Yijie Shi

List of Publications by Year
in descending order

39 papers	1,804 citations	293460 24 h-index	355658 38 g-index
39 all docs	39 docs citations	39 times ranked	2498 citing authors

#	Article	IF	Citations
1	A multifunctional antibacterial and self-healing hydrogel laden with bone marrow mesenchymal stem cell-derived exosomes for accelerating diabetic wound healing. Materials Science and Engineering C, 2022, 133, 112613.	3.8	45
2	Brain-targeted heptapeptide-loaded exosomes attenuated ischemiaâ€“reperfusion injury by promoting the transfer of healthy mitochondria from astrocytes to neurons. Journal of Nanobiotechnology, 2022, 20, .	4.2	18
3	Plasma Exosomes as a Therapeutic Approach Prevent the Cognitive Decline by Inhibiting Tau Protein Hyperphosphorylation in Alzheimerâ€™s Disease Mice. Journal of Biomaterials and Tissue Engineering, 2021, 11, 221-228.	0.0	0
4	A novel brain targeted plasma exosomes enhance the neuroprotective efficacy of edaravone in ischemic stroke. IET Nanobiotechnology, 2021, 15, 107-116.	1.9	9
5	Surface-modified engineered exosomes attenuated cerebral ischemia/reperfusion injury by targeting the delivery of quercetin towards impaired neurons. Journal of Nanobiotechnology, 2021, 19, 141.	4.2	57
6	Ginkgolide B Alleviates Learning and Memory Impairment in Rats With Vascular Dementia by Reducing Neuroinflammation via Regulating NF-ÎºB Pathway. Frontiers in Pharmacology, 2021, 12, 676392.	1.6	12
7	Baicalin-loaded macrophage-derived exosomes ameliorate ischemic brain injury via the antioxidative pathway. Materials Science and Engineering C, 2021, 126, 112123.	3.8	29
8	Biomimetic silibinin-loaded macrophage-derived exosomes induce dual inhibition of AÎ² aggregation and astrocyte activation to alleviate cognitive impairment in a model of Alzheimer's disease. Materials Science and Engineering C, 2021, 129, 112365.	3.8	24
9	Plasma Exosomes Loaded pH-Responsive Carboxymethylcellulose Hydrogel Promotes Wound Repair by Activating the Vascular Endothelial Growth Factor Signaling Pathway in Type 1 Diabetic Mice. Journal of Biomedical Nanotechnology, 2021, 17, 2021-2033.	0.5	9
10	A thermoreversible antibacterial zeolite-based nanoparticles loaded hydrogel promotes diabetic wound healing via detrimental factor neutralization and ROS scavenging. Journal of Nanobiotechnology, 2021, 19, 414.	4.2	27
11	Fabrication of carboxymethylcellulose hydrogel containing Î²-cyclodextrinâ€“eugenol inclusion complexes for promoting diabetic wound healing. Journal of Biomaterials Applications, 2020, 34, 851-863.	1.2	14
12	Curcumin-laden exosomes target ischemic brain tissue and alleviate cerebral ischemia-reperfusion injury by inhibiting ROS-mediated mitochondrial apoptosis. Materials Science and Engineering C, 2020, 117, 111314.	3.8	80
13	Edaravone-Loaded Macrophage-Derived Exosomes Enhance Neuroprotection in the Rat Permanent Middle Cerebral Artery Occlusion Model of Stroke. Molecular Pharmaceutics, 2020, 17, 3192-3201.	2.3	36
14	Brain delivery of quercetin-loaded exosomes improved cognitive function in AD mice by inhibiting phosphorylated tau-mediated neurofibrillary tangles. Drug Delivery, 2020, 27, 745-755.	2.5	116
15	Plasma exosomes protect against cerebral ischemia/reperfusion injury via exosomal HSP70 mediated suppression of ROS. Life Sciences, 2020, 256, 117987.	2.0	29
16	Brain Microvascular Endothelial Cell Derived Exosomes Potently Ameliorate Cognitive Dysfunction by Enhancing the Clearance of AÎ² Through Up-Regulation of P-gp in Mouse Model of AD. Neurochemical Research, 2020, 45, 2161-2172.	1.6	21
17	Curcumin-loaded chitosan nanoparticles promote diabetic wound healing via attenuating inflammation in a diabetic rat model. Journal of Biomaterials Applications, 2019, 34, 476-486.	1.2	46
18	Macrophage-derived exosomes accelerate wound healing through their anti-inflammation effects in a diabetic rat model. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 3793-3803.	1.9	108

