

Junzi 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.

90
papers

2,415
citations

30
h-index

45
g-index

100
ext. papers

2,954
ext. citations

6.1
avg, IF

5.26
L-index

#	Paper	IF	Citations
90	Novel glucose-responsive nanoparticles based on p-hydroxyphenethyl anisate and 3-acrylamidophenylboronic acid reduce blood glucose and ameliorate diabetic nephropathy.. <i>Materials Today Bio</i> , 2022 , 13, 100181	9.9	0
89	Cu ²⁺ -Chelating Mesoporous Silica Nanoparticles for Synergistic Chemotherapy/Chemodynamic Therapy. <i>Pharmaceutics</i> , 2022 , 14, 1200	6.4	0
88	Functionalized layered double hydroxide nanoparticles as an intelligent nanoplatform for synergistic photothermal therapy and chemotherapy of tumors.. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 210, 112261	6	2
87	Dimeric Her2-specific affibody mediated cisplatin-loaded nanoparticles for tumor enhanced chemo-radiotherapy. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 138	9.4	4
86	Hollow Mesoporous Silica Nanoparticles Gated by Chitosan-Copper Sulfide Composites as Theranostic Agents for the Treatment of Breast Cancer. <i>Acta Biomaterialia</i> , 2021 , 126, 408-420	10.8	15
85	Nanoparticles prepared from pterostilbene reduce blood glucose and improve diabetes complications. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 191	9.4	6
84	Electrospinning for healthcare: recent advancements. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 939-951	7.3	33
83	A new Glucose-Responsive delivery system based on Sulfonamide-phenylboronic acid for subcutaneous insulin injection. <i>European Polymer Journal</i> , 2021 , 157, 110648	5.2	1
82	Bioresponsive Functional Phenylboronic Acid-Based Delivery System as an Emerging Platform for Diabetic Therapy. <i>International Journal of Nanomedicine</i> , 2021 , 16, 297-314	7.3	10
81	Co-delivery of doxorubicin and oleanolic acid by triple-sensitive nanocomposite based on chitosan for effective promoting tumor apoptosis. <i>Carbohydrate Polymers</i> , 2020 , 247, 116672	10.3	10
80	Galactose-based polymer-containing phenylboronic acid as carriers for insulin delivery. <i>Nanotechnology</i> , 2020 , 31, 395601	3.4	9
79	Functionalized boron nanosheets as an intelligent nanoplatform for synergistic low-temperature photothermal therapy and chemotherapy. <i>Nanoscale</i> , 2020 , 12, 14739-14750	7.7	30
78	Cancer Theranostics: A Tumor Microenvironment-Responsive Biodegradable Mesoporous Nanosystem for Anti-Inflammation and Cancer Theranostics (Adv. Healthcare Mater. 2/2020). <i>Advanced Healthcare Materials</i> , 2020 , 9, 2070007	10.1	
77	Stealth Polydopamine-Based Nanoparticles with Red Blood Cell Membrane for the Chemo-Photothermal Therapy of Cancer.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2350-2359	4.1	7
76	A Tumor Microenvironment-Responsive Biodegradable Mesoporous Nanosystem for Anti-Inflammation and Cancer Theranostics. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901307	10.1	14
75	Biomaterialized Bimetallic Oxide Nanotheranostics for Multimodal Imaging-Guided Combination Therapy. <i>Theranostics</i> , 2020 , 10, 841-855	12.1	25
74	A multifunctional nanoplatform based on MoS ₂ -nanosheets for targeted drug delivery and chemo-photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 185, 110585	6	19

