

Daquan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,255
citations

201674

27
h-index

254184

43
g-index

89
all docs

89
docs citations

89
times ranked

2954
citing authors

#	ARTICLE	IF	CITATIONS
1	Dextran sulfate-based MMP-2 enzyme-sensitive SR-A receptor targeting nanomicelles for the treatment of rheumatoid arthritis. <i>Drug Delivery</i> , 2022, 29, 454-465.	5.7	25
2	Improvement of pneumonia by curcumin-loaded bionanosystems based on platycodon grandiflorum polysaccharides via calming cytokine storm. <i>International Journal of Biological Macromolecules</i> , 2022, 202, 691-706.	7.5	20
3	Novel ROS-responsive marine biomaterial fucoidan nanocarriers with AIE effect and chemodynamic therapy. <i>International Journal of Biological Macromolecules</i> , 2022, 202, 112-121.	7.5	7
4	A triple enhanced permeable gold nanoraspberry designed for positive feedback interventional therapy. <i>Journal of Controlled Release</i> , 2022, 345, 120-137.	9.9	6
5	Novel polysaccharide building hybrid nanoparticles: remodelling TAMs to target ER α -positive breast cancer. <i>Journal of Drug Targeting</i> , 2022, 30, 450-462.	4.4	6
6	Hypoxia responsive nano-drug delivery system based on angelica polysaccharide for liver cancer therapy. <i>Drug Delivery</i> , 2022, 29, 138-148.	5.7	42
7	N-acetylneuraminic acid and chondroitin sulfate modified nanomicelles with ROS-sensitive H ₂ S donor via targeting E-selectin receptor and CD44 receptor for the efficient therapy of atherosclerosis. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 259-270.	7.5	14
8	Complex polymeric nanomicelles co-delivering doxorubicin and dimethoxycurcumin for cancer chemotherapy. <i>Drug Delivery</i> , 2022, 29, 1523-1535.	5.7	8
9	Construction of bionanoparticles based on Angelica polysaccharides for the treatment of stroke. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 44, 102570.	3.3	4
10	Novel multifunctional bionanoparticles modified with sialic acid for stroke treatment. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 278-289.	7.5	4
11	Novel Chinese Angelica Polysaccharide Biomimetic Nanomedicine to Curcumin Delivery for Hepatocellular Carcinoma Treatment and Immunomodulatory Effect. <i>Phytomedicine</i> , 2021, 80, 153356.	5.3	38
12	A DM1-doped porous gold nanoshell system for NIR accelerated redox-responsive release and triple modal imaging guided photothermal synergistic chemotherapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 77.	9.1	21
13	Nanocarrier-based Drug Delivery System for Cancer Therapeutics: A Review of the Last Decade. <i>Current Medicinal Chemistry</i> , 2021, 28, 3753-3772.	2.4	24
14	Anti-inflammatory effects of three withanolides isolated from <i>Physalis angulata</i> L. in LPS-activated RAW 264.7 cells through blocking NF- κ B signaling pathway. <i>Journal of Ethnopharmacology</i> , 2021, 276, 114186.	4.1	9
15	Emerging Antibacterial Strategies with Application of Targeting Drug Delivery System and Combined Treatment. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6141-6156.	6.7	10
16	Pharmacological Effects of Polyphenol Phytochemicals on the JAK-STAT Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 716672.	3.5	31
17	Dose escalation biodistribution, positron emission tomography/computed tomography imaging and dosimetry of a highly specific radionuclide-labeled non-blocking nanobody. <i>EJNMMI Research</i> , 2021, 11, 113.	2.5	6
18	In vitro anti-inflammatory activities of nucleoffeine H as a natural alkaloid from <i>Nauclea officinalis</i> Pierr ex Pitard, through inhibition of the iNOS pathway in LPS-activated RAW 264.7 macrophages. <i>Natural Product Research</i> , 2020, 34, 2694-2697.	1.8	11

