum Yield of a NIR-II Dye by Phenylazo Group. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e1901470	10.1	17
73	Second Near-Infrared Aggregation-Induced Emission Fluorophores with Phenothiazine Derivatives as the Donor and 6,7-Diphenyl-[1,2,5]Thiadiazolo[3,4-g]Quinoxaline as the Acceptor for In Vivo Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 20281-20286	9.5	21
72	A Dendron-Based Fluorescence Turn-On Probe for Tumor Detection. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 13022-13030	4.8	2
71	Phenothiazine versus Phenoxazine: Structural Effects on the Photophysical Properties of NIR-II AIE Fluorophores. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 43466-43473	9.5	13
70	Responsive boron biomaterials and their biomedical applications. <i>Science China Chemistry</i> , <b>2020</b> , 63, 648-664	6.6	23
69	Nanoscale vesicles assembled from non-planar cyclic molecules for efficient cell penetration. <i>Biomaterials Science</i> , <b>2019</b> , 7, 2552-2558	7.4	10
68	Target-Amplified Drug Delivery of Polymer Micelles Bearing Staudinger Ligation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 32697-32705	9.5	8
67	Nanoscale Crystalline Sheets and Vesicles Assembled from Nonplanar Cyclic -Conjugated Molecules. <i>Research</i> , <b>2019</b> , 2019, 1953926	7.8	2
66	Shape Effects of Cylindrical versus Spherical Unimolecular Polymer Nanomaterials on in Vitro and in Vivo Behaviors. <i>Research</i> , <b>2019</b> , 2019, 2391486	7.8	21
65	Length effects of cylindrical polymer brushes on their in vitro and in vivo properties. <i>Biomaterials Science</i> , <b>2019</b> , 7, 5124-5131	7.4	6
64	NIR-II Dye-Labeled Cylindrical Polymer Brushes for in Vivo Imaging. <i>ACS Macro Letters</i> , <b>2019</b> , 8, 1623-1628	6.6	8

63	Translatable High Drug Loading Drug Delivery Systems Based on Biocompatible Polymer Nanocarriers. <i>Biomacromolecules</i> , <b>2018</b> , 19, 1732-1745	6.9	71
62	Dendrimer-based nanoparticles in cancer chemotherapy and gene therapy. <i>Science China Materials</i> , <b>2018</b> , 61, 1404-1419	7.1	15
61	Dendritic phospholipid-based drug delivery systems. <i>Biomaterials Science</i> , <b>2018</b> , 6, 774-778	7.4	6
60	Modification of $\beta$ -Cyclodextrin Polyrotaxanes by ATRP for Conjugating Drug and Prolonging Blood Circulation. <i>ACS Biomaterials Science and Engineering</i> , <b>2018</b> , 4, 1963-1968	5.5	11
59	Supramolecular Amphiphilic Polymer-Based Micelles with Seven-Armed Polyoxazoline Coating for Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 5768-5777	9.5	31
58	Synthesis and biological properties of water-soluble polyphenylthiophene brushes with poly(ethylene glycol)/polyzwitterion side chains. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 1672-1679	4.9	10
57	Successively activatable ultrasensitive probe for imaging tumour acidity and hypoxia. <i>Nature Biomedical Engineering</i> , <b>2017</b> , 1,	19	119
56	Phenylboronic acid-incorporated elastin-like polypeptide nanoparticle drug delivery systems. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 2105-2114	4.9	12
55	Carbamoylmannose enhances the tumor targeting ability of supramolecular nanoparticles formed through host-guest complexation of a pair of homopolymers. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 834-848	7.3	14
54	Cisplatin-Rich Polyoxazoline-Poly(aspartic acid) Supramolecular Nanoparticles. <i>Macromolecular Bioscience</i> , <b>2017</b> , 17, 1700206	5.5	6
53	Thermo and pH dual-responsive drug-linked pseudo-polypeptide micelles with a comb-shaped polymer as a micellar exterior. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 6886-6894	4.9	16
52	Redox Responsive Hyaluronic Acid Nanogels for Treating RHAMM (CD168) Over-expressive Cancer, both Primary and Metastatic Tumors. <i>Theranostics</i> , <b>2017</b> , 7, 1719-1734	12.1	37
51	Enhancing tumor penetration and targeting using size-minimized and zwitterionic nanomedicines. <i>Journal of Controlled Release</i> , <b>2016</b> , 237, 115-24	11.7	40
