Junzi Wu

List of Publications by Citations

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	Oral fast-dissolving drug delivery membranes prepared from electrospun polyvinylpyrrolidone ultrafine fibers. *Nanotechnology*, **2009**, 20, 055104	3.4	201
89	Electrospun gelatin nanofibers loaded with vitamins A and E as antibacterial wound dressing materials. *RSC Advances*, **2016**, 6, 50267-50277	3.7	101
88	Novel oral fast-disintegrating drug delivery devices with predefined inner structure fabricated by Three-Dimensional Printing. *Journal of Pharmacy and Pharmacology*, **2010**, 61, 323-329	4.8	73
87	Thermosensitive nanofibers loaded with ciprofloxacin as antibacterial wound dressing materials. *International Journal of Pharmaceutics*, **2017**, 517, 135-147	6.5	69
86	Electrospun Poly(N-isopropylacrylamide)/Ethyl Cellulose Nanofibers as Thermoresponsive Drug Delivery Systems. *Journal of Pharmaceutical Sciences*, **2016**, 105, 1104-12	3.9	69
85	Solid dispersions in the form of electrospun core-sheath nanofibers. *International Journal of Nanomedicine*, **2011**, 6, 3271-80	7.3	67
84	Functionalized MoS 2 nanosheet-capped periodic mesoporous organosilicas as a multifunctional platform for synergistic targeted chemo-photothermal therapy. *Chemical Engineering Journal*, **2018** , 342, 90-102	14.7	66
83	Time-engineeringed biphasic drug release by electrospun nanofiber meshes. *International Journal of Pharmaceutics*, **2012**, 436, 88-96	6.5	63
82	Coaxial electrospinning with organic solvent for controlling the size of self-assembled nanoparticles. *Chemical Communications*, **2011**, 47, 1216-8	5.8	59
81	Chemodrug-Gated Biodegradable Hollow Mesoporous Organosilica Nanotheranostics for Multimodal Imaging-Guided Low-Temperature Photothermal Therapy/Chemotherapy of Cancer. *ACS Applied Materials & Interfaces*, **2018**, 10, 42115-42126	9.5	59
80	Regenerated chitin fibers reinforced with bacterial cellulose nanocrystals as suture biomaterials. *Carbohydrate Polymers*, **2018**, 180, 304-313	10.3	58
79	Self-assembled liposomes from amphiphilic electrospun nanofibers. *Soft Matter*, **2011**, 7, 8239	3.6	58
78	Ultrafine ibuprofen-loaded polyvinylpyrrolidone fiber mats using electrospinning. *Polymer International*, **2009**, 58, 1010-1013	3.3	56
77	Platelet-membrane-biomimetic nanoparticles for targeted antitumor drug delivery. *Journal of Nanobiotechnology*, **2019**, 17, 60	9.4	54
76	Electrospinning of Concentrated Polymer Solutions. *Macromolecules*, **2010**, 43, 10743-10746	5.5	54
75	A Multifunctional Biodegradable Nanocomposite for Cancer Theranostics. *Advanced Science*, **2019**, 6, 1802001	13.6	50
74	Platelet membrane biomimetic bufalin-loaded hollow MnO2 nanoparticles for MRI-guided chemo-chemodynamic combined therapy of cancer. *Chemical Engineering Journal*, **2020**, 382, 122848	14.7	49

