Qiang Peng

List of Publications by Citations

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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.

65 papers	2,541 citations	29 h-index	49 g-index
67 ext. papers	3,310 ext. citations	7.6 avg, IF	5.55 L-index

#	Paper	IF	Citations
65	Preformed albumin corona, a protective coating for nanoparticles based drug delivery system. *Biomaterials*, **2013**, 34, 8521-30	15.6	229
64	Exosomes: The next generation of endogenous nanomaterials for advanced drug delivery and therapy. *Acta Biomaterialia*, **2019**, 86, 1-14	10.8	148
63	Graphene-based nanomaterials and their potentials in advanced drug delivery and cancer therapy. *Journal of Controlled Release*, **2018**, 286, 64-73	11.7	140
62	A rapid-acting, long-acting insulin formulation based on a phospholipid complex loaded PHBHHx nanoparticles. *Biomaterials*, **2012**, 33, 1583-8	15.6	112
61	Nanomaterials-based photothermal therapy and its potentials in antibacterial treatment. *Journal of Controlled Release*, **2020**, 328, 251-262	11.7	104
60	Graphene-based nanomaterials: the promising active agents for antibiotics-independent antibacterial applications. *Journal of Controlled Release*, **2019**, 307, 16-31	11.7	102
59	Injectable and biodegradable thermosensitive hydrogels loaded with PHBHHx nanoparticles for the sustained and controlled release of insulin. *Acta Biomaterialia*, **2013**, 9, 5063-9	10.8	98
58	Independent effect of polymeric nanoparticle zeta potential/surface charge, on their cytotoxicity and affinity to cells. *Cell Proliferation*, **2015**, 48, 465-74	7.9	97
57	Protein-gold nanoparticle interactions and their possible impact on biomedical applications. *Acta Biomaterialia*, **2017**, 55, 13-27	10.8	91
56	The potential of protein-nanomaterial interaction for advanced drug delivery. *Journal of Controlled Release*, **2016**, 225, 121-32	11.7	87
55	Insight into the Interaction of Graphene Oxide with Serum Proteins and the Impact of the Degree of Reduction and Concentration. *ACS Applied Materials & Interfaces*, **2015**, 7, 13367-74	9.5	83
54	Mechanisms of phospholipid complex loaded nanoparticles enhancing the oral bioavailability. *Molecular Pharmaceutics*, **2010**, 7, 565-75	5.6	72
53	Peroxisome Proliferator-Activated Receptor-Master Regulator of Adipogenesis and Obesity. *Current Stem Cell Research and Therapy*, **2016**, 11, 282-9	3.6	68
52	Self-Assembled Tetrahedral DNA Nanostructures Promote Adipose-Derived Stem Cell Migration via lncRNA XLOC 010623 and RHOA/ROCK2 Signal Pathway. *ACS Applied Materials & Interfaces*, **2016**, 8, 19353-63	9.5	62
51	Tetrahedral DNA Nanostructure: A Potential Promoter for Cartilage Tissue Regeneration via Regulating Chondrocyte Phenotype and Proliferation. *Small*, **2017**, 13, 1602770	11	58
50	Preparation, characterization, and in vivo evaluation of a self-nanoemulsifying drug delivery system (SNEDDS) loaded with morin-phospholipid complex. *International Journal of Nanomedicine*, **2011**, 6, 3405-14	7.3	53
49	Enhanced biostability of nanoparticle-based drug delivery systems by albumin corona. *Nanomedicine*, **2015**, 10, 205-14	5.6	49