50	The effects of poly(zwitterions)s versus poly(ethylene glycol) surface coatings on the biodistribution of protein nanoparticles. <i>Biomaterials Science</i> , <b>2016</b> , 4, 1351-60	7.4	27
49	Synthesis and Biological Properties of Porphyrin-Containing Polymeric Micelles with Different Sizes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 5794-803	9.5	12
48	Phenylboronic Acid-Mediated Tumor Targeting of Chitosan Nanoparticles. <i>Theranostics</i> , <b>2016</b> , 6, 1378-92	12.1	77
47	Drug-loaded pseudo-block copolymer micelles with a multi-armed star polymer as the micellar exterior. <i>Nanoscale</i> , <b>2015</b> , 7, 12572-80	7.7	27
46	Platinum-Incorporating Poly(N-vinylpyrrolidone)-poly(aspartic acid) Pseudoblock Copolymer Nanoparticles for Drug Delivery. <i>Biomacromolecules</i> , <b>2015</b> , 16, 2059-71	6.9	32

45	Nanoscaled boron-containing delivery systems and therapeutic agents for cancer treatment. <i>Nanomedicine</i> , <b>2015</b> , 10, 1149-63	5.6	26
44	Bioreducible heparin-based nanogel drug delivery system. <i>Biomaterials</i> , <b>2015</b> , 39, 260-8	15.6	83
43	Tracking Cancer Metastasis In Vivo by Using an Iridium-Based Hypoxia-Activated Optical Oxygen Nanosensor. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8094-9	16.4	103
42	Ultra-high relaxivity iron oxide nanoparticles confined in polymer nanospheres for tumor MR imaging. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 5702-5710	7.3	28
41	Hypoxia-specific ultrasensitive detection of tumours and cancer cells in vivo. <i>Nature Communications</i> , <b>2015</b> , 6, 5834	17.4	251
40	Synthesis of drug-crosslinked polymer nanoparticles. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 1703-1713	4.9	12
39	Hyaluronic acid nanogels with enzyme-sensitive cross-linking group for drug delivery. <i>Journal of Controlled Release</i> , <b>2015</b> , 205, 206-17	11.7	139
38	The combined effects of size and surface chemistry on the accumulation of boronic acid-rich protein nanoparticles in tumors. <i>Biomaterials</i> , <b>2014</b> , 35, 866-78	15.6	60
37	Synthesis, cellular uptake, and biodistribution of whey-rich nanoparticles. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 1149-59	5.5	7
36	Delivery of doxorubicin in vitro and in vivo using bio-reductive cellulose nanogels. <i>Biomaterials Science</i> , <b>2014</b> , 2, 220-232	7.4	51
35	Oligo(ethylene glycol)-based thermosensitive dendrimers and their tumor accumulation and penetration. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 3145-55	16.4	80
34	Synthesis of $\beta$ Cyclodextrin-[60]fullerene Conjugate and Its DNA Cleavage Performance. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 78-84	4.9	15
33	Delivery of platinum(IV) drug to subcutaneous tumor and lung metastasis using bradykinin-potentiating peptide-decorated chitosan nanoparticles. <i>Biomaterials</i> , <b>2014</b> , 35, 6439-53	15.6	80
32	Cellular uptake, antitumor response and tumor penetration of cisplatin-loaded milk protein nanoparticles. <i>Biomaterials</i> , <b>2013</b> , 34, 1372-82	15.6	106
31	Doxorubicin delivery to 3D multicellular spheroids and tumors based on boronic acid-rich chitosan nanoparticles. <i>Biomaterials</i> , <b>2013</b> , 34, 4667-79	15.6	176
30	Synthesis and Self-Assembly of a Nanoscaled Multiarm Polymer Terminated by $\beta$ Cyclodextrin.. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 82-85	6.6	16
29	Doxorubicin-loaded boron-rich polymer nanoparticles for orthotopically implanted liver tumor treatment. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2013</b> , 31, 778-786	3.5	13
28	Size- and pathotropism-driven targeting and washout-resistant effects of boronic acid-rich protein nanoparticles for liver cancer regression. <i>Journal of Controlled Release</i> , <b>2013</b> , 168, 1-9	11.7	39

27	Synthesis of paclitaxel-conjugated $\beta$ -cyclodextrin polyrotaxane and its antitumor activity. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 7272-7	16.4	71
26	Intelligently targeted drug delivery and enhanced antitumor effect by gelatinase-responsive nanoparticles. <i>PLoS ONE</i> , <b>2013</b> , 8, e69643	3.7	32