73	Platelet membrane biomimetic bufalin-loaded hollow MnO ₂ nanoparticles for MRI-guided chemo-chemodynamic combined therapy of cancer. <i>Chemical Engineering Journal</i> , 2020 , 382, 122848	14.7	49
72	Synergistic Chemo-Photothermal Suppression of Cancer by Melanin Decorated MoO Nanosheets.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 4356-4366	4.1	11
71	Erythrocyte Membrane Cloaked Curcumin-Loaded Nanoparticles for Enhanced Chemotherapy. <i>Pharmaceutics</i> , 2019 , 11,	6.4	16
70	A chitosan-based cascade-responsive drug delivery system for triple-negative breast cancer therapy. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 95	9.4	35
69	Biodegradable, pH-Sensitive Hollow Mesoporous Organosilica Nanoparticle (HMON) with Controlled Release of Pirfenidone and Ultrasound-Target-Microbubble-Destruction (UTMD) for Pancreatic Cancer Treatment. <i>Theranostics</i> , 2019 , 9, 6002-6018	12.1	30
68	Optimization of Mixed Cultivation of the Moderate Thermophilic Bioleaching Microorganisms for High Cell Density Using Statistical Methodology. <i>Geomicrobiology Journal</i> , 2019 , 36, 224-231	2.5	6
67	Pluronic F127-based micelles for tumor-targeted bufalin delivery. <i>International Journal of Pharmaceutics</i> , 2019 , 559, 289-298	6.5	30
66	Dual-responsive nanoparticles based on chitosan for enhanced breast cancer therapy. <i>Carbohydrate Polymers</i> , 2019 , 221, 84-93	10.3	27
65	A Multifunctional Biodegradable Nanocomposite for Cancer Theranostics. <i>Advanced Science</i> , 2019 , 6, 1802001	13.6	50
64	Platelet-membrane-biomimetic nanoparticles for targeted antitumor drug delivery. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 60	9.4	54
63	Tunable drug release from blend poly(vinyl pyrrolidone)-ethyl cellulose nanofibers. <i>International Journal of Pharmaceutics</i> , 2019 , 562, 172-179	6.5	31
62	A novel chitosan-based nanomedicine for multi-drug resistant breast cancer therapy. <i>Chemical Engineering Journal</i> , 2019 , 369, 134-149	14.7	45
61	Electrospun oral formulations for combined photo-chemotherapy of colon cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 183, 110411	6	11
60	The effect of collection substrate on electrospun ciprofloxacin-loaded poly(vinylpyrrolidone) and ethyl cellulose nanofibers as potential wound dressing materials. <i>Materials Science and Engineering C</i> , 2019 , 104, 109917	8.3	29
59	Eupafolin Suppresses Esophagus Cancer Growth by Targeting T-LAK Cell-Originated Protein Kinase. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1248	5.6	10
58	Dual-responsive molybdenum disulfide/copper sulfide-based delivery systems for enhanced chemo-photothermal therapy. <i>Journal of Colloid and Interface Science</i> , 2019 , 539, 433-441	9.3	22
57	Functionalized MoS ₂ -nanosheets for targeted drug delivery and chemo-photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 173, 101-108	6	47
56	Functionalized MoS ₂ nanosheet-capped periodic mesoporous organosilicas as a multifunctional platform for synergistic targeted chemo-photothermal therapy. <i>Chemical Engineering Journal</i> , 2018 , 342, 90-102	14.7	66

