

Jie Huang

List of Publications by Year in Descending Order

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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.

58
papers

2,305
citations

20
h-index

48
g-index

63
ext. papers

2,717
ext. citations

7.2
avg, IF

4.91
L-index

#	Paper	IF	Citations
58	Neural stem cell-laden 3D bioprinting of polyphenol-doped electroconductive hydrogel scaffolds for enhanced neuronal differentiation.. <i>Materials Science and Engineering C</i> , 2022 , 112639	8.3	2
57	CT/bioluminescence dual-modal imaging tracking of stem cells labeled with au@PEI@PEG nanotracers and RfLuc in nintedanib-assisted pulmonary fibrosis therapy.. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022 , 41, 102517	6	1
56	ZC3H4 promotes pulmonary fibrosis via an ER stress-related positive feedback loop.. <i>Toxicology and Applied Pharmacology</i> , 2022 , 435, 115856	4.6	1
55	A missing piece of the puzzle in pulmonary fibrosis: anoikis resistance promotes fibroblast activation.. <i>Cell and Bioscience</i> , 2022 , 12, 21	9.8	0
54	The Combined Effects of circRNA Methylation Promote Pulmonary Fibrosis.. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022 ,	5.7	1
53	Clinical characteristics and image features of pulmonary cryptococcosis: a retrospective analysis of 50 cases in a Chinese hospital.. <i>BMC Pulmonary Medicine</i> , 2022 , 22, 137	3.5	
52	Recent Development of Conductive Hydrogels for Tissue Engineering: Review and Perspective.. <i>Macromolecular Bioscience</i> , 2022 , e2200051	5.5	1
51	AuPt nanozyme-based multifunctional hydrogel dressing for diabetic wound healing 2022 , 212869		2
50	The Emerging Roles of Long Noncoding RNAs as Hallmarks of Lung Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 761582	5.3	0
49	Highly resilient, biocompatible, and antibacterial carbon nanotube/hydroxybutyl chitosan sponge dressing for rapid and effective hemostasis. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 9754-9763	7.3	2
48	Bi-functional gold nanocages enhance specific immunological responses of foot-and-mouth disease virus-like particles vaccine as a carrier and adjuvant. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 33, 102358	6	2
47	Role of circular RNAs in visceral organ fibrosis. <i>Food and Chemical Toxicology</i> , 2021 , 150, 112074	4.7	1
46	3D bioprinted neural tissue constructs for spinal cord injury repair. <i>Biomaterials</i> , 2021 , 272, 120771	15.6	28
45	pH-Triggered Aggregation of Gold Nanoparticles for Enhanced Labeling and Long-Term CT Imaging Tracking of Stem Cells in Pulmonary Fibrosis Treatment. <i>Small</i> , 2021 , 17, e2101861	11	4
44	Enhanced and long-term CT imaging tracking of transplanted stem cells labeled with temperature-responsive gold nanoparticles. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 2854-2865	7.3	2
43	Functionalized graphene oxide as a nanocarrier for multiple suppressive miRNAs to inhibit human intrahepatic cholangiocarcinoma. <i>Nano Select</i> , 2021 , 2, 1372-1384	3.1	1
42	Improved oral delivery of insulin by PLGA nanoparticles coated with 5-cholanic acid conjugated glycol chitosan. <i>Biomedical Materials (Bristol)</i> , 2021 , 16,	3.5	1