48	Electrospun fibers for dental and craniofacial applications. *Current Stem Cell Research and Therapy*, **2014**, 9, 187-95	3.6	44
47	Understanding the Biomedical Effects of the Self-Assembled Tetrahedral DNA Nanostructure on Living Cells. *ACS Applied Materials & Interfaces*, **2016**, 8, 12733-9	9.5	43
46	Effect of tetrahedral DNA nanostructures on osteogenic differentiation of mesenchymal stem cells via activation of the Wnt/Ecatenin signaling pathway. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2017**, 13, 1809-1819	6	38
45	Hepatitis B virus preS1-derived lipopeptide functionalized liposomes for targeting of hepatic cells. *Biomaterials*, **2014**, 35, 6130-41	15.6	37
44	Effects of Micro-environmental pH of Liposome on Chemical Stability of Loaded Drug. *Nanoscale Research Letters*, **2017**, 12, 504	5	36
43	Understanding the sheet size-antibacterial activity relationship of graphene oxide and the nano-bio interaction-based physical mechanisms. *Colloids and Surfaces B: Biointerfaces*, **2020**, 191, 111009	6	36
42	A high-efficiency, low-toxicity, phospholipids-based phase separation gel for long-term delivery of peptides. *Biomaterials*, **2015**, 45, 1-9	15.6	35
41	A novel submicron emulsion system loaded with vincristine-oleic acid ion-pair complex with improved anticancer effect: in vitro and in vivo studies. *International Journal of Nanomedicine*, **2013**, 8, 1185-96	7.3	35
40	Digestive Enzyme Corona Formed in the Gastrointestinal Tract and Its Impact on Epithelial Cell Uptake of Nanoparticles. *Biomacromolecules*, **2019**, 20, 1789-1797	6.9	34
39	Concentration-dependent protein adsorption at the nano-bio interfaces of polymeric nanoparticles and serum proteins. *Nanomedicine*, **2017**, 12, 2757-2769	5.6	31
38	Functionalized graphene oxide nanosheets with unique three-in-one properties for efficient and tunable antibacterial applications. *Nano Research*, **2021**, 14, 185-190	10	30
37	The UV absorption of graphene oxide is size-dependent: possible calibration pitfalls. *Mikrochimica Acta*, **2019**, 186, 207	5.8	29
36	Poly(3-hydroxybutyrate-co-4-hydroxybutyrate) Based Electrospun 3D Scaffolds for Delivery of Autogeneic Chondrocytes and Adipose-Derived Stem Cells: Evaluation of Cartilage Defects in Rabbit. *Journal of Biomedical Nanotechnology*, **2015**, 11, 105-16	4	29
35	Nanocomplex based on biocompatible phospholipids and albumin for long-circulation applications. *ACS Applied Materials & Interfaces*, **2014**, 6, 13730-7	9.5	28
34	Antibiofilm effect of drug-free and cationic poly(D,L-lactide-co-glycolide) nanoparticles via nano-bacteria interactions. *Nanomedicine*, **2018**, 13, 1093-1106	5.6	27
33	Enhanced oral bioavailability of salvianolic acid B by phospholipid complex loaded nanoparticles. *Die Pharmazie*, **2008**, 63, 661-6	1.5	27
32	Polydopamine-based nanomaterials and their potentials in advanced drug delivery and therapy. *Colloids and Surfaces B: Biointerfaces*, **2021**, 199, 111502	6	25
31	Potentials of nanotechnology in treatment of methicillin-resistant Staphylococcus aureus. *European Journal of Medicinal Chemistry*, **2021**, 213, 113056	6.8	23