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19	Co-delivery of <i>Poria cocos</i> extract and doxorubicin as an "all-in-one" nanocarrier to combat breast cancer multidrug resistance during chemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 23, 102095.	3.3	31
20	Novel dual ROS-sensitive and CD44 receptor targeting nanomicelles based on oligomeric hyaluronic acid for the efficient therapy of atherosclerosis. <i>Carbohydrate Polymers</i> , 2020, 232, 115787.	10.2	42
21	Curcumin, as a pleiotropic agent, improves doxorubicin-induced nephrotic syndrome in rats. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112502.	4.1	21
22	Nd ³⁺ -Sensitized Upconversion Metal-Organic Frameworks for Mitochondria-Targeted Amplified Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020, 132, 2656-2660.	2.0	10
23	Nd ³⁺ -Sensitized Upconversion Metal-Organic Frameworks for Mitochondria-Targeted Amplified Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2634-2638.	13.8	175
24	Optimization, characterization and evaluation of ZnO/polyvinylidene fluoride nanocomposites for orthopedic applications: improved antibacterial ability and promoted osteoblast growth. <i>Drug Delivery</i> , 2020, 27, 1378-1385.	5.7	16
25	Hydroxysafflor Yellow A: A Systematical Review on Botanical Resources, Physicochemical Properties, Drug Delivery System, Pharmacokinetics, and Pharmacological Effects. <i>Frontiers in Pharmacology</i> , 2020, 11, 579332.	3.5	38
26	Apolipoprotein A-I Mimetic Peptide L-4F Suppresses Granulocytic-Myeloid-Derived Suppressor Cells in Mouse Pancreatic Cancer. <i>Frontiers in Pharmacology</i> , 2020, 11, 576.	3.5	15
27	Nanocontainers for the encapsulation and delivery of antioxidants/nutrients to food. , 2020, , 119-136.		1
28	Preparation and characterization of dissolving hyaluronic acid composite microneedles loaded micelles for delivery of curcumin. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1520-1530.	5.8	45
29	In vitro/vivo evaluation of novel mitochondrial targeting charge-reversal polysaccharide-based antitumor nanoparticle. <i>Carbohydrate Polymers</i> , 2020, 234, 115930.	10.2	48
30	Broad-specific monoclonal antibody based IACs purification coupled UPLC-MS/MS method for T-2 and HT-2 toxin determination in maize and cherry samples. <i>Food and Agricultural Immunology</i> , 2020, 31, 291-302.	1.4	7
31	Preparation and Characterization of Nano-Laponite/PLGA Composite Scaffolds for Urethra Tissue Engineering. <i>Molecular Biotechnology</i> , 2020, 62, 192-199.	2.4	13
32	Highly loaded deoxypodophyllotoxin nano-formulation delivered by methoxy polyethylene glycol-block-poly (D,L-lactide) micelles for efficient cancer therapy. <i>Drug Delivery</i> , 2020, 27, 248-257.	5.7	10
33	Novel nano-pomegranates based on astragalus polysaccharides for targeting ER ⁺ -positive breast cancer and multidrug resistance. <i>Drug Delivery</i> , 2020, 27, 607-621.	5.7	25
34	Novel multifunctional triple folic acid, biotin and CD44 targeting pH-sensitive nano-actiniae for breast cancer combinational therapy. <i>Drug Delivery</i> , 2019, 26, 1002-1016.	5.7	35
35	<p>>Dual targeting curcumin loaded alendronate-hyaluronan- octadecanoic acid micelles for improving osteosarcoma therapy</p>>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6425-6437.	6.7	49
36	Protoporphyrin IX-loaded laminarin nanoparticles for anticancer treatment, their cellular behavior, ROS detection, and animal studies. <i>Nanoscale Research Letters</i> , 2019, 14, 316.	5.7	18