73	Functionalized MoS-nanosheets for targeted drug delivery and chemo-photothermal therapy. *Colloids and Surfaces B: Biointerfaces*, **2019**, 173, 101-108	6	47
72	A novel chitosan-based nanomedicine for multi-drug resistant breast cancer therapy. *Chemical Engineering Journal*, **2019**, 369, 134-149	14.7	45
71	Lipase-catalyzed transesterification of soybean oil for biodiesel production in tert-amyl alcohol. *World Journal of Microbiology and Biotechnology*, **2009**, 25, 41-46	4.4	42
70	Insulin-loaded PLGA microspheres for glucose-responsive release. *Drug Delivery*, **2017**, 24, 1513-1525	7	36
69	Sustained release of ethyl cellulose micro-particulate drug delivery systems prepared using electrospraying. *Journal of Materials Science*, **2012**, 47, 1372-1377	4.3	36
68	A chitosan-based cascade-responsive drug delivery system for triple-negative breast cancer therapy. *Journal of Nanobiotechnology*, **2019**, 17, 95	9.4	35
67	Solid Dispersions of Ketoprofen in Drug-Loaded Electrospun Nanofibers. *Journal of Dispersion Science and Technology*, **2010**, 31, 902-908	1.5	34
66	Electrospinning for healthcare: recent advancements. *Journal of Materials Chemistry B*, **2021**, 9, 939-951	7.3	33
65	Dual temperature and pH responsive nanofiber formulations prepared by electrospinning. *Colloids and Surfaces B: Biointerfaces*, **2018**, 171, 142-149	6	32
64	Poly(N-isopropylacrylamide)/poly(l-lactic acid-co-e-caprolactone) fibers loaded with ciprofloxacin as wound dressing materials. *Materials Science and Engineering C*, **2017**, 79, 245-254	8.3	31
63	Tunable drug release from blend poly(vinyl pyrrolidone)-ethyl cellulose nanofibers. *International Journal of Pharmaceutics*, **2019**, 562, 172-179	6.5	31
62	Biodegradable, pH-Sensitive Hollow Mesoporous Organosilica Nanoparticle (HMON) with Controlled Release of Pirfenidone and Ultrasound-Target-Microbubble-Destruction (UTMD) for Pancreatic Cancer Treatment. *Theranostics*, **2019**, 9, 6002-6018	12.1	30
61	Pluronic F127-based micelles for tumor-targeted bufalin delivery. *International Journal of Pharmaceutics*, **2019**, 559, 289-298	6.5	30
60	Functionalized boron nanosheets as an intelligent nanoplatform for synergistic low-temperature photothermal therapy and chemotherapy. *Nanoscale*, **2020**, 12, 14739-14750	7.7	30
59	A thermosensitive drug delivery system prepared by blend electrospinning. *Colloids and Surfaces B: Biointerfaces*, **2017**, 159, 277-283	6	30
58	The effect of collection substrate on electrospun ciprofloxacin-loaded poly(vinylpyrrolidone) and ethyl cellulose nanofibers as potential wound dressing materials. *Materials Science and Engineering C*, **2019**, 104, 109917	8.3	29
57	Core-Sheath Nanofibers as Drug Delivery System for Thermoresponsive Controlled Release. *Journal of Pharmaceutical Sciences*, **2017**, 106, 1258-1265	3.9	27
56	Dual-responsive nanoparticles based on chitosan for enhanced breast cancer therapy. *Carbohydrate Polymers*, **2019**, 221, 84-93	10.3	27

55	Synthesis and evaluation of temperature- and glucose-sensitive nanoparticles based on phenylboronic acid and N-vinylcaprolactam for insulin delivery. *Materials Science and Engineering C*, **2016**, 69, 1026-35	8.3	26
54	Biomineralized Bimetallic Oxide Nanotheranostics for Multimodal Imaging-Guided Combination Therapy. *Theranostics*, **2020**, 10, 841-855	12.1	25
53	Dual-responsive drug delivery systems prepared by blend electrospinning. *International Journal of Pharmaceutics*, **2018**, 543, 1-7	6.5	24
52	Electrospun gelatin/sodium bicarbonate and poly(lactide-co-ε-caprolactone)/sodium bicarbonate nanofibers as drug delivery systems. *Materials Science and Engineering C*, **2017**, 81, 359-365	8.3	24
51	pH-responsive liposomes self-assembled from electrosprayed microparticles, and their drug release properties. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 537, 20-27	5.1	22
50	A novel multifunctional biomedical material based on polyacrylonitrile: Preparation and characterization. *Materials Science and Engineering C*, **2016**, 62, 702-9	8.3	22
49	A simple route to form magnetic chitosan nanoparticles from coaxial-electrospun composite nanofibers. *Journal of Materials Science*, **2013**, 48, 3991-3998	4.3	22
48	Dual-responsive molybdenum disulfide/copper sulfide-based delivery systems for enhanced chemo-photothermal therapy. *Journal of Colloid and Interface Science*, **2019**, 539, 433-441	9.3	22
47	Lectin recognizing thermoresponsive double hydrophilic glycopolymer micelles by RAFT polymerization. *RSC Advances*, **2014**, 4, 34912-34921	3.7	21
46	l-Peptide functionalized dual-responsive nanoparticles for controlled paclitaxel release and enhanced apoptosis in breast cancer cells. *Drug Delivery*, **2018**, 25, 1275-1288	7	21
45	Glucose- and temperature-sensitive nanoparticles for insulin delivery. *International Journal of Nanomedicine*, **2017**, 12, 4037-4057	7.3	19
44	Core-shell poly(lactide-co-ε-caprolactone)-gelatin fiber scaffolds as pH-sensitive drug delivery systems. *Journal of Biomaterials Applications*, **2018**, 32, 1105-1118	2.9	19
43	A multifunctional nanoplatform based on MoS-nanosheets for targeted drug delivery and chemo-photothermal therapy. *Colloids and Surfaces B: Biointerfaces*, **2020**, 185, 110585	6	19
42	Erythrocyte Membrane Cloaked Curcumin-Loaded Nanoparticles for Enhanced Chemotherapy. *Pharmaceutics*, **2019**, 11,	6.4	16
41	Liraglutide-loaded poly(lactic-co-glycolic acid) microspheres: Preparation and in vivo evaluation. *European Journal of Pharmaceutical Sciences*, **2016**, 92, 28-38	5.1	16
40	Electrospun glycopolymer fibers for lectin recognition. *Polymer Chemistry*, **2014**, 5, 3009-3017	4.9	15
39	Hollow Mesoporous Silica Nanoparticles Gated by Chitosan-Copper Sulfide Composites as Theranostic Agents for the Treatment of Breast Cancer. *Acta Biomaterialia*, **2021**, 126, 408-420	10.8	15
38	Fabrication and investigation of a biocompatible microfilament with high mechanical performance based on regenerated bacterial cellulose and bacterial cellulose. *Materials Science and Engineering C*, **2017**, 79, 516-524	8.3	14