25	Fluorescent micelles based on star amphiphilic copolymer with a porphyrin core for bioimaging and drug delivery. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 83-92	5.5	31
24	Tumor accumulation, penetration, and antitumor response of cisplatin-loaded gelatin/poly(acrylic acid) nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 1838-46	9.5	48
23	Multifusion-induced wall-super-thick giant multilamellar vesicles. <i>Chemical Communications</i> , <b>2012</b> , 48, 7079-81	5.8	7
22	Alginate nanoparticles prepared through counterion complexation method as a drug delivery system. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 5325-32	9.5	41
21	Multifold enhanced T2 relaxation of ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles by jamming them inside chitosan nanospheres. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 5684		23
20	In vitro and in vivo antitumor activity of doxorubicin-loaded alginate-acid-based nanoparticles. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 1326-35	5.5	15
19	Conjugation of paclitaxel to iron oxide nanoparticles for tumor imaging and therapy. <i>Nanoscale</i> , <b>2012</b> , 4, 2306-10	7.7	35
18	Long-Circulating Polymeric Drug Nanocarriers. <i>ACS Symposium Series</i> , <b>2012</b> , 27-36	0.4	2
17	Gelatinase-stimuli strategy enhances the tumor delivery and therapeutic efficacy of docetaxel-loaded poly(ethylene glycol)-poly( $\epsilon$ -caprolactone) nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 281-95	7.3	38
16	Spontaneous formation of giant polymer vesicles through a nucleation and growth pathway. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 1875-80	4.5	8
15	Nanospheres-incorporated implantable hydrogel as a trans-tissue drug delivery system. <i>ACS Nano</i> , <b>2011</b> , 5, 2520-34	16.7	92
14	The effect of hydrophilic chain length and iRGD on drug delivery from poly( $\epsilon$ -caprolactone)-poly(N-vinylpyrrolidone) nanoparticles. <i>Biomaterials</i> , <b>2011</b> , 32, 9525-35	15.6	101
13	Synthesis of novel gelatin/poly(acrylic acid) nanorods via the self-assembly of nanospheres. <i>Science China Chemistry</i> , <b>2011</b> , 54, 392-396	7.9	4
12	A facile strategy for constructing boron-rich polymer nanoparticles via a boronic acid-related reaction. <i>Macromolecular Rapid Communications</i> , <b>2011</b> , 32, 534-9	4.8	36
11	Effective PEGylation of Iron Oxide Nanoparticles for High Performance In Vivo Cancer Imaging. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 1498-1504	15.6	108
10	Cellular entry fashion of hollow milk protein spheres. <i>Soft Matter</i> , <b>2011</b> , 7, 11526	3.6	25

9	Chemiluminescent nanomicelles for imaging hydrogen peroxide and self-therapy in photodynamic therapy. <i>Journal of Biomedicine and Biotechnology</i> , <b>2011</b> , 2011, 679492		11
8	A practical strategy for constructing nanodrugs using carbon nanotubes as carriers. <i>Methods in Molecular Biology</i> , <b>2011</b> , 751, 565-82	1.4	2
7	Degradation and degradation-induced re-assembly of PVP-PCL micelles. <i>Biomacromolecules</i> , <b>2010</b> , 11, 481-8	6.9	51
6	Paclitaxel-loaded poly(N-vinylpyrrolidone)-b-poly(epsilon-caprolactone) nanoparticles: preparation and antitumor activity in vivo. <i>Journal of Controlled Release</i> , <b>2010</b> , 142, 438-46	11.7	139
5	Polymer-assisted nanoparticulate contrast-enhancing materials. <i>Science China Chemistry</i> , <b>2010</b> , 53, 479-486		1
4	Gold encapsulated chitosan-poly(acrylic acid) hybrid hollow nanospheres. <i>Macromolecular Bioscience</i> , <b>2009</b> , 9, 1272-80	5.5	3
3	Covalently combining carbon nanotubes with anticancer agent: preparation and antitumor activity. <i>ACS Nano</i> , <b>2009</b> , 3, 2740-50	16.7	210
2	Synthesis of hydroxypropylcellulose-poly(acrylic acid) particles with semi-interpenetrating polymer network structure. <i>Biomacromolecules</i> , <b>2008</b> , 9, 2609-14	6.9	73
1	Non-enzymatic and enzymatic degradation of poly(ethylene glycol)-b-poly(epsilon-caprolactone) diblock copolymer micelles in aqueous solution. <i>Polymer</i> , <b>2008</b> , 49, 5513-5519	3.9	33