

Tongkai Chen

List of Publications by Year in descending order

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43
papers

1,825
citations

201674

27
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276875

41
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docs citations

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times ranked

1851
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic manganese-based theranostic nanoplatform for cancer multimodal imaging and twofold immunotherapy. <i>Bioactive Materials</i> , 2023, 19, 237-250.	15.6	33
2	Thermosensitive Hydrogel Incorporating Prussian Blue Nanoparticles Promotes Diabetic Wound Healing via ROS Scavenging and Mitochondrial Function Restoration. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14059-14071.	8.0	69
3	Anti-Parkinsonian Therapy: Strategies for Crossing the Blood-Brain Barrier and Nano-Biological Effects of Nanomaterials. <i>Nano-Micro Letters</i> , 2022, 14, 105.	27.0	18
4	Tailored Hydrogel Delivering Niobium Carbide Boosts ROS Scavenging and Antimicrobial Activities for Diabetic Wound Healing. <i>Small</i> , 2022, 18, .	10.0	75
5	Targeted graphene oxide for drug delivery as a therapeutic nanoplatform against Parkinson's disease. <i>Biomaterials Science</i> , 2021, 9, 1705-1715.	5.4	46
6	Nanoparticles improved resveratrol brain delivery and its therapeutic efficacy against intracerebral hemorrhage. <i>Nanoscale</i> , 2021, 13, 3827-3840.	5.6	40
7	Multifunctional Magnetic Nanoagents for Bioimaging and Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 1066-1076.	4.6	13
8	The mitochondrial biogenesis signaling pathway is a potential therapeutic target for myasthenia gravis via energy metabolism (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 702.	1.8	8
9	Synergistic Photothermal and Chemical Therapy by Smart Dual-Functional Graphdiyne Nanosheets for Treatment of Parkinson's Disease. <i>Advanced Therapeutics</i> , 2021, 4, 2100082.	3.2	13
10	Near-Infrared Radiation-Assisted Drug Delivery Nanoplatform to Realize Blood-Brain Barrier Crossing and Protection for Parkinsonian Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37746-37760.	8.0	28
11	Exosomes as Smart Nanoplatforms for Diagnosis and Therapy of Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 743189.	2.8	16
12	Traditional herbal medicine and nanomedicine: Converging disciplines to improve therapeutic efficacy and human health. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113964.	13.7	71
13	A Review of Light Sources and Enhanced Targeting for Photodynamic Therapy. <i>Current Medicinal Chemistry</i> , 2021, 28, 6437-6457.	2.4	7
14	Fascinating MXene nanomaterials: emerging opportunities in the biomedical field. <i>Biomaterials Science</i> , 2021, 9, 5437-5471.	5.4	58
15	Rational Design of Thermosensitive Hydrogel to Deliver Nanocrystals with Intranasal Administration for Brain Targeting in Parkinson's Disease. <i>Research</i> , 2021, 2021, 9812523.	5.7	12
16	Curcumin Nanoparticles Inhibiting Ferroptosis for the Enhanced Treatment of Intracerebral Hemorrhage. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 8049-8065.	6.7	41
17	Enhancement of oral bioavailability and anti-Parkinsonian efficacy of resveratrol through a nanocrystal formulation. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 518-528.	9.1	43
18	Intranasal delivery of paeoniflorin nanocrystals for brain targeting. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 326-335.	9.1	35

