

# Wei Wu

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8064643/wei-wu-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Hypoxia-specific ultrasensitive detection of tumours and cancer cells in vivo. <i>Nature Communications</i> , <b>2015</b> , 6, 5834	17.4	251
79	Covalently combining carbon nanotubes with anticancer agent: preparation and antitumor activity. <i>ACS Nano</i> , <b>2009</b> , 3, 2740-50	16.7	210
78	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
77	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
76	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
75	Successively activatable ultrasensitive probe for imaging tumour acidity and hypoxia. <i>Nature Biomedical Engineering</i> , <b>2017</b> , 1,	19	119
74	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
73	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
72	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
71	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
70	Nanospheres-incorporated implantable hydrogel as a trans-tissue drug delivery system. <i>ACS Nano</i> , <b>2011</b> , 5, 2520-34	16.7	92
69	Bioreducible heparin-based nanogel drug delivery system. <i>Biomaterials</i> , <b>2015</b> , 39, 260-8	15.6	83
68	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
67	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
66	Phenylboronic Acid-Mediated Tumor Targeting of Chitosan Nanoparticles. <i>Theranostics</i> , <b>2016</b> , 6, 1378-92	12.1	77
65	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
64	Translatable High Drug Loading Drug Delivery Systems Based on Biocompatible Polymer Nanocarriers. <i>Biomacromolecules</i> , <b>2018</b> , 19, 1732-1745	6.9	71

63	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
62	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
61	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
60	Degradation and degradation-induced re-assembly of PVP-PCL micelles. <i>Biomacromolecules</i> , <b>2010</b> , 11, 481-8	6.9	51
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	Conjugation of paclitaxel to iron oxide nanoparticles for tumor imaging and therapy. <i>Nanoscale</i> , <b>2012</b> , 4, 2306-10	7.7	35
51	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
50	The development of phosphorescent probes for and bioimaging. <i>Biomaterials Science</i> , <b>2021</b> , 9, 285-300	7.4	33
49	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
48	Intelligently targeted drug delivery and enhanced antitumor effect by gelatinase-responsive nanoparticles. <i>PLoS ONE</i> , <b>2013</b> , 8, e69643	3.7	32
47	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
46	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

45	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
44	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
43	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
42	Nanoscaled boron-containing delivery systems and therapeutic agents for cancer treatment. <i>Nanomedicine</i> , <b>2015</b> , 10, 1149-63	5.6	26
41	Cellular entry fashion of hollow milk protein spheres. <i>Soft Matter</i> , <b>2011</b> , 7, 11526	3.6	25
40	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
39	Responsive boron biomaterials and their biomedical applications. <i>Science China Chemistry</i> , <b>2020</b> , 63, 648-664		23
38	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
37	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
36	Improving Quantum Yield of a NIR-II Dye by Phenylazo Group. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e1901470	10.1	17
35	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
34	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
33	Dendrimer-based nanoparticles in cancer chemotherapy and gene therapy. <i>Science China Materials</i> , <b>2018</b> , 61, 1404-1419	7.1	15
32	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
31	In vitro and in vivo antitumor activity of doxorubicin-loaded alginate-chitosan-based nanoparticles. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 1326-35	5.5	15
30	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
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	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

27	Phenylboronic acid-incorporated elastin-like polypeptide nanoparticle drug delivery systems. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 2105-2114	4.9	12
26	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
25	Synthesis of drug-crosslinked polymer nanoparticles. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 1703-1713	4.9	12
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	Synthesis, cellular uptake, and biodistribution of whey-rich nanoparticles. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 1149-59	5.5	7
16	Multifusion-induced wall-super-thick giant multilamellar vesicles. <i>Chemical Communications</i> , <b>2012</b> , 48, 7079-81	5.8	7
15	Cisplatin-Rich Polyoxazoline-Poly(aspartic acid) Supramolecular Nanoparticles. <i>Macromolecular Bioscience</i> , <b>2017</b> , 17, 1700206	5.5	6
14	Dendritic phospholipid-based drug delivery systems. <i>Biomaterials Science</i> , <b>2018</b> , 6, 774-778	7.4	6
13	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
12	Responsive hyaluronic acid-gold cluster hybrid nanogel theranostic systems. <i>Biomaterials Science</i> , <b>2021</b> , 9, 1363-1373	7.4	6
11	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
10	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

9	Gold encapsulated chitosan-poly(acrylic acid) hybrid hollow nanospheres. <i>Macromolecular Bioscience</i> , <b>2009</b> , 9, 1272-80	5.5	3
8	The in vitro and in vivo properties of ringlike polymer brushes. <i>Nano Today</i> , <b>2021</b> , 41, 101293	17.9	3
7	Long-Circulating Polymeric Drug Nanocarriers. <i>ACS Symposium Series</i> , <b>2012</b> , 27-36	0.4	2
6	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	2
5	Nanoscale Crystalline Sheets and Vesicles Assembled from Nonplanar Cyclic -Conjugated Molecules. <i>Research</i> , <b>2019</b> , 2019, 1953926	7.8	2
4	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
3	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
2	Polymer-assisted nanoparticulate contrast-enhancing materials. <i>Science China Chemistry</i> , <b>2010</b> , 53, 479-486	7.9	1
1	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