

Xi-Fan Mei

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

2,249
citations

201674

27
h-index

265206

42
g-index

83
all docs

83
docs citations

83
times ranked

2344
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc Promotes Microglial Autophagy Through NLRP3 Inflammasome Inactivation via XIST/miR-374a-5p Axis in Spinal Cord Injury. <i>Neurochemical Research</i> , 2022, 47, 372-381.	3.3	7
2	Preparation of NIR-responsive, ROS-generating and antibacterial black phosphorus quantum dots for promoting the MRSA-infected wound healing in diabetic rats. <i>Acta Biomaterialia</i> , 2022, 137, 199-217.	8.3	58
3	Preparation of pro-angiogenic, antibacterial and EGCG-modified ZnO quantum dots for treating bacterial infected wound of diabetic rats. <i>Materials Science and Engineering C</i> , 2022, 133, 112638.	7.3	12
4	Electrospinning of antibacterial and anti-inflammatory Ag@hesperidin core-shell nanoparticles into nanofibers used for promoting infected wound healing. <i>International Journal of Energy Production and Management</i> , 2022, 9, rbac012.	3.7	28
5	Preparation of epigallocatechin gallate decorated Au-Ag nano-heterostructures as NIR-sensitive nano-enzymes for the treatment of osteoarthritis through mitochondrial repair and cartilage protection. <i>Acta Biomaterialia</i> , 2022, 144, 168-182.	8.3	29
6	Gold nanoclusters for optimizing the general efficacies of herbal medicines on nerve repair after spinal cord injury. <i>Materials and Design</i> , 2022, 215, 110465.	7.0	7
7	Folic acid-modified lysozyme protected gold nanoclusters as an effective anti-inflammatory drug for rapid relief of gout flares in hyperuricemic rats. <i>Materials and Design</i> , 2022, 217, 110642.	7.0	5
8	Prospects of NIR fluorescent nanosensors for green detection of SARS-CoV-2. <i>Sensors and Actuators B: Chemical</i> , 2022, 362, 131764.	7.8	11
9	Gold nanoclusters conjugated berberine reduce inflammation and alleviate neuronal apoptosis by mediating M2 polarization for spinal cord injury repair. <i>International Journal of Energy Production and Management</i> , 2022, 9, rbab072.	3.7	13
10	Cytokine Regulation and Fast Inflammation Resolution in Early Rheumatoid Arthritis by Cerium-Modified Gold Nanoclusters. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18053-18063.	8.0	12
11	Preparation of Photocatalytic and Antibacterial MOF Nanozyme Used for Infected Diabetic Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18194-18208.	8.0	61
12	Developing cerium modified gold nanoclusters for the treatment of advanced-stage rheumatoid arthritis. <i>Materials Today Bio</i> , 2022, 15, 100331.	5.5	5
13	Zinc provides neuroprotection by regulating NLRP3 inflammasome through autophagy and ubiquitination in a spinal contusion injury model. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 413-425.	3.9	29
14	Preparation of exosomes encapsulated nanohydrogel for accelerating wound healing of diabetic rats by promoting angiogenesis. <i>Materials Science and Engineering C</i> , 2021, 120, 111671.	7.3	66
15	Preparation of Ag Nanoclusters-Modified Non-Sintered Silica Ceramic-Like Nanosheet for Removing Dyes and Bacteria from Water. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 895-904.	6.7	3
16	Development of General Methods for Detection of Virus by Engineering Fluorescent Silver Nanoclusters. <i>ACS Sensors</i> , 2021, 6, 613-627.	7.8	42
17	Repair calvarial defect of osteoporotic rats by berberine functionalized porous calcium phosphate scaffold. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbab022.	3.7	13
18	Berberine-loaded M2 macrophage-derived exosomes for spinal cord injury therapy. <i>Acta Biomaterialia</i> , 2021, 126, 211-223.	8.3	88