41	Hyaluronic Acid-Modified Au-Ag Alloy Nanoparticles for Radiation/Nanozyme/Ag Multimodal Synergistically Enhanced Cancer Therapy. <i>Bioconjugate Chemistry</i> , 2020 , 31, 1756-1765	6.3	20
40	HBC-nanofiber hydrogel scaffolds with 3D printed internal microchannels for enhanced cartilage differentiation. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 6115-6127	7.3	19
39	CT/MR Dual-Modality Imaging Tracking of Mesenchymal Stem Cells Labeled with a Au/GdNC@SiO Nanotracer in Pulmonary Fibrosis.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2489-2498	4.1	3
38	CT/NIRF dual-modal imaging tracking and therapeutic efficacy of transplanted mesenchymal stem cells labeled with Au nanoparticles in silica-induced pulmonary fibrosis. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1713-1727	7.3	16
37	Near-infrared-persistent luminescence/bioluminescence imaging tracking of transplanted mesenchymal stem cells in pulmonary fibrosis. <i>Biomaterials Science</i> , 2020 , 8, 3095-3105	7.4	7
36	Influence of growth conditions on the quality of strained InAlGaAs/AlGaAs quantum wells grown by MOCVD. <i>Applied Physics A: Materials Science and Processing</i> , 2019 , 125, 1	2.6	
35	The emerging roles of a novel CCCH-type zinc finger protein, ZC3H4, in silica-induced epithelial to mesenchymal transition. <i>Toxicology Letters</i> , 2019 , 307, 26-40	4.4	19
34	CT/Bioluminescence Dual-Modal Imaging Tracking of Mesenchymal Stem Cells in Pulmonary Fibrosis. <i>Small</i> , 2019 , 15, e1904314	11	14
33	CircHECTD1 mediates pulmonary fibroblast activation HECTD1. <i>Therapeutic Advances in Chronic Disease</i> , 2019 , 10, 2040622319891558	4.9	14
32	Long-term in vivo CT tracking of mesenchymal stem cells labeled with Au@BSA@PLL nanotracers. <i>Nanoscale</i> , 2019 , 11, 20932-20941	7.7	18
31	Multifunctional nanotheranostic gold nanocages for photoacoustic imaging guided radio/photodynamic/photothermal synergistic therapy. <i>Acta Biomaterialia</i> , 2019 , 84, 328-338	10.8	44
30	Sn-doped hematite modified by CaMnO nanowire with high donor density and enhanced conductivity for photocatalytic water oxidation. <i>Journal of Colloid and Interface Science</i> , 2019 , 535, 408-414	9.3	10
29	Mesoporous tungsten oxide modified by nanolayered manganese-calcium oxide as robust photoanode for solar water splitting. <i>Journal of Colloid and Interface Science</i> , 2018 , 516, 145-152	9.3	10
28	A SERS-based multiple immuno-nanoprobe for ultrasensitive detection of neomycin and quinolone antibiotics via a lateral flow assay. <i>Mikrochimica Acta</i> , 2018 , 185, 84	5.8	45
27	Ultrasmall graphene oxide based T MRI contrast agent for in vitro and in vivo labeling of human mesenchymal stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 2475-2483	6	21
26	Silica-induced initiation of circular ZC3H4 RNA/ZC3H4 pathway promotes the pulmonary macrophage activation. <i>FASEB Journal</i> , 2018 , 32, 3264-3277	0.9	49
25	Predialysis fluid overload linked with quality of sleep in patients undergoing hemodialysis. <i>Sleep Medicine</i> , 2018 , 51, 140-147	4.6	4
24	A high performance p-type nickel oxide/cuprous oxide nanocomposite with heterojunction as the photocathodic catalyst for water splitting to produce hydrogen. <i>Chemical Physics Letters</i> , 2018 , 703, 56-62	2.5	7

