

Jie Huang

List of Publications by Year in descending order

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61
papers

3,132
citations

257101

24
h-index

155451

55
g-index

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all docs

63
docs citations

63
times ranked

5922
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocomposites of size-controlled gold nanoparticles and graphene oxide: Formation and applications in SERS and catalysis. <i>Nanoscale</i> , 2010, 2, 2733.	2.8	409
2	Polyethylenimine-functionalized graphene oxide as an efficient gene delivery vector. <i>Journal of Materials Chemistry</i> , 2011, 21, 7736.	6.7	295
3	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, 6331-6339.	4.0	285
4	Mechanism of Cellular Uptake of Graphene Oxide Studied by Surface-Enhanced Raman Spectroscopy. <i>Small</i> , 2012, 8, 2577-2584.	5.2	208
5	Cancer-Targeted Nanotheranostics: Recent Advances and Perspectives. <i>Small</i> , 2016, 12, 4936-4954.	5.2	158
6	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.	10.8	153
7	Rational Design and Synthesis of Fe ₂ O ₃ @Au Magnetic Gold Nanoflowers for Efficient Cancer Theranostics. <i>Advanced Materials</i> , 2015, 27, 5049-5056.	11.1	135
8	pH-Responsive Cyanine-Crafted Graphene Oxide for Fluorescence Resonance Energy Transfer-Enhanced Photothermal Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 59-67.	7.8	122
9	3D bioprinted neural tissue constructs for spinal cord injury repair. <i>Biomaterials</i> , 2021, 272, 120771.	5.7	121
10	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, 165-176.	1.4	92
11	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.	5.2	87
12	BMSCs-laden gelatin/sodium alginate/carboxymethyl chitosan hydrogel for 3D bioprinting. <i>RSC Advances</i> , 2016, 6, 108423-108430.	1.7	84
13	Silica-induced initiation of circular RNA/ZC3H4 pathway promotes the pulmonary macrophage activation. <i>FASEB Journal</i> , 2018, 32, 3264-3277.	0.2	83
14	Multifunctional nanotheranostic gold nanocages for photoacoustic imaging guided radio/photodynamic/photothermal synergistic therapy. <i>Acta Biomaterialia</i> , 2019, 84, 328-338.	4.1	73
15	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.	2.5	63
16	Tracking the intracellular drug release from graphene oxide using surface-enhanced Raman spectroscopy. <i>Nanoscale</i> , 2013, 5, 10591.	2.8	55
17	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.	2.0	49
18	Hyaluronic Acid-Modified Au-Ag Alloy Nanoparticles for Radiation/Nanozyme/Ag ⁺ Multimodal Synergistically Enhanced Cancer Therapy. <i>Bioconjugate Chemistry</i> , 2020, 31, 1756-1765.	1.8	43

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19	HBC-nanofiber hydrogel scaffolds with 3D printed internal microchannels for enhanced cartilage differentiation. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6115-6127.	2.9	41
20	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.	5.7	36
21	Long-term <i>in vivo</i> CT tracking of mesenchymal stem cells labeled with Au@BSA@PLL nanotracers. <i>Nanoscale</i> , 2019, 11, 20932-20941.	2.8	33
22	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.	0.4	32
23	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.	1.7	28
24	Ultrasmall graphene oxide based T1 MRI contrast agent for <i>in vitro</i> and <i>in vivo</i> labeling of human mesenchymal stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2475-2483.	1.7	27
25	CT/Bioluminescence Dual-Modal Imaging Tracking of Mesenchymal Stem Cells in Pulmonary Fibrosis. <i>Small</i> , 2019, 15, e1904314.	5.2	27
26	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.	2.9	27
27	CircHECTD1 mediates pulmonary fibroblast activation <i>via</i> HECTD1. <i>Therapeutic Advances in Chronic Disease</i> , 2019, 10, 204062231989155.	1.1	25
28	Au@Pt nanozyme-based multifunctional hydrogel dressing for diabetic wound healing. , 2022, 137, 212869.		25
29	Neural stem cell-laden 3D bioprinting of polyphenol-doped electroconductive hydrogel scaffolds for enhanced neuronal differentiation. <i>Materials Science and Engineering C</i> , 2022, 133, 112639.	3.8	24
30	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.	5.2	23
31	Long Blood Residence and Large Tumor Uptake of Ruthenium Sulfide Nanoclusters for Highly Efficient Cancer Photothermal Therapy. <i>Scientific Reports</i> , 2017, 7, 41571.	1.6	20
32	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.	2.9	18
33	Recent Development of Conductive Hydrogels for Tissue Engineering: Review and Perspective. <i>Macromolecular Bioscience</i> , 2022, 22, e2200051.	2.1	18
34	Sn-doped hematite modified by CaMn2O4 nanowire with high donor density and enhanced conductivity for photocatalytic water oxidation. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 408-414.	5.0	17
35	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.	2.9	16
36	<i>in vivo</i> CT imaging tracking of stem cells labeled with Au nanoparticles. <i>View</i> , 2022, 3, 20200119.	2.7	16

