Wei Wu

List of Publications by Year
in descending order

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84	4,070	117625	118850
papers	citations	34 h-index	62 g-index

84	84	84	6303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Orthogonal Protection Strategy for Synthesizing Scaffold-Modifiable Dendrons and Their Application in Drug Delivery. ACS Central Science, 2022, 8, 258-267.	11.3	6
2	Fluorination and Betaine Modification Augment the Bloodâ€“Brain Barrierâ€Crossing Ability of Cylindrical Polymer Brushes. Angewandte Chemie - International Edition, 2022, 61, .	13.8	10
3	Semiconductor Polymer with Strong NIR-II Absorption for Photoacoustic Imaging and Photothermal Therapy. ACS Applied Bio Materials, 2022, , .	4.6	5
4	Effects of iRGD conjugation density on the in vitro and in vivo properties of cylindrical polymer brushes. Biomaterials Science, 2022, , .	5.4	4
5	The development of phosphorescent probes forin vitroandin vivobioimaging. Biomaterials Science, 2021, 9, 285-300.	5.4	74
6	Responsive hyaluronic acid-gold cluster hybrid nanogel theranostic systems. Biomaterials Science, 2021, 9, 1363-1373.	5.4	19
7	The in vitro and in vivo properties of ringlike polymer brushes. Nano Today, 2021, 41, 101293.	11.9	16
8	NIR-II Fluorophore with Dithienylethene as an Electron Donor for Fluorescence/Photoacoustic Dual-Model Imaging and Photothermal Therapy. ACS Applied Materials & Interfaces, 2021, 13, 54830-54839.	8.0	19
9	Phenylboronic Acid Modification Augments the Lysosome Escape and Antitumor Efficacy of a Cylindrical Polymer Brush-Based Prodrug. Journal of the American Chemical Society, 2021, 143, 20927-20938.	13.7	45
10	A Dendronâ€Based Fluorescence Turnâ€On Probe for Tumor Detection. Chemistry - A European Journal, 2020, 26, 13022-13030.	3.3	5
11	Phenothiazine versus Phenoxazine: Structural Effects on the Photophysical Properties of NIR-II AIE Fluorophores. ACS Applied Materials & Interfaces, 2020, 12, 43466-43473.	8.0	26
12	Improving Quantum Yield of a NIRâ€II Dye by Phenylazo Group. Advanced Healthcare Materials, 2020, 9, e1901470.	7.6	34
13	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. ACS Applied Materials & Interfaces, 2020, 12, 20281-20286.	8.0	36
14	Responsive boron biomaterials and their biomedical applications. Science China Chemistry, 2020, 63, 648-664.	8.2	43
15	Target-Amplified Drug Delivery of Polymer Micelles Bearing Staudinger Ligation. ACS Applied Materials & Interfaces, 2019, 11, 32697-32705.	8.0	14
16	Nanoscale vesicles assembled from non-planar cyclic molecules for efficient cell penetration. Biomaterials Science, 2019, 7, 2552-2558.	5.4	20
17	Length effects of cylindrical polymer brushes on their in vitro and in vivo properties. Biomaterials Science, 2019, 7, 5124-5131.	5.4	17
18	NIR-II Dye-Labeled Cylindrical Polymer Brushes for in Vivo Imaging. ACS Macro Letters, 2019, 8, 1623-1628.	4.8	13