30	The effects of interleukin-1β in modulating osteoclast-conditioned medium's influence on gelatinases in chondrocytes through mitogen-activated protein kinases. *International Journal of Oral Science*, **2015**, 7, 220-31	27.9	22
29	The role of miRNAs in the differentiation of adipose-derived stem cells. *Current Stem Cell Research and Therapy*, **2014**, 9, 268-79	3.6	22
28	Oral Nano-Delivery Systems for Colon Targeting Therapy. *Pharmaceutical Nanotechnology*, **2017**, 5, 83-94	4	20
27	The protein corona and its effects on nanoparticle-based drug delivery systems. *Acta Biomaterialia*, **2021**, 129, 57-72	10.8	20
26	Electrospun P34HB fibres: a scaffold for tissue engineering. *Cell Proliferation*, **2014**, 47, 465-75	7.9	19
25	Can nanoparticles and nano-protein interactions bring a bright future for insulin delivery?. *Acta Pharmaceutica Sinica B*, **2021**, 11, 651-667	15.5	18
24	The properties of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) and its applications in tissue engineering. *Current Stem Cell Research and Therapy*, **2014**, 9, 215-22	3.6	16
23	Potentials of combining nanomaterials and stem cell therapy in myocardial repair. *Nanomedicine*, **2018**, 13, 1623-1638	5.6	15
22	The establishment of the hemangioma model in nude mouse. *Journal of Pediatric Surgery*, **2005**, 40, 1167-72	2.62	15
21	Protein corona formed in the gastrointestinal tract and its impacts on oral delivery of nanoparticles. *Medicinal Research Reviews*, **2020**, 41, 1835	14.4	15
20	Drug-free and non-crosslinked chitosan scaffolds with efficient antibacterial activity against both Gram-negative and Gram-positive bacteria. *Carbohydrate Polymers*, **2020**, 241, 116386	10.3	14
19	The implantable and biodegradable PHBHHx 3D scaffolds loaded with protein-phospholipid complex for sustained delivery of proteins. *Pharmaceutical Research*, **2013**, 30, 1077-85	4.5	12
18	Sustained PDGF-BB release from PHBHHx loaded nanoparticles in 3D hydrogel/stem cell model. *Journal of Biomedical Materials Research - Part A*, **2015**, 103, 282-8	5.4	10
17	Functional Nanomaterials and Their Potential Applications in Antibacterial Therapy. *Pharmaceutical Nanotechnology*, **2019**, 7, 129-146	4	9
16	Inhibition of methicillin-resistant (MRSA) biofilm by cationic poly (D, L-lactide-co-glycolide) nanoparticles. *Biofouling*, **2020**, 36, 159-168	3.3	9
15	Miscellaneous animal models accelerate the application of mesenchymal stem cells for cartilage regeneration. *Current Stem Cell Research and Therapy*, **2014**, 9, 223-33	3.6	8
14	Bacterial outer membrane vesicles as potential biological nanomaterials for antibacterial therapy.. *Acta Biomaterialia*, **2021**, 140, 102-102	10.8	7
13	Potential replication of induced pluripotent stem cells for craniofacial reconstruction. *Current Stem Cell Research and Therapy*, **2014**, 9, 205-14	3.6	7

12	Injectable and biodegradable phospholipid-based phase separation gel for sustained delivery of insulin. *Colloids and Surfaces B: Biointerfaces*, **2019**, 176, 194-201	6	7
11	An experimental study on the therapy of infantile hemangioma with recombinant interferon *Journal of Pediatric Surgery*, **2011**, 46, 496-501	2.6	6
10	Regulation of Extracellular Matrix Remodeling Proteins by Osteoblasts in Titanium Nanoparticle-Induced Aseptic Loosening Model. *Journal of Biomedical Nanotechnology*, **2015**, 11, 1826-35	4	5
9	Graphene Oxide Nanosheets with Efficient Antibacterial Activity Against Methicillin-Resistant (MRSA). *Journal of Biomedical Nanotechnology*, **2021**, 17, 1627-1634	4	4
8	Size-dependent photothermal antibacterial activity of TiCT MXene nanosheets against methicillin-resistant Staphylococcus aureus.. *Journal of Colloid and Interface Science*, **2022**, 617, 533-541	9.3	4
7	DNA Nanostructures: Tetrahedral DNA Nanostructure: A Potential Promoter for Cartilage Tissue Regeneration via Regulating Chondrocyte Phenotype and Proliferation (Small 12/2017). *Small*, **2017**, 13,	11	2
6	Pharmacokinetics of CNT-based drug delivery systems. *Current Drug Metabolism*, **2013**, 14, 910-20	3.5	2
5	Enhanced Antibacterial Activity of Indocyanine Green-Loaded Graphene Oxide via Synergistic Contact Killing, Photothermal and Photodynamic Therapy.. *Journal of Biomedical Nanotechnology*, **2022**, 18, 185-192	4	2
4	Nanomaterials-based photosensitizers and delivery systems for photodynamic cancer therapy **2022** , 212725		2
3	Sodium bicarbonate, an inorganic salt and a potential active agent for cancer therapy. *Chinese Chemical Letters*, **2021**, 32, 3687-3687	8.1	1
2	Curcumin- and Cyclopamine-Loaded Liposomes to Enhance Therapeutic Efficacy Against Hepatic Fibrosis. *Drug Design, Development and Therapy*, **2020**, 14, 5667-5678	4.4	0
1	Bacteria and tumor: Understanding the roles of bacteria in tumor genesis and immunology. *Microbiological Research*, **2022**, 261, 127082	5.3	0