55	Core-shell poly(lactide-co-ε-caprolactone)-gelatin fiber scaffolds as pH-sensitive drug delivery systems. <i>Journal of Biomaterials Applications</i> , 2018 , 32, 1105-1118	2.9	19
54	Dual-responsive drug delivery systems prepared by blend electrospinning. <i>International Journal of Pharmaceutics</i> , 2018 , 543, 1-7	6.5	24
53	pH-responsive liposomes self-assembled from electrospayed microparticles, and their drug release properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 537, 20-27	5.1	22
52	Dual temperature and pH responsive nanofiber formulations prepared by electrospinning. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 171, 142-149	6	32
51	Regenerated chitin fibers reinforced with bacterial cellulose nanocrystals as suture biomaterials. <i>Carbohydrate Polymers</i> , 2018 , 180, 304-313	10.3	58
50	Chemodrug-Gated Biodegradable Hollow Mesoporous Organosilica Nanotheranostics for Multimodal Imaging-Guided Low-Temperature Photothermal Therapy/Chemotherapy of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 42115-42126	9.5	59
49	l-Peptide functionalized dual-responsive nanoparticles for controlled paclitaxel release and enhanced apoptosis in breast cancer cells. <i>Drug Delivery</i> , 2018 , 25, 1275-1288	7	21
48	Core-Sheath Nanofibers as Drug Delivery System for Thermoresponsive Controlled Release. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 1258-1265	3.9	27
47	Poly(N-isopropylacrylamide)/poly(l-lactic acid-co-ε-caprolactone) fibers loaded with ciprofloxacin as wound dressing materials. <i>Materials Science and Engineering C</i> , 2017 , 79, 245-254	8.3	31
46	Fabrication and investigation of a biocompatible microfilament with high mechanical performance based on regenerated bacterial cellulose and bacterial cellulose. <i>Materials Science and Engineering C</i> , 2017 , 79, 516-524	8.3	14
45	Phenylboronic acid-diol crosslinked 6-O-vinylazeloil-d-galactose nanocarriers for insulin delivery. <i>Materials Science and Engineering C</i> , 2017 , 76, 845-855	8.3	14
44	Thermosensitive nanofibers loaded with ciprofloxacin as antibacterial wound dressing materials. <i>International Journal of Pharmaceutics</i> , 2017 , 517, 135-147	6.5	69
43	Glucose- and temperature-sensitive nanoparticles for insulin delivery. <i>International Journal of Nanomedicine</i> , 2017 , 12, 4037-4057	7.3	19
42	Insulin-loaded PLGA microspheres for glucose-responsive release. <i>Drug Delivery</i> , 2017 , 24, 1513-1525	7	36
41	A thermosensitive drug delivery system prepared by blend electrospinning. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 159, 277-283	6	30
40	Electrospun gelatin/sodium bicarbonate and poly(lactide-co-ε-caprolactone)/sodium bicarbonate nanofibers as drug delivery systems. <i>Materials Science and Engineering C</i> , 2017 , 81, 359-365	8.3	24
39	A novel multifunctional biomedical material based on polyacrylonitrile: Preparation and characterization. <i>Materials Science and Engineering C</i> , 2016 , 62, 702-9	8.3	22
38	Electrospun Poly(N-isopropylacrylamide)/Ethyl Cellulose Nanofibers as Thermoresponsive Drug Delivery Systems. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 1104-12	3.9	69

37	Liraglutide-loaded poly(lactic-co-glycolic acid) microspheres: Preparation and in vivo evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 92, 28-38	5.1	16
36	Electrospun gelatin nanofibers loaded with vitamins A and E as antibacterial wound dressing materials. <i>RSC Advances</i> , 2016 , 6, 50267-50277	3.7	101
35	Synthesis and evaluation of temperature- and glucose-sensitive nanoparticles based on phenylboronic acid and N-vinylcaprolactam for insulin delivery. <i>Materials Science and Engineering C</i> , 2016 , 69, 1026-35	8.3	26
34	Facile fabrication of P(OVNG-co-NVCL) thermoresponsive double-hydrophilic glycopolymer nanofibers for sustained drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 135, 209-216	6	11
33	Development of universal pH sensors based on textiles. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 74, 641-649	2.3	8
32	Promotion of fibroblasts growth and collagen secretion by CA-nAg/Gelatin-FGF electrospun nanofibers as antibacterial wound dressing materials. <i>Journal of Controlled Release</i> , 2015 , 213, e40	11.7	6
31	Lung-targeted thermosensitive double-hydrophilic block glycopolymer micelles by RAFT polymerization. <i>Journal of Controlled Release</i> , 2015 , 213, e65	11.7	
30	Drug-loaded microparticles prepared by the one-step deposition of calcium carbonate/alginate onto cotton fabrics. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	5
29	Electrospun polyvinyl alcohol/carbon dioxide modified polyethyleneimine composite nanofiber scaffolds. <i>Journal of Biomaterials Applications</i> , 2015 , 29, 1407-17	2.9	5
28	Lectin recognizing thermoresponsive double hydrophilic glycopolymer micelles by RAFT polymerization. <i>RSC Advances</i> , 2014 , 4, 34912-34921	3.7	21
27	Electrospun glycopolymer fibers for lectin recognition. <i>Polymer Chemistry</i> , 2014 , 5, 3009-3017	4.9	15
26	Self-assembled liposomes from electrospayed polymer-based microparticles. <i>Colloid and Polymer Science</i> , 2014 , 292, 2325-2334	2.4	4
25	A simple route to form magnetic chitosan nanoparticles from coaxial-electrospun composite nanofibers. <i>Journal of Materials Science</i> , 2013 , 48, 3991-3998	4.3	22
24	Sustained release of ethyl cellulose micro-particulate drug delivery systems prepared using electrospaying. <i>Journal of Materials Science</i> , 2012 , 47, 1372-1377	4.3	36
23	Time-engineeringed biphasic drug release by electrospun nanofiber meshes. <i>International Journal of Pharmaceutics</i> , 2012 , 436, 88-96	6.5	63
22	Comparison of two electrospinning processes in obtaining finer polymer nanofibers. <i>Fibers and Polymers</i> , 2012 , 13, 450-455	2	10
21	Affinity Adsorption of Bromelain on Reactive Red 120 Immobilized Magnetic Composite Particles. <i>Separation Science and Technology</i> , 2011 , 46, 473-482	2.5	11
20	SH-Methylation of SH-Containing Heterocycles with Dimethyl Carbonate via Phase-Transfer Catalytic Reaction. <i>Synthetic Communications</i> , 2011 , 41, 871-878	1.7	11