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19	Nanoscale Crystalline Sheets and Vesicles Assembled from Nonplanar Cyclic Ï€ -Conjugated Molecules. Research, 2019, 2019, 1953926.	5.7	6
20	Shape Effects of Cylindrical versus Spherical Unimolecular Polymer Nanomaterials on in Vitro and in Vivo Behaviors. Research, 2019, 2019, 2391486.	5.7	33
21	Translatable High Drug Loading Drug Delivery Systems Based on Biocompatible Polymer Nanocarriers. Biomacromolecules, 2018, 19, 1732-1745.	5.4	102
22	Dendrimer-based nanoparticles in cancer chemotherapy and gene therapy. Science China Materials, 2018, 61, 1404-1419.	6.3	21
23	Dendritic phospholipid-based drug delivery systems. Biomaterials Science, 2018, 6, 774-778.	5.4	8
24	Modification of Î±-Cyclodextrin Polyrotaxanes by ATRP for Conjugating Drug and Prolonging Blood Circulation. ACS Biomaterials Science and Engineering, 2018, 4, 1963-1968.	5.2	14
25	Supramolecular Amphiphilic Polymer-Based Micelles with Seven-Armed Polyoxazoline Coating for Drug Delivery. ACS Applied Materials & Interfaces, 2017, 9, 5768-5777.	8.0	38
26	Synthesis and biological properties of water-soluble polyphenylthiophene brushes with poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.9	17
27	Successively activatable ultrasensitive probe for imaging tumour acidity and hypoxia. Nature Biomedical Engineering, 2017, 1, .	22.5	167
28	Phenylboronic acid-incorporated elastin-like polypeptide nanoparticle drug delivery systems. Polymer Chemistry, 2017, 8, 2105-2114.	3.9	19
29	Carbamoylmannose enhances the tumor targeting ability of supramolecular nanoparticles formed through hostâ€“guest complexation of a pair of homopolymers. Journal of Materials Chemistry B, 2017, 5, 834-848.	5.8	17
30	CisplatinâRich Polyoxazolineâ€“Poly(aspartic acid) Supramolecular Nanoparticles. Macromolecular Bioscience, 2017, 17, 1700206.	4.1	9
31	Thermo and pH dual-responsive drug-linked pseudo-polypeptide micelles with a comb-shaped polymer as a micellar exterior. Polymer Chemistry, 2017, 8, 6886-6894.	3.9	20
32	Redox Responsive Hyaluronic Acid Nanogels for Treating RHAMM (CD168) Over-expressive Cancer, both Primary and Metastatic Tumors. Theranostics, 2017, 7, 1719-1734.	10.0	47
33	Phenylboronic Acid-Mediated Tumor Targeting of Chitosan Nanoparticles. Theranostics, 2016, 6, 1378-1392.	10.0	98
34	Enhancing tumor penetration and targeting using size-minimized and zwitterionic nanomedicines. Journal of Controlled Release, 2016, 237, 115-124.	9.9	52
35	The effects of poly(zwitterions)s versus poly(ethylene glycol) surface coatings on the biodistribution of protein nanoparticles. Biomaterials Science, 2016, 4, 1351-1360.	5.4	30
36	Synthesis and Biological Properties of Porphyrin-Containing Polymeric Micelles with Different Sizes. ACS Applied Materials & Interfaces, 2016, 8, 5794-5803.	8.0	16

