Qun Wang

List of Publications by Year
in descending order

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60	6,479	50276	133252
papers	citations	46 h-index	59 g-index

60	60	60	9091
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Injectable Nano-Network for Glucose-Mediated Insulin Delivery. ACS Nano, 2013, 7, 4194-4201.	14.6	395
2	Alginate/gelatin blend films and their properties for drug controlled release. Journal of Membrane Science, 2006, 280, 37-44.	8.2	333
3	Silk sericin: A versatile material for tissue engineering and drug delivery. Biotechnology Advances, 2015, 33, 1855-1867.	11.7	314
4	Emerging chitin and chitosan nanofibrous materials for biomedical applications. Nanoscale, 2014, 6, 9477-9493.	5.6	305
5	Effects of polyethylene glycol on the surface of nanoparticles for targeted drug delivery. Nanoscale, 2021, 13, 10748-10764.	5.6	289
6	Electroconductive natural polymer-based hydrogels. Biomaterials, 2016, 111, 40-54.	11.4	287
7	Advances in self-assembled chitosan nanomaterials for drug delivery. Biotechnology Advances, 2014, 32, 1301-1316.	11.7	260
8	Nanocomposite Hydrogels and Their Applications in Drug Delivery and Tissue Engineering. Journal of Biomedical Nanotechnology, 2015, 11, 40-52.	1.1	216
9	Multifunctional nanoparticles for targeted delivery of immune activating and cancer therapeutic agents. Journal of Controlled Release, 2013, 172, 1020-1034.	9.9	193
10	Non-genetic engineering of cells for drug delivery and cell-based therapy. Advanced Drug Delivery Reviews, 2015, 91, 125-140.	13.7	190
11	Controlled Co-delivery of Growth Factors through Layer-by-Layer Assembly of Coreâ€“Shell Nanofibers for Improving Bone Regeneration. ACS Nano, 2019, 13, 6372-6382.	14.6	188
12	Biocompatible nanoparticles and vesicular systems in transdermal drug delivery for various skin diseases. International Journal of Pharmaceutics, 2019, 555, 49-62.	5.2	163
13	Injectable PLGA based colloidal gels for zero-order dexamethasone release in cranial defects. Biomaterials, 2010, 31, 4980-4986.	11.4	159
14	Recent advances in liposome surface modification for oral drug delivery. Nanomedicine, 2016, 11, 1169-1185.	3.3	159
15	Controlled release of ciprofloxacin hydrochloride from chitosan/polyethylene glycol blend films. Carbohydrate Polymers, 2007, 69, 336-343.	10.2	150
16	Polymeric multifunctional nanomaterials for theranostics. Journal of Materials Chemistry B, 2015, 3, 6856-6870.	5.8	140
17	Treatment of neurodegenerative disorders through the bloodâ€“brain barrier using nanocarriers. Nanoscale, 2018, 10, 16962-16983.	5.6	130
18	PLGAâ€chitosan/PLGAâ€alginate nanoparticle blends as biodegradable colloidal gels for seeding human umbilical cord mesenchymal stem cells. Journal of Biomedical Materials Research - Part A, 2011, 96A, 520-527.	4.0	126

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19	Advanced Silk Fibroin Biomaterials for Cartilage Regeneration. ACS Biomaterials Science and Engineering, 2018, 4, 2704-2715.	5.2	123
20	Injectable actarit-loaded solid lipid nanoparticles as passive targeting therapeutic agents for rheumatoid arthritis. International Journal of Pharmaceutics, 2008, 352, 273-279.	5.2	121
21	Recyclable Saccharomyces cerevisiae loaded nanofibrous mats with sandwich structure constructing via bio-electrospraying for heavy metal removal. Journal of Hazardous Materials, 2017, 324, 365-372.	12.4	95
22	Intestinal organoids containing poly(lactic–co–glycolic acid) nanoparticles for the treatment of inflammatory bowel diseases. Journal of Biomedical Materials Research - Part A, 2018, 106, 876-886.	4.0	92
23	Synthesis and In Vitro Characterization of Carboxymethyl Chitosan-CBA-Doxorubicin Conjugate Nanoparticles as pH-Sensitive Drug Delivery Systems. Journal of Biomedical Nanotechnology, 2017, 13, 1097-1105.	1.1	90
24	Antibacterial activity of nanofibrous mats coated with lysozyme-layered silicate composites via electrospraying. Carbohydrate Polymers, 2014, 99, 218-225.	10.2	86
25	Rheological behaviour of chitin in NaOH/urea aqueous solution. Carbohydrate Polymers, 2011, 83, 1128-1133.	10.2	84
26	The role of glucose transporters in the distribution of p-aminophenyl-Î±-d-mannopyranoside modified liposomes within mice brain. Journal of Controlled Release, 2014, 182, 99-110.	9.9	83
27	Adsorption mechanism of magnetically separable Fe 3 O 4 /graphene oxide hybrids. Applied Surface Science, 2015, 355, 562-569.	6.1	83
28	Nanocarriers in therapy of infectious and inflammatory diseases. Nanoscale, 2015, 7, 4291-4305.	5.6	82
29	Functional Nanoparticles in Targeting Glioma Diagnosis and Therapies. Journal of Nanoscience and Nanotechnology, 2014, 14, 415-432.	0.9	80
30	The use of antibody modified liposomes loaded with AMO-1 to deliver oligonucleotides to ischemic myocardium for arrhythmia therapy. Biomaterials, 2014, 35, 3697-3707.	11.4	80
31	Near-Infrared Light-Triggered Porous AuPd Alloy Nanoparticles To Produce Mild Localized Heat To Accelerate Bone Regeneration. Journal of Physical Chemistry Letters, 2019, 10, 4185-4191.	4.6	76
32	A7RC peptide modified paclitaxel liposomes dually target breast cancer. Biomaterials Science, 2015, 3, 1545-1554.	5.4	75
33	Ultrasound-triggered noninvasive regulation of blood glucose levels using microgels integrated with insulin nanocapsules. Nano Research, 2017, 10, 1393-1402.	10.4	74
34	A pH-Sensitive Nanosystem Based on Carboxymethyl Chitosan for Tumor-Targeted Delivery of Daunorubicin. Journal of Biomedical Nanotechnology, 2016, 12, 1688-1698.	1.1	70
35	Hybrid Hydroxyapatite Nanoparticle Colloidal Gels are Injectable Fillers for Bone Tissue Engineering. Tissue Engineering - Part A, 2013, 19, 2586-2593.	3.1	69
36	Vaccine-like Controlled-Release Delivery of an Immunomodulating Peptide To Treat Experimental Autoimmune Encephalomyelitis. Molecular Pharmaceutics, 2012, 9, 979-985.	4.6	65