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37	Cupredoxin engineered upconversion nanoparticles for ratiometric luminescence sensing of Cu ²⁺ . <i>Nanoscale Advances</i> , 2019, 1, 2580-2585.	4.6	17
38	Real-time monitoring of pH-responsive drug release using a metal-phenolic network-functionalized upconversion nanoconstruct. <i>Nanoscale</i> , 2019, 11, 9201-9206.	5.6	46
39	The in vitro and in vivo anti-inflammatory effect of osthole, the major natural coumarin from <i>Cnidium monnieri</i> (L.) Cuss, via the blocking of the activation of the NF- κ B and MAPK/p38 pathways. <i>Phytomedicine</i> , 2019, 58, 152864.	5.3	82
40	Novel Mitochondrial Targeting Multifunctional Surface Charge-Reversal Polymeric Nanoparticles for Cancer Treatment. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 2151-2163.	1.1	24
41	<p>Improving The Oral Absorption Of Nintedanib By A Self-Microemulsion Drug Delivery System: Preparation And In Vitro/In Vivo Evaluation</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 8739-8751.	6.7	32
42	Novel mitochondrial targeting charge-reversal polysaccharide hybrid shell/core nanoparticles for prolonged systemic circulation and antitumor drug delivery. <i>Drug Delivery</i> , 2019, 26, 1125-1139.	5.7	14
43	Development of dual-targeted nano-dandelion based on an oligomeric hyaluronic acid polymer targeting tumor-associated macrophages for combination therapy of non-small cell lung cancer. <i>Drug Delivery</i> , 2019, 26, 1265-1279.	5.7	45
44	Eprinomectin nanoemulgel for transdermal delivery against endoparasites and ectoparasites: preparation, <i>in vitro</i> and <i>in vivo</i> evaluation. <i>Drug Delivery</i> , 2019, 26, 1104-1114.	5.7	30
45	Identification of $\hat{2}$ -carboline and canthinone alkaloids as anti-inflammatory agents but with different inhibitory profile on the expression of iNOS and COX-2 in lipopolysaccharide-activated RAW 264.7 macrophages. <i>Journal of Natural Medicines</i> , 2019, 73, 124-130.	2.3	20
46	Novel Reductive Responsive Chrysin-Oligomeric Hyaluronic Acid Nanomaterials to Curcumin Delivery for Cancer Therapy. <i>Science of Advanced Materials</i> , 2019, 11, 1376-1382.	0.7	2
47	Synthesis, Characterization, and Evaluation of Redox-Sensitive Chitosan Oligosaccharide Nanoparticles Coated with Phycocyanin for Drug Delivery. <i>Nanoscale Research Letters</i> , 2019, 14, 389.	5.7	9
48	Dual Targeting pH-Sensitive Co-Delivery Curcumin and $\hat{2}$ -Elemene Nanomedicine for Breast Cancer Therapy. <i>Science of Advanced Materials</i> , 2019, 11, 1362-1368.	0.7	2
49	Improving the topical ocular pharmacokinetics of lyophilized cyclosporine A-loaded micelles: formulation, <i>in vitro</i> and <i>in vivo</i> studies. <i>Drug Delivery</i> , 2018, 25, 888-899.	5.7	67
50	Imparting Designer Biorecognition Functionality to Metal-Organic Frameworks by a DNA-Mediated Surface Engineering Strategy. <i>Small</i> , 2018, 14, e1703812.	10.0	59
51	Synthesis, characterization and <i>in vitro/in vivo</i> evaluation of novel reduction-sensitive hybrid nano-echinus-like nanomedicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 659-667.	2.8	14
52	Multifunctional redox-responsive and CD44 receptor targeting polymer-drug nanomedicine based curcumin and alendronate: synthesis, characterization and <i>in vitro</i> evaluation. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 168-177.	2.8	24
53	Co-encapsulation of curcumin and resveratrol into novel nutraceutical hyalurosomes nano-food delivery system based on oligo-hyaluronic acid-curcumin polymer. <i>Carbohydrate Polymers</i> , 2018, 181, 1033-1037.	10.2	81
54	Enhanced <i>In Vitro</i> and <i>In Vivo</i> Anticancer Properties by Using a Nanocarrier for Co-Delivery of Antitumor Polypeptide and Curcumin. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 139-149.	1.1	12