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37	Tracking Cancer Metastasis Inâ€...Vivo by Using an Iridiumâ€Based Hypoxiaâ€Activated Optical Oxygen Nanosensor. Angewandte Chemie - International Edition, 2015, 54, 8094-8099.	13.8	121
38	Ultra-high relaxivity iron oxide nanoparticles confined in polymer nanospheres for tumor MR imaging. Journal of Materials Chemistry B, 2015, 3, 5702-5710.	5.8	35
39	Hypoxia-specific ultrasensitive detection of tumours and cancer cells in vivo. Nature Communications, 2015, 6, 5834.	12.8	308
40	Synthesis of drug-crosslinked polymer nanoparticles. Polymer Chemistry, 2015, 6, 1703-1713.	3.9	12
41	Hyaluronic acid nanogels with enzyme-sensitive cross-linking group for drug delivery. Journal of Controlled Release, 2015, 205, 206-217.	9.9	170
42	Drug-loaded pseudo-block copolymer micelles with a multi-armed star polymer as the micellar exterior. Nanoscale, 2015, 7, 12572-12580.	5.6	33
43	Platinum-Incorporating Poly(N-vinylpyrrolidone)-poly(aspartic acid) Pseudoblock Copolymer Nanoparticles for Drug Delivery. Biomacromolecules, 2015, 16, 2059-2071.	5.4	35
44	Nanoscaled boron-containing delivery systems and therapeutic agents for cancer treatment. Nanomedicine, 2015, 10, 1149-1163.	3.3	31
45	Bioreducible heparin-based nanogel drug delivery system. Biomaterials, 2015, 39, 260-268.	11.4	93
46	Synthesis of Î²â€Cyclodextrinâ€[60]fullerene Conjugate and Its DNA Cleavage Performance. Chinese Journal of Chemistry, 2014, 32, 78-84.	4.9	18
47	Delivery of platinum(IV) drug to subcutaneous tumor and lung metastasis using bradykinin-potentiating peptide-decorated chitosan nanoparticles. Biomaterials, 2014, 35, 6439-6453.	11.4	93
48	The combined effects of size and surface chemistry on the accumulation of boronic acid-rich protein nanoparticles in tumors. Biomaterials, 2014, 35, 866-878.	11.4	75
49	Synthesis, Cellular Uptake, and Biodistribution of Wheyâ€Rich Nanoparticles. Macromolecular Bioscience, 2014, 14, 1149-1159.	4.1	9
50	Delivery of doxorubicin in vitro and in vivo using bio-reductive cellulose nanogels. Biomaterials Science, 2014, 2, 220-232.	5.4	59
51	Oligo(ethylene glycol)-Based Thermosensitive Dendrimers and Their Tumor Accumulation and Penetration. Journal of the American Chemical Society, 2014, 136, 3145-3155.	13.7	83
52	Cellular uptake, antitumor response and tumor penetration of cisplatin-loaded milk protein nanoparticles. Biomaterials, 2013, 34, 1372-1382.	11.4	123
53	Doxorubicin delivery to 3D multicellular spheroids and tumors based on boronic acid-rich chitosan nanoparticles. Biomaterials, 2013, 34, 4667-4679.	11.4	195
54	Synthesis and Self-Assembly of a Nanoscaled Multiarm Polymer Terminated by Î²-Cyclodextrin. ACS Macro Letters, 2013, 2, 82-85.	4.8	21

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55	Doxorubicin-loaded boron-rich polymer nanoparticles for orthotopically implanted liver tumor treatment. Chinese Journal of Polymer Science (English Edition), 2013, 31, 778-786.	3.8	16
56	Size- and pathotropism-driven targeting and washout-resistant effects of boronic acid-rich protein nanoparticles for liver cancer regression. Journal of Controlled Release, 2013, 168, 1-9.	9.9	45
57	Synthesis of Paclitaxelâ€Conjugated Î²â€Cyclodextrin Polyrotaxane and Its Antitumor Activity. Angewandte Chemie - International Edition, 2013, 52, 7272-7277.	13.8	83
58	Intelligently Targeted Drug Delivery and Enhanced Antitumor Effect by Gelatinase-Responsive Nanoparticles. PLoS ONE, 2013, 8, e69643.	2.5	39
59	Tumor Accumulation, Penetration, and Antitumor Response of Cisplatin-Loaded Gelatin/Poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlo	8.0	53
60	Multifusion-induced wall-super-thick giant multilamellar vesicles. Chemical Communications, 2012, 48, 7079.	4.1	7
61	Alginic Acid Nanoparticles Prepared through Counterion Complexation Method as a Drug Delivery System. ACS Applied Materials & Interfaces, 2012, 4, 5325-5332.	8.0	47
62	Multifold enhanced T2 relaxation of ZnFe2O4 nanoparticles by jamming them inside chitosan nanospheres. Journal of Materials Chemistry, 2012, 22, 5684.	6.7	27
63	In vitro and in vivo Antitumor Activity of Doxorubicinâ€Loaded Alginicâ€Acidâ€Based Nanoparticles. Macromolecular Bioscience, 2012, 12, 1326-1335.	4.1	18
64	Conjugation of paclitaxel to iron oxide nanoparticles for tumor imaging and therapy. Nanoscale, 2012, 4, 2306.	5.6	37
65	Long-Circulating Polymeric Drug Nanocarriers. ACS Symposium Series, 2012, , 27-36.	0.5	2
66	Gelatinase-stimuli strategy enhances the tumor delivery and therapeutic efficacy of docetaxel-loaded poly(ethylene glycol)-poly(ε-caprolactone) nanoparticles. International Journal of Nanomedicine, 2012, 7, 281.	6.7	38
67	Spontaneous Formation of Giant Polymer Vesicles through a Nucleation and Growth Pathway. Chemistry - an Asian Journal, 2012, 7, 1875-1880.	3.3	9
68	Fluorescent Micelles Based on Star Amphiphilic Copolymer with a Porphyrin Core for Bioimaging and Drug Delivery. Macromolecular Bioscience, 2012, 12, 83-92.	4.1	35
69	Cellular entry fashion of hollow milk protein spheres. Soft Matter, 2011, 7, 11526.	2.7	27
70	Nanospheres-Incorporated Implantable Hydrogel as a Trans-Tissue Drug Delivery System. ACS Nano, 2011, 5, 2520-2534.	14.6	100
71	The effect of hydrophilic chain length and iRGD on drug delivery from poly(Îµ-caprolactone)-poly(N-vinylpyrrolidone) nanoparticles. Biomaterials, 2011, 32, 9525-9535.	11.4	110
72	Synthesis of novel gelatin/poly(acrylic acid) nanorods via the self-assembly of nanospheres. Science China Chemistry, 2011, 54, 392-396.	8.2	5