23	Utilization of a lateral flow colloidal gold immunoassay strip based on surface-enhanced Raman spectroscopy for ultrasensitive detection of antibiotics in milk. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 197, 107-113	4.4	30
22	TiO ₂ Photonic Crystal Sensitized with Mn ₃ O ₄ Nanoparticles and Porphine Manganese(III) as Efficient Photoanode for Photoelectrochemical Water Splitting. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 260-266	3.8	8
21	Feasibility of Diagnosing a Submucosal Nasopharyngeal Carcinoma by Endonasopharyngeal Ultrasound-Guided Transnasopharyngeal Needle Aspiration. <i>Chinese Medical Journal</i> , 2018 , 131, 1506-1508	3.9	2
20	Golden-star nanoparticles as adjuvant effectively promotes immune response to foot-and-mouth disease virus-like particles vaccine. <i>Vaccine</i> , 2018 , 36, 6752-6760	4.1	18
19	Long Blood Residence and Large Tumor Uptake of Ruthenium Sulfide Nanoclusters for Highly Efficient Cancer Photothermal Therapy. <i>Scientific Reports</i> , 2017 , 7, 41571	4.9	16
18	A combination of Yiqiqubai granule and 308-nm excimer laser in treatment of segmental vitiligo: a prospective study of 233 patients. <i>Journal of Dermatological Treatment</i> , 2017 , 28, 668-671	2.8	7
17	Noble-metal-free hetero-structural CdS/Nb ₂ O ₅ /N-doped-graphene ternary photocatalytic system as visible-light-driven photocatalyst for hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2017 , 201, 202-210	21.8	127
16	BMSCs-laden gelatin/sodium alginate/carboxymethyl chitosan hydrogel for 3D bioprinting. <i>RSC Advances</i> , 2016 , 6, 108423-108430	3.7	69
15	Cancer-Targeted Nanotheranostics: Recent Advances and Perspectives. <i>Small</i> , 2016 , 12, 4936-4954	11	127
14	Human amniotic fluid stem cells labeled with up-conversion nanoparticles for imaging-monitored repairing of acute lung injury. <i>Biomaterials</i> , 2016 , 100, 91-100	15.6	26
13	Enhanced proliferation and osteogenic differentiation of mesenchymal stem cells on graphene oxide-incorporated electrospun poly(lactic-co-glycolic acid) nanofibrous mats. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 6331-9	9.5	246
12	Rational Design and Synthesis of Fe ₂ O ₃ @Au Magnetic Gold Nanoflowers for Efficient Cancer Theranostics. <i>Advanced Materials</i> , 2015 , 27, 5049-56	24	117
11	pH-Responsive Cyanine-Grafted Graphene Oxide for Fluorescence Resonance Energy Transfer-Enhanced Photothermal Therapy. <i>Advanced Functional Materials</i> , 2015 , 25, 59-67	15.6	107
10	Photothermal Therapy: pH-Responsive Cyanine-Grafted Graphene Oxide for Fluorescence Resonance Energy Transfer-Enhanced Photothermal Therapy (Adv. Funct. Mater. 1/2015). <i>Advanced Functional Materials</i> , 2015 , 25, 58-58	15.6	4
9	Interleukin-6-induced epithelial-mesenchymal transition through signal transducer and activator of transcription 3 in human cervical carcinoma. <i>International Journal of Oncology</i> , 2014 , 45, 165-76	4.4	73
8	Tracking the intracellular drug release from graphene oxide using surface-enhanced Raman spectroscopy. <i>Nanoscale</i> , 2013 , 5, 10591-8	7.7	50
7	Ultraviolet-assisted preparation of mesoporous WO ₃ /reduced graphene oxide composites: superior interfacial contacts and enhanced photocatalysis. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 15110	11	81
6	Synthesis, protein delivery, and in vitro and in vivo toxicity of a biodegradable poly(aminoester). <i>Toxicology Research</i> , 2013 , 2, 379	2.6	4

5	Sources of multidrug-resistant <i>Acinetobacter baumannii</i> and its role in respiratory tract colonization and nosocomial pneumonia in intensive care unit patients. <i>Chinese Medical Journal</i> , 2013 , 126, 1826-31	2.9	2
4	Mechanism of cellular uptake of graphene oxide studied by surface-enhanced Raman spectroscopy. <i>Small</i> , 2012 , 8, 2577-84	11	180
3	Polyethylenimine-functionalized graphene oxide as an efficient gene delivery vector. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7736		258
2	Nanocomposites of size-controlled gold nanoparticles and graphene oxide: formation and applications in SERS and catalysis. <i>Nanoscale</i> , 2010 , 2, 2733-8	7.7	382
1	In vivo CT imaging tracking of stem cells labeled with Au nanoparticles. <i>View</i> , 20200119	7.8	2