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55	In Vivo Evaluation of Reduction-Responsive Alendronate-Hyaluronan-Curcumin Polymer-Drug Conjugates for Targeted Therapy of Bone Metastatic Breast Cancer. <i>Molecular Pharmaceutics</i> , 2018, 15, 2764-2769.	4.6	35
56	Synthesis, Characterization and In Vitro Evaluation of Dual pH/Redox Sensitive Marine Laminarin-Based Nanomedicine Carrier Biomaterial for Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 1568-1577.	1.1	21
57	Novel Dual Mitochondrial and CD44 Receptor Targeting Nanoparticles for Redox Stimuli-Triggered Release. <i>Nanoscale Research Letters</i> , 2018, 13, 32.	5.7	18
58	Dual pH/redox responsive and CD44 receptor targeting hybrid nano-chrysalis based on new oligosaccharides of hyaluronan conjugates. <i>Carbohydrate Polymers</i> , 2017, 157, 1272-1280.	10.2	33
59	Design and evaluation of dual CD44 receptor and folate receptor-targeting double-smart pH-response multifunctional nanocarrier. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	13
60	Redox-sensitive and hyaluronic acid functionalized liposomes for cytoplasmic drug delivery to osteosarcoma in animal models. <i>Journal of Controlled Release</i> , 2017, 261, 113-125.	9.9	170
61	In vivo evaluation of novel ketal-based oligosaccharides of hyaluronan micelles as multifunctional CD44 receptor-targeting and tumor pH-responsive carriers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-5.	2.8	5
62	Design of novel multifunctional targeting nano-carrier drug delivery system based on CD44 receptor and tumor microenvironment pH condition. <i>Drug Delivery</i> , 2016, 23, 798-803.	5.7	40
63	Curcumin and its major metabolites inhibit the inflammatory response induced by lipopolysaccharide: Translocation of nuclear factor- κ B as potential target. <i>Molecular Medicine Reports</i> , 2015, 11, 3087-3093.	2.4	57
64	Novel CD44 receptor targeting multifunctional α -chitosan-based on double pH-sensitive nanoparticles for co-delivery of curcumin and paclitaxel to cancer cells and cancer stem cells. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	17
65	In vitro and in vivo evaluation of PEG-conjugated ketal-based chitosan micelles as pH-sensitive carriers. <i>Polymer Chemistry</i> , 2015, 6, 998-1004.	3.9	20
66	Novel pH-Sensitive Biodegradable Polymeric Drug Delivery Systems Based on Ketal Polymers. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 983-989.	0.9	24
67	Dual pH-responsive and CD44 receptor targeted multifunctional nanoparticles for anticancer intracellular delivery. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	5
68	Acylation of Exenatide by Glycolic Acid and its Anti-Diabetic Activities in db/db Mice. <i>Pharmaceutical Research</i> , 2014, 31, 1958-1966.	3.5	12
69	Novel multicore niosomes based on double pH-sensitive mixed micelles for Ginsenoside Rh2 delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2014, 42, 205-209.	2.8	17
70	Dual thermoresponsive and pH-responsive self-assembled micellar nanogel for anticancer drug delivery. <i>Drug Delivery</i> , 2014, 21, 258-264.	5.7	40
71	Stability of exenatide in poly(d,l-lactide-co-glycolide) solutions: A simplified investigation on the peptide degradation by the polymer. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 502-510.	4.0	19
72	Novel chitosan derivative for temperature and ultrasound dual-sensitive liposomal microbubble gel. <i>Carbohydrate Polymers</i> , 2013, 94, 17-23.	10.2	13

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73	A Novel Ketal-Based Chitosan as Nano-Vehicles for Potential pH-Sensitive Nanomedicine Delivery. <i>Nanoscience and Nanotechnology Letters</i> , 2013, 5, 1007-1011.	0.4	6
74	OCULAR PHARMACOKINETICS AND BIOEQUIVALENCE STUDY OF AZITHROMYCIN IN RABBITS BY LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY (LC-MS/MS) METHOD. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 1931-1946.	1.0	0
75	pH and temperature dual-sensitive liposome gel based on novel cleavable mPEG-Hz-CHEMS polymeric vaginal delivery system. <i>International Journal of Nanomedicine</i> , 2012, 7, 2621.	6.7	50
76	Design, Synthesis and Antiproliferative Activities of Diaryl Thiourea Derivatives as Anticancer Agents. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2423-2430.	4.9	6
77	Effects of a novel pH-sensitive liposome with cleavable esterase-catalyzed and pH-responsive double smart mPEG lipid derivative on ABC phenomenon. <i>International Journal of Nanomedicine</i> , 2011, 6, 2053.	6.7	70
78	In vivo evaluation of novel chitosan graft polymeric micelles for delivery of paclitaxel. <i>Drug Delivery</i> , 2011, 18, 181-189.	5.7	33
79	In Vivo Evaluation of Novel pH-sensitive mPEG-Hz-Chol Conjugate in Liposomes: Pharmacokinetics, Tissue Distribution, Efficacy Assessment. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2010, 38, 136-142.	0.9	22
80	pH-Sensitive mPEG-Hz-Cholesterol Conjugates as a Liposome Delivery System. <i>Journal of Bioactive and Compatible Polymers</i> , 2010, 25, 527-542.	2.1	34