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37	Solid Lipid Nanoparticles as Insulin Inhalation Carriers for Enhanced Pulmonary Delivery. Journal of Biomedical Nanotechnology, 2009, 5, 84-92.	1.1	63
38	Chitosan/starch fibers and their properties for drug controlled release. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 66, 398-404.	4.3	61
39	Alginate/polyethylene glycol blend fibers and their properties for drug controlled release. Journal of Biomedical Materials Research - Part A, 2007, 82A, 122-128.	4.0	60
40	An intestinal Trojan horse for gene delivery. Nanoscale, 2015, 7, 4354-4360.	5.6	60
41	Redox Sensitive Shell and Core Crosslinked Hyaluronic Acid Nanocarriers for Tumor-Targeted Drug Delivery. Journal of Biomedical Nanotechnology, 2016, 12, 1641-1653.	1.1	60
42	Construction of lysozyme exfoliated rectoriteâ€based electrospun nanofibrous membranes for bacterial inhibition. Journal of Applied Polymer Science, 2015, 132, .	2.6	56
43	Emerging nanostructured materials for musculoskeletal tissue engineering. Journal of Materials Chemistry B, 2014, 2, 6435-6461.	5.8	52
44	Novel Layer-by-Layer Structured Nanofibrous Mats Coated by Protein Films for Dermal Regeneration. Journal of Biomedical Nanotechnology, 2014, 10, 803-810.	1.1	51
45	Gut Organoid as a New Platform to Study Alginate and Chitosan Mediated PLGA Nanoparticles for Drug Delivery. Marine Drugs, 2021, 19, 282.	4.6	51
46	Self-Assembled Hyaluronic Acid Nanoparticles for pH-Sensitive Release of Doxorubicin: Synthesis and In Vitro Characterization. Journal of Biomedical Nanotechnology, 2017, 13, 1058-1068.	1.1	49
47	Tamoxifen embedded in lipid bilayer improves the oncotarget of liposomal daunorubicin in vivo. Journal of Materials Chemistry B, 2014, 2, 1619.	5.8	46
48	Ex Vivo Culture of Primary Intestinal Stem Cells in Collagen Gels and Foams. ACS Biomaterials Science and Engineering, 2015, 1, 37-42.	5.2	45
49	Adhesion of pancreatic beta cells to biopolymer films. Biopolymers, 2009, 91, 676-685.	2.4	44
50	A bio-responsive 6-mercaptopurine/doxorubicin based â€œClick Chemistryâ€•polymeric prodrug for cancer therapy. Materials Science and Engineering C, 2020, 108, 110461.	7.3	43
51	Heart-Targeted Nanoscale Drug Delivery Systems. Journal of Biomedical Nanotechnology, 2014, 10, 2038-2062.	1.1	37
52	Soft materials as biological and artificial membranes. Chemical Society Reviews, 2021, 50, 12679-12701.	38.1	35
53	Characterization and cytotoxicity study of nanofibrous mats incorporating rectorite and carbon nanotubes. RSC Advances, 2014, 4, 33355.	3.6	33
54	Effects of six common dietary nutrients on murine intestinal organoid growth. PLoS ONE, 2018, 13, e0191517.	2.5	26

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55	Transport of artificial virus-like nanocarriers through intestinal monolayers via microfold cells. Nanoscale, 2020, 12, 16339-16347.	5.6	24
56	Ex Vivo Study of Telluride Nanowires in Minigut. Journal of Biomedical Nanotechnology, 2018, 14, 978-986.	1.1	19
57	Alternative foaming agents for topical treatment of ulcerative colitis. Journal of Biomedical Materials Research - Part A, 2018, 106, 1448-1456.	4.0	13
58	Manipulate intestinal organoids with niobium carbide nanosheets. Journal of Biomedical Materials Research - Part A, 2021, 109, 479-487.	4.0	12
59	Biomimetic erythrocytes engineered drug delivery for cancer therapy. Chemical Engineering Journal, 2022, 433, 133498.	12.7	10
60	CHAPTER 12. Intestinal Tissue Engineering with Intestinal Stem Cells. RSC Smart Materials, 0, , 329-357.	0.1	4