37	Phenylboronic acid-diol crosslinked 6-O-vinylazeloyl-d-galactose nanocarriers for insulin delivery. *Materials Science and Engineering C*, **2017**, 76, 845-855	8.3	14
36	A Tumor Microenvironment-Responsive Biodegradable Mesoporous Nanosystem for Anti-Inflammation and Cancer Theranostics. *Advanced Healthcare Materials*, **2020**, 9, e1901307	10.1	14
35	Enzymatic Synthesis of Feruloylated Lipids: Comparison of the Efficiency of Vinyl Ferulate and Ethyl Ferulate as Substrates. *JAOCS, Journal of the American Oil ChemistsnSociety*, **2010**, 87, 1443-1449	1.8	13
34	Enzymatic Synthesis of Novel Feruloylated Lipids and Their Evaluation as Antioxidants. *JAOCS, Journal of the American Oil ChemistsnSociety*, **2010**, 87, 305-311	1.8	12
33	Synergistic Chemo-Photothermal Suppression of Cancer by Melanin Decorated MoO Nanosheets.. *ACS Applied Bio Materials*, **2019**, 2, 4356-4366	4.1	11
32	Facile fabrication of P(OVNG-co-NVCL) thermoresponsive double-hydrophilic glycopolymer nanofibers for sustained drug release. *Colloids and Surfaces B: Biointerfaces*, **2015**, 135, 209-216	6	11
31	Electrospun oral formulations for combined photo-chemotherapy of colon cancer. *Colloids and Surfaces B: Biointerfaces*, **2019**, 183, 110411	6	11
30	Affinity Adsorption of Bromelain on Reactive Red 120 Immobilized Magnetic Composite Particles. *Separation Science and Technology*, **2011**, 46, 473-482	2.5	11
29	SH-Methylation of SH-Containing Heterocycles with Dimethyl Carbonate via Phase-Transfer Catalytic Reaction. *Synthetic Communications*, **2011**, 41, 871-878	1.7	11
28	The compatibility of acyclovir with polyacrylonitrile in the electrospun drug-loaded nanofibers. *Journal of Applied Polymer Science*, **2010**, 117, NA-NA	2.9	11
27	Co-delivery of doxorubicin and oleanolic acid by triple-sensitive nanocomposite based on chitosan for effective promoting tumor apoptosis. *Carbohydrate Polymers*, **2020**, 247, 116672	10.3	10
26	Eupafolin Suppresses Esophagus Cancer Growth by Targeting T-LAK Cell-Originated Protein Kinase. *Frontiers in Pharmacology*, **2019**, 10, 1248	5.6	10
25	Comparison of two electrospinning processes in obtaining finer polymer nanofibers. *Fibers and Polymers*, **2012**, 13, 450-455	2	10
24	Bioresponsive Functional Phenylboronic Acid-Based Delivery System as an Emerging Platform for Diabetic Therapy. *International Journal of Nanomedicine*, **2021**, 16, 297-314	7.3	10
23	Galactose-based polymer-containing phenylboronic acid as carriers for insulin delivery. *Nanotechnology*, **2020**, 31, 395601	3.4	9
22	Development of universal pH sensors based on textiles. *Journal of Sol-Gel Science and Technology*, **2015**, 74, 641-649	2.3	8
21	Stealth Polydopamine-Based Nanoparticles with Red Blood Cell Membrane for the Chemo-Photothermal Therapy of Cancer.. *ACS Applied Bio Materials*, **2020**, 3, 2350-2359	4.1	7
20	Papain Adsorption on Chitosan-Coated Nylon-Based Immobilized Metal Ion (Cu2+, Ni2+, Zn2+, Co2+) Affinity Membranes. *Separation Science and Technology*, **2010**, 45, 525-534	2.5	7