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19	Zebrafish: A Promising Model for Evaluating the Toxicity of Carbon Dot-Based Nanomaterials. ACS Applied Materials & Interfaces, 2020, 12, 49012-49020.	8.0	44
20	Quality standard of traditional Chinese medicines: comparison between European Pharmacopoeia and Chinese Pharmacopoeia and recent advances. Chinese Medicine, 2020, 15, 76.	4.0	51
21	Brain-targeted delivery shuttled by black phosphorus nanostructure to treat Parkinson's disease. Biomaterials, 2020, 260, 120339.	11.4	66
22	NIR-II-Activated Yolk-Shell Nanostructures as an Intelligent Platform for Parkinsonian Therapy. ACS Applied Bio Materials, 2020, 3, 6876-6887.	4.6	17
23	Cucurbituril-Oriented Nanoplatforms in Biomedical Applications. ACS Applied Bio Materials, 2020, 3, 8211-8240.	4.6	11
24	Highly stabilized nanocrystals delivering Ginkgolide B in protecting against the Parkinson's disease. International Journal of Pharmaceutics, 2020, 577, 119053.	5.2	36
25	Enhanced Tumor Targeting and Radiotherapy by Quercetin Loaded Biomimetic Nanoparticles. Frontiers in Chemistry, 2020, 8, 225.	3.6	38
26	Black phosphorus as a versatile nanoplatform: From unique properties to biomedical applications. Journal of Innovative Optical Health Sciences, 2020, 13, .	1.0	18
27	Injectable Hydrogel for NIR-II Photo-Thermal Tumor Therapy and Dihydroartemisinin-Mediated Chemodynamic Therapy. Frontiers in Chemistry, 2020, 8, 251.	3.6	24
28	Polymeric Nanoparticles-Based Brain Delivery with Improved Therapeutic Efficacy of Ginkgolide B in Parkinson's Disease. International Journal of Nanomedicine, 2020, Volume 15, 10453-10467.	6.7	54
29	Nanoparticles Mediating the Sustained Puerarin Release Facilitate Improved Brain Delivery to Treat Parkinson's Disease. ACS Applied Materials & Interfaces, 2019, 11, 45276-45289.	8.0	68
30	Application of Förster Resonance Energy Transfer (FRET) technique to elucidate intracellular and In Vivo biofate of nanomedicines. Advanced Drug Delivery Reviews, 2019, 143, 177-205.	13.7	118
31	A novel role of HuR in Epigallocatechin gallate (EGCG) induces tumour cells apoptosis. Journal of Cellular and Molecular Medicine, 2019, 23, 3767-3771.	3.6	7
32	Oral Delivery of Puerarin Nanocrystals To Improve Brain Accumulation and Anti-Parkinsonian Efficacy. Molecular Pharmaceutics, 2019, 16, 1444-1455.	4.6	47
33	Cell Membrane Coating Technology: A Promising Strategy for Biomedical Applications. Nano-Micro Letters, 2019, 11, 100.	27.0	180
34	A ratiometric fluorescent probe for sensitive determination of the important glycopeptide antibiotic vancomycin. Analytical and Bioanalytical Chemistry, 2019, 411, 8103-8111.	3.7	11
35	Schisantherin A Attenuates Neuroinflammation in Activated Microglia: Role of Nrf2 Activation Through ERK Phosphorylation. Cellular Physiology and Biochemistry, 2018, 47, 1769-1784.	1.6	35
36	BHDPC Is a Novel Neuroprotectant That Provides Anti-neuroinflammatory and Neuroprotective Effects by Inactivating NF- κ B and Activating PKA/CREB. Frontiers in Pharmacology, 2018, 9, 614.	3.5	19

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37	Small-Sized mPEG-PLGA Nanoparticles of Schisantherin A with Sustained Release for Enhanced Brain Uptake and Anti-Parkinsonian Activity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9516-9527.	8.0	71
38	Zebrafish as a visual and dynamic model to study the transport of nanosized drug delivery systems across the biological barriers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 227-235.	5.0	37
39	Zebrafish: A promising in vivo model for assessing the delivery of natural products, fluorescence dyes and drugs across the blood-brain barrier. <i>Pharmacological Research</i> , 2017, 125, 246-257.	7.1	54
40	Tablets of multi-unit pellet system for controlled drug delivery. <i>Journal of Controlled Release</i> , 2017, 262, 222-231.	9.9	56
41	Pluronic P85/F68 Micelles of Baicalein Could Interfere with Mitochondria to Overcome MRP2-Mediated Efflux and Offer Improved Anti-Parkinsonian Activity. <i>Molecular Pharmaceutics</i> , 2017, 14, 3331-3342.	4.6	38
42	Oral Delivery of a Nanocrystal Formulation of Schisantherin A with Improved Bioavailability and Brain Delivery for the Treatment of Parkinson's Disease. <i>Molecular Pharmaceutics</i> , 2016, 13, 3864-3875.	4.6	47
43	Formulation of 20(S)-protopanaxadiol nanocrystals to improve oral bioavailability and brain delivery. <i>International Journal of Pharmaceutics</i> , 2016, 497, 239-247.	5.2	52