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19	Zinc attenuates ferroptosis and promotes functional recovery in contusion spinal cord injury by activating Nrf2/GPX4 defense pathway. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1023-1040.	3.9	103
20	Preparation of ROS active and photothermal responsive hydroxyapatite nanoplateforms for anticancer therapy. <i>Materials Science and Engineering C</i> , 2021, 125, 112098.	7.3	30
21	Protective Effects of Zinc on Spinal Cord Injury. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 2433-2440.	2.3	9
22	Zinc Regulates Glucose Metabolism of the Spinal Cord and Neurons and Promotes Functional Recovery after Spinal Cord Injury through the AMPK Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-27.	4.0	18
23	TNF promotes M1 polarization through mitochondrial metabolism in injured spinal cord. <i>Free Radical Biology and Medicine</i> , 2021, 172, 622-632.	2.9	12
24	Therapy of spinal cord injury by zinc modified gold nanoclusters via immune-suppressing strategies. <i>Journal of Nanobiotechnology</i> , 2021, 19, 281.	9.1	12
25	Efficient <i>in vivo</i> wound healing using noble metal nanoclusters. <i>Nanoscale</i> , 2021, 13, 6531-6537.	5.6	12
26	An NIR-Triggered Au Nanocage Used for Photo-Thermo Therapy of Chronic Wound in Diabetic Rats Through Bacterial Membrane Destruction and Skin Cell Mitochondrial Protection. <i>Frontiers in Pharmacology</i> , 2021, 12, 779944.	3.5	13
27	Engineered extracellular vesicles derived from primary M2 macrophages with anti-inflammatory and neuroprotective properties for the treatment of spinal cord injury. <i>Journal of Nanobiotechnology</i> , 2021, 19, 373.	9.1	25
28	Tea polyphenol modified, photothermal responsive and ROS generative black phosphorus quantum dots as nanoplateforms for promoting MRSA infected wounds healing in diabetic rats. <i>Journal of Nanobiotechnology</i> , 2021, 19, 362.	9.1	45
29	Purification and separation of ultra-small metal nanoclusters. <i>Advances in Colloid and Interface Science</i> , 2020, 276, 102090.	14.7	28
30	Preparation of novel berberine nano-colloids for improving wound healing of diabetic rats by acting Sirt1/NF- κ B pathway. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 187, 110647.	5.0	61
31	Zinc promotes autophagy and inhibits apoptosis through AMPK/mTOR signaling pathway after spinal cord injury. <i>Neuroscience Letters</i> , 2020, 736, 135263.	2.1	22
32	Role of NLRP3 Inflammasomes in Neuroinflammation Diseases. <i>European Neurology</i> , 2020, 83, 576-580.	1.4	23
33	Liraglutide provides neuroprotection by regulating autophagy through the AMPK-FOXO3 signaling pathway in a spinal contusion injury rat model. <i>Neuroscience Letters</i> , 2020, 720, 134747.	2.1	6
34	Zinc promotes functional recovery after spinal cord injury by activating Nrf2/HO-1 defense pathway and inhibiting inflammation of NLRP3 in nerve cells. <i>Life Sciences</i> , 2020, 245, 117351.	4.3	59
35	Encapsulation of green tea polyphenol nanospheres in PVA/alginate hydrogel for promoting wound healing of diabetic rats by regulating PI3K/AKT pathway. <i>Materials Science and Engineering C</i> , 2020, 110, 110686.	7.3	77
36	Development of coinage metal nanoclusters as antimicrobials to combat bacterial infections. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9466-9480.	5.8	17