19	Optimization of Selective Lipase-Catalyzed Feruloylated Monoacylglycerols by Response Surface Methodology. *JAOCS, Journal of the American Oil ChemistsnSociety*, **2008**, 85, 635-639	1.8	7
18	Optimization of Mixed Cultivation of the Moderate Thermophilic Bioleaching Microorganisms for High Cell Density Using Statistical Methodology. *Geomicrobiology Journal*, **2019**, 36, 224-231	2.5	6
17	Promotion of fibroblasts growth and collagen secretion by CA-nAg/Gelatin-FGF electrospun nanofibers as antibacterial wound dressing materials. *Journal of Controlled Release*, **2015**, 213, e40	11.7	6
16	Nanoparticles prepared from pterostilbene reduce blood glucose and improve diabetes complications. *Journal of Nanobiotechnology*, **2021**, 19, 191	9.4	6
15	Drug-loaded microparticles prepared by the one-step deposition of calcium carbonate/alginate onto cotton fabrics. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	5
14	Electrospun polyvinyl alcohol/carbon dioxide modified polyethyleneimine composite nanofiber scaffolds. *Journal of Biomaterials Applications*, **2015**, 29, 1407-17	2.9	5
13	Self-assembled liposomes from electrosprayed polymer-based microparticles. *Colloid and Polymer Science*, **2014**, 292, 2325-2334	2.4	4
12	Dimeric Her2-specific affibody mediated cisplatin-loaded nanoparticles for tumor enhanced chemo-radiotherapy. *Journal of Nanobiotechnology*, **2021**, 19, 138	9.4	4
11	Functionalized layered double hydroxide nanoparticles as an intelligent nanoplatform for synergistic photothermal therapy and chemotherapy of tumors.. *Colloids and Surfaces B: Biointerfaces*, **2021**, 210, 112261	6	2
10	The purification and characterization of deoxycytidine kinase from calf thymus. *World Journal of Microbiology and Biotechnology*, **2009**, 25, 475-480	4.4	1
9	4-Hydroxyphenylacetic Acid as a Monophenolase Inhibitor and a Diphenolase Activator on Mushroom Tyrosinase **2009**,		1
8	Rheological characteristics of drug-loaded microemulsions and their printability in three dimensional printing systems. *Central South University*, **2008**, 15, 88-92		1
7	A new Glucose-Responsive delivery system based on Sulfonamide-phenylboronic acid for subcutaneous insulin injection. *European Polymer Journal*, **2021**, 157, 110648	5.2	1
6	Novel glucose-responsive nanoparticles based on p-hydroxyphenethyl anisate and 3-acrylamidophenylboronic acid reduce blood glucose and ameliorate diabetic nephropathy.. *Materials Today Bio*, **2022**, 13, 100181	9.9	0
5	Cu2+-Chelating Mesoporous Silica Nanoparticles for Synergistic Chemotherapy/Chemodynamic Therapy. *Pharmaceutics*, **2022**, 14, 1200	6.4	0
4	Lung-targeted thermosensitive double-hydrophilic block glycopolymer micelles by RAFT polymerization. *Journal of Controlled Release*, **2015**, 213, e65	11.7	
3	Cancer Theranostics: A Tumor Microenvironment-Responsive Biodegradable Mesoporous Nanosystem for Anti-Inflammation and Cancer Theranostics (Adv. Healthcare Mater. 2/2020). *Advanced Healthcare Materials*, **2020**, 9, 2070007	10.1	
2	Nanoparticles capable of managing hypoglycemia and preventing myocardial ischemia-reperfusion injury. *Journal of Applied Polymer Science*,51758	2.9	

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