19	Solid dispersions in the form of electrospun core-sheath nanofibers. <i>International Journal of Nanomedicine</i> , 2011 , 6, 3271-80	7.3	67
18	Coaxial electrospinning with organic solvent for controlling the size of self-assembled nanoparticles. <i>Chemical Communications</i> , 2011 , 47, 1216-8	5.8	59
17	Self-assembled liposomes from amphiphilic electrospun nanofibers. <i>Soft Matter</i> , 2011 , 7, 8239	3.6	58
16	Papain Adsorption on Chitosan-Coated Nylon-Based Immobilized Metal Ion (Cu ²⁺ , Ni ²⁺ , Zn ²⁺ , Co ²⁺) Affinity Membranes. <i>Separation Science and Technology</i> , 2010 , 45, 525-534	2.5	7
15	Electrospinning of Concentrated Polymer Solutions. <i>Macromolecules</i> , 2010 , 43, 10743-10746	5.5	54
14	Solid Dispersions of Ketoprofen in Drug-Loaded Electrospun Nanofibers. <i>Journal of Dispersion Science and Technology</i> , 2010 , 31, 902-908	1.5	34
13	Novel oral fast-disintegrating drug delivery devices with predefined inner structure fabricated by Three-Dimensional Printing. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 61, 323-329	4.8	73
12	Enzymatic Synthesis of Novel Feruloylated Lipids and Their Evaluation as Antioxidants. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2010 , 87, 305-311	1.8	12
11	Enzymatic Synthesis of Feruloylated Lipids: Comparison of the Efficiency of Vinyl Ferulate and Ethyl Ferulate as Substrates. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2010 , 87, 1443-1449	1.8	13
10	The compatibility of acyclovir with polyacrylonitrile in the electrospun drug-loaded nanofibers. <i>Journal of Applied Polymer Science</i> , 2010 , 117, NA-NA	2.9	11
9	Lipase-catalyzed transesterification of soybean oil for biodiesel production in tert-amyl alcohol. <i>World Journal of Microbiology and Biotechnology</i> , 2009 , 25, 41-46	4.4	42
8	The purification and characterization of deoxycytidine kinase from calf thymus. <i>World Journal of Microbiology and Biotechnology</i> , 2009 , 25, 475-480	4.4	1
7	Ultrafine ibuprofen-loaded polyvinylpyrrolidone fiber mats using electrospinning. <i>Polymer International</i> , 2009 , 58, 1010-1013	3.3	56
6	Oral fast-dissolving drug delivery membranes prepared from electrospun polyvinylpyrrolidone ultrafine fibers. <i>Nanotechnology</i> , 2009 , 20, 055104	3.4	201
5	4-Hydroxyphenylacetic Acid as a Monophenolase Inhibitor and a Diphenolase Activator on Mushroom Tyrosinase 2009 ,		1
4	Optimization of Selective Lipase-Catalyzed Feruloylated Monoacylglycerols by Response Surface Methodology. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2008 , 85, 635-639	1.8	7
3	Rheological characteristics of drug-loaded microemulsions and their printability in three dimensional printing systems. <i>Central South University</i> , 2008 , 15, 88-92		1
2	Nanoparticles capable of managing hypoglycemia and preventing myocardial ischemia-reperfusion injury. <i>Journal of Applied Polymer Science</i> , 51758	2.9	

- 1 Construction of Nano-Carriers Coated with Platelet Membrane and Its Application in Targeted Therapy of Inflammation. *Nano*,2150128 1.1