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37	Fabrication of antibacterial sponge cleaner using gold nanoclusters. IET Nanobiotechnology, 2020, 14, 412-416.	3.8	2
38	Silver Nanoclusters Encapsulated into Metal-Organic Frameworks for Rapid Removal of Heavy Metal Ions from Water. Molecules, 2019, 24, 2442.	3.8	17
39	Folate-modified hydroxyapatite nanorods induce apoptosis in MCF-7 cells through a mitochondrial-dependent pathway. New Journal of Chemistry, 2019, 43, 14728-14738.	2.8	9
40	Development of ratiometric sensing and white light-harvesting materials based on all-copper nanoclusters. Nanoscale Advances, 2019, 1, 1086-1095.	4.6	13
41	Preparation of tea polyphenol-modified copper nanoclusters to promote the proliferation of MC3T3-E1 in high glucose microenvironment. New Journal of Chemistry, 2019, 43, 4082-4091.	2.8	5
42	pH and folic acid dual responsive polysaccharide nanospheres used for nuclear targeted cancer chemotherapy. Colloids and Surfaces B: Biointerfaces, 2019, 178, 445-451.	5.0	16
43	Zinc Improves Functional Recovery by Regulating the Secretion of Granulocyte Colony Stimulating Factor From Microglia/Macrophages After Spinal Cord Injury. Frontiers in Molecular Neuroscience, 2019, 12, 18.	2.9	28
44	Toxicity of food sweetener-sodium cyclamate on osteoblasts cells. Biochemical and Biophysical Research Communications, 2019, 508, 507-511.	2.1	7
45	Blockade of receptor for advanced glycation end products promotes oligodendrocyte autophagy in spinal cord injury. Neuroscience Letters, 2019, 698, 198-203.	2.1	3
46	GSH and enzyme responsive nanospheres based on self-assembly of green tea polyphenols and BSA used for target cancer chemotherapy. Colloids and Surfaces B: Biointerfaces, 2019, 173, 654-661.	5.0	31
47	Preparation of anticancer micro-medicine based on quinoline and chitosan with pH responsive release performance. Colloids and Surfaces B: Biointerfaces, 2018, 165, 278-285.	5.0	19
48	Protein-mediated mineralization of edaravone into injectable, pH-sensitive microspheres used for potential minimally invasive treatment of osteomyelitis. New Journal of Chemistry, 2018, 42, 5447-5455.	2.8	11
49	Fast ion transport through ultrathin shells of metal sulfide hollow nanocolloids used for high-performance energy storage. Scientific Reports, 2018, 8, 30.	3.3	14
50	Prepare porous silica nanospheres for water sustainability: high efficient and recyclable adsorbent for cationic organic dyes. Colloid and Polymer Science, 2018, 296, 59-70.	2.1	9
51	Aggregation of silver nanoplates in the presence of L-cysteine and the application for separation. IET Nanobiotechnology, 2018, 12, 609-612.	3.8	3
52	Engineering the Self-Assembly Induced Emission of Copper Nanoclusters as 3D Nanomaterials with Mesoporous Sphere Structures by the Crosslinking of Ce ³⁺ . ACS Omega, 2018, 3, 14755-14765.	3.5	37
53	Receptor for Advanced Glycation End-Products (RAGE) Blockade Do Damage to Neuronal Survival via Disrupting Wnt/ β -Catenin Signaling in Spinal Cord Injury. Neurochemical Research, 2018, 43, 1405-1412.	3.3	10
54	Encapsulation of green tea polyphenol by pH responsive, antibacterial, alginate microgels used for minimally invasive treatment of bone infection. Colloids and Surfaces B: Biointerfaces, 2018, 170, 648-655.	5.0	31