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19	Curcumin-primed exosomes potently ameliorate cognitive function in AD mice by inhibiting hyperphosphorylation of the Tau protein through the AKT/GSK-3î² pathway. Nanoscale, 2019, 11, 7481-7496.	2.8	202
20	Exosomes from LPS-stimulated macrophages induce neuroprotection and functional improvement after ischemic stroke by modulating microglial polarization. Biomaterials Science, 2019, 7, 2037-2049.	2.6	142
21	Chitosan nanoparticles induced the antitumor effect in hepatocellular carcinoma cells by regulating ROS-mediated mitochondrial damage and endoplasmic reticulum stress. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 747-756.	1.9	32
22	pH-responsive calcium alginate hydrogel laden with protamine nanoparticles and hyaluronan oligosaccharide promotes diabetic wound healing by enhancing angiogenesis and antibacterial activity. Drug Delivery and Translational Research, 2019, 9, 227-239.	3.0	64
23	Chitosan nanoparticles triggered the induction of ROS-mediated cytoprotective autophagy in cancer cells. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 293-301.	1.9	41
24	Chitosan nanoparticles loaded hydrogels promote skin wound healing through the modulation of reactive oxygen species. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 138-149.	1.9	38
25	Exosomes derived from siRNA against GRP78 modified bone-marrow-derived mesenchymal stem cells suppress Sorafenib resistance in hepatocellular carcinoma. Journal of Nanobiotechnology, 2018, 16, 103.	4.2	97
26	Hyaluronic acid-coated chitosan nanoparticles induce ROS-mediated tumor cell apoptosis and enhance antitumor efficiency by targeted drug delivery via CD44. Journal of Nanobiotechnology, 2017, 15, 7.	4.2	124
27	Triphenyl Phosphine-Functionalized Chitosan Nanoparticles Enhanced Antitumor Efficiency Through Targeted Delivery of Doxorubicin to Mitochondria. Nanoscale Research Letters, 2017, 12, 158.	3.1	43
28	Chitosan nanoparticle-mediated co-delivery of shAtg-5 and gefitinib synergistically promoted the efficacy of chemotherapeutics through the modulation of autophagy. Journal of Nanobiotechnology, 2017, 15, 28.	4.2	29
29	Nanoparticle Delivery of Artesunate Enhances the Anti-tumor Efficiency by Activating Mitochondria-Mediated Cell Apoptosis. Nanoscale Research Letters, 2017, 12, 403.	3.1	27
30	mAb MDR1-modified chitosan nanoparticles overcome acquired EGFR-TKI resistance through two potential therapeutic targets modulation of MDR1 and autophagy. Journal of Nanobiotechnology, 2017, 15, 66.	4.2	14
31	Preparation and characterization of novel chitosan-protamine nanoparticles for nucleus-targeted anticancer drug delivery. International Journal of Nanomedicine, 2016, Volume 11, 6035-6046.	3.3	20
32	Nanoparticles inhibit cancer cell invasion and enhance antitumor efficiency by targeted drug delivery via cell surface-related GRP78. International Journal of Nanomedicine, 2015, 10, 245.	3.3	27
33	Co-delivery of Gefitinib and chloroquine by chitosan nanoparticles for overcoming the drug acquired resistance. Journal of Nanobiotechnology, 2015, 13, 57.	4.2	57
34	Intracellular targeted co-delivery of shMDR1 and gefitinib with chitosan nanoparticles for overcoming multidrug resistance. International Journal of Nanomedicine, 2015, 10, 7045.	3.3	12
35	Protamine nanoparticles for improving shRNA-mediated anti-cancer effects. Nanoscale Research Letters, 2015, 10, 134.	3.1	10
36	Preparation of biocompatible heat-labile enterotoxin subunit B-bovine serum albumin nanoparticles for improving tumor-targeted drug delivery via heat-labile enterotoxin subunit B mediation. International Journal of Nanomedicine, 2014, 9, 2149.	3.3	14

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37	Gefitinib loaded folate decorated bovine serum albumin conjugated carboxymethyl-beta-cyclodextrin nanoparticles enhance drug delivery and attenuate autophagy in folate receptor-positive cancer cells. Journal of Nanobiotechnology, 2014, 12, 43.	4.2	64
38	Carboxymethyl-Î²-cyclodextrin conjugated nanoparticles facilitate therapy for folate receptor-positive tumor with the mediation of folic acid. International Journal of Pharmaceutics, 2014, 474, 202-211.	2.6	53
39	A potent preparation method combining neutralization with microfluidization for rebamipide nanosuspensions and its<i>in vivo</i>evaluation. Drug Development and Industrial Pharmacy, 2013, 39, 996-1004.	0.9	14