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73	A Facile Strategy for Constructing Boronâ€Rich Polymer Nanoparticles via a Boronic Acidâ€Related Reaction. Macromolecular Rapid Communications, 2011, 32, 534-539.	3.9	38
74	Effective PEGylation of Iron Oxide Nanoparticles for High Performance In Vivo Cancer Imaging. Advanced Functional Materials, 2011, 21, 1498-1504.	14.9	117
75	Chemiluminescent Nanomicelles for Imaging Hydrogen Peroxide and Self-Therapy in Photodynamic Therapy. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-9.	3.0	16
76	A Practical Strategy for Constructing Nanodrugs Using Carbon Nanotubes as Carriers. Methods in Molecular Biology, 2011, 751, 565-582.	0.9	3
77	Polymer-assisted nanoparticulate contrast-enhancing materials. Science China Chemistry, 2010, 53, 479-486.	8.2	3
78	Degradation and Degradation-Induced Re-Assembly of PVP-PCL Micelles. Biomacromolecules, 2010, 11, 481-488.	5.4	55
79	Paclitaxel-loaded poly(N-vinylpyrrolidone)-b-poly(Îµ-caprolactone) nanoparticles: Preparation and antitumor activity in vivo. Journal of Controlled Release, 2010, 142, 438-446.	9.9	150
80	Gold Encapsulated Chitosanâ€Poly(acrylic acid) Hybrid Hollow Nanospheres. Macromolecular Bioscience, 2009, 9, 1272-1280.	4.1	3
81	Covalently Combining Carbon Nanotubes with Anticancer Agent: Preparation and Antitumor Activity. ACS Nano, 2009, 3, 2740-2750.	14.6	243
82	Non-enzymatic and enzymatic degradation of poly(ethylene glycol)-b-poly(É›-caprolactone) diblock copolymer micelles in aqueous solution. Polymer, 2008, 49, 5513-5519.	3.8	33
83	Synthesis of Hydroxypropylcellulose-poly(acrylic acid) Particles with Semi-Interpenetrating Polymer Network Structure. Biomacromolecules, 2008, 9, 2609-2614.	5.4	77
84	Fluorination and Betaine Modification Augment the Bloodâ€Brain Barrierâ€Crossing Ability of Cylindrical Polymer Brushes. Angewandte Chemie, 0, , .	2.0	0