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55	A theranostic nanoplatfom: magneto-gold@fluorescence polymer nanoparticles for tumor targeting & MRI/CT/NIR fluorescence imaging and induction of genuine autophagy mediated chemotherapy. <i>Nanoscale</i> , 2018, 10, 10467-10478.	5.6	49
56	Construction of injectable, pH sensitive, antibacterial, mineralized amino acid yolk-shell microspheres for potential minimally invasive treatment of bone infection. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3493-3506.	6.7	10
57	Promoting proliferation and differentiation of BMSCs by green tea polyphenols functionalized porous calcium phosphate. <i>International Journal of Energy Production and Management</i> , 2018, 5, 35-41.	3.7	17
58	Resveratrol protects against spinal cord injury by activating autophagy and inhibiting apoptosis mediated by the SIRT1/AMPK signaling pathway. <i>Neuroscience</i> , 2017, 348, 241-251.	2.3	161
59	Genistein inhibited ammonia induced astrocyte swelling by inhibiting NF- κ B activation-mediated nitric oxide formation. <i>Metabolic Brain Disease</i> , 2017, 32, 841-848.	2.9	9
60	Netrin-1 Improves Functional Recovery through Autophagy Regulation by Activating the AMPK/mTOR Signaling Pathway in Rats with Spinal Cord Injury. <i>Scientific Reports</i> , 2017, 7, 42288.	3.3	40
61	Enhancement of fluorescence brightness and stability of copper nanoclusters using Zn ²⁺ for ratio-metric sensing of S ²⁻ . <i>Materials Science and Engineering C</i> , 2017, 78, 653-657.	7.3	18
62	Ultrasensitive multiplexed immunoassay of autophagic biomarkers based on Au/rGO and Au nanocages amplifying electrochemical signal. <i>Scientific Reports</i> , 2017, 7, 2442.	3.3	8
63	Klotho ameliorates cyclosporine A-induced nephropathy via PDLIM2/NF- κ B p65 signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 451-457.	2.1	30
64	HMGB1/Advanced Glycation End Products (RAGE) does not aggravate inflammation but promote endogenous neural stem cells differentiation in spinal cord injury. <i>Scientific Reports</i> , 2017, 7, 10332.	3.3	19
65	Preparation of core-shell structured CaCO ₃ microspheres as rapid and recyclable adsorbent for anionic dyes. <i>Royal Society Open Science</i> , 2017, 4, 170697.	2.4	22
66	Fluorescence enhancement for noble metal nanoclusters. <i>Advances in Colloid and Interface Science</i> , 2017, 250, 25-39.	14.7	100
67	The Role of Netrin-1 in Improving Functional Recovery through Autophagy Stimulation Following Spinal Cord Injury in Rats. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 350.	3.7	28
68	One-pot development of water soluble copper nanoclusters with red emission and aggregation induced fluorescence enhancement. <i>RSC Advances</i> , 2016, 6, 34090-34095.	3.6	36
69	Simvastatin inhibits neural cell apoptosis and promotes locomotor recovery via activation of Wnt/ β -catenin signaling pathway after spinal cord injury. <i>Journal of Neurochemistry</i> , 2016, 138, 139-149.	3.9	83
70	Preparation of Nickel Cobalt Sulfide Hollow Nanocolloids with Enhanced Electrochemical Property for Supercapacitors Application. <i>Scientific Reports</i> , 2016, 6, 25151.	3.3	47
71	Metformin preconditioning provide neuroprotection through enhancement of autophagy and suppression of inflammation and apoptosis after spinal cord injury. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 534-540.	2.1	95
72	Ultrafast synthesis of silver nanoplates in ethanol at room temperature. <i>New Journal of Chemistry</i> , 2016, 40, 7265-7268.	2.8	5

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73	Probucol inhibits neural cell apoptosis via inhibition of mTOR signaling pathway after spinal cord injury. <i>Neuroscience</i> , 2016, 329, 193-200.	2.3	35
74	VEGF inhibits the inflammation in spinal cord injury through activation of autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 453-458.	2.1	66
75	Supplement zinc as an effective treatment for spinal cord ischemia/reperfusion injury in rats. <i>Brain Research</i> , 2014, 1545, 45-53.	2.2	22
76	Systematic reviews on reports of hip fractures in Web of Science: a bibliometric analysis of publication activity. <i>Chinese Medical Journal</i> , 2014, 127, 2518-22.	2.3	4
77	Regulation of Zinc Transporter 1 Expression in Dorsal Horn of Spinal Cord After Acute Spinal Cord Injury of Rats by Dietary Zinc. <i>Biological Trace Element Research</i> , 2012, 149, 219-226.	3.5	15