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37	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.	1.2	13
38	The Combined Effects of Circular RNA Methylation Promote Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 510-523.	1.4	13
39	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.	5.0	12
40	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.	1.1	11
41	Near-infrared-persistent luminescence/bioluminescence imaging tracking of transplanted mesenchymal stem cells in pulmonary fibrosis. <i>Biomaterials Science</i> , 2020, 8, 3095-3105.	2.6	11
42	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.	1.5	10
43	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.	1.7	10
44	Improved oral delivery of insulin by PLGA nanoparticles coated with 5 β -cholic acid conjugated glycol chitosan. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 064103.	1.7	10
45	Role of circular RNAs in visceral organ fibrosis. <i>Food and Chemical Toxicology</i> , 2021, 150, 112074.	1.8	9
46	The Emerging Roles of Long Noncoding RNAs as Hallmarks of Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 761582.	1.3	9
47	A missing piece of the puzzle in pulmonary fibrosis: anoikis resistance promotes fibroblast activation. <i>Cell and Bioscience</i> , 2022, 12, 21.	2.1	8
48	Predialysis fluid overload linked with quality of sleep in patients undergoing hemodialysis. <i>Sleep Medicine</i> , 2018, 51, 140-147.	0.8	7
49	Photothermal Therapy: pH-Responsive Cyanine-6 Grafted Graphene Oxide for Fluorescence Resonance Energy Transfer-Enhanced Photothermal Therapy (<i>Adv. Funct. Mater.</i> 1/2015). <i>Advanced Functional Materials</i> , 2015, 25, 58-58.	7.8	6
50	Development and Characterization of Complementary Polymer Network Bioinks for 3D Bioprinting of Soft Tissue Constructs. <i>Macromolecular Bioscience</i> , 2022, 22, .	2.1	6
51	Synthesis, protein delivery, and in vitro and in vivo toxicity of a biodegradable poly(aminoester). <i>Toxicology Research</i> , 2013, 2, 379.	0.9	5
52	CT/MR Dual-Modality Imaging Tracking of Mesenchymal Stem Cells Labeled with a Au/GdNC@SiO ₂ Nanotracer in Pulmonary Fibrosis. <i>ACS Applied Bio Materials</i> , 2020, 3, 2489-2498.	2.3	5
53	ZC3H4 promotes pulmonary fibrosis via an ER stress-related positive feedback loop. <i>Toxicology and Applied Pharmacology</i> , 2022, 435, 115856.	1.3	4
54	<i>In vivo</i> MRI tracking and therapeutic efficacy of transplanted mesenchymal stem cells labeled with ferrimagnetic vortex iron oxide nanorings for liver fibrosis repair. <i>Nanoscale</i> , 2022, 14, 5227-5238.	2.8	4

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55	Feasibility of Diagnosing a Submucosal Nasopharyngeal Carcinoma by Endonasopharyngeal Ultrasound-Guided Transnasopharyngeal Needle Aspiration. Chinese Medical Journal, 2018, 131, 1506-1508.	0.9	3
56	Functionalized graphene oxide as a nanocarrier for multiple suppressive miRNAs to inhibit human intrahepatic cholangiocarcinoma. Nano Select, 2021, 2, 1372-1384.	1.9	2
57	DNA-coated gold nanoparticles for tracking of hepatocyte growth factor secreted by transplanted mesenchymal stem cells in pulmonary fibrosis therapy. Biomaterials Science, 2021, , .	2.6	2
58	Sources of multidrug-resistant Acinetobacter baumannii and its role in respiratory tract colonization and nosocomial pneumonia in intensive care unit patients. Chinese Medical Journal, 2013, 126, 1826-31.	0.9	2
59	Influence of growth conditions on the quality of strained InAlGaAs/AlGaAs quantum wells grown by MOCVD. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	1
60	CT/bioluminescence dual-modal imaging tracking of stem cells labeled with Au@PEI@PEG nanotracers and RfLuc in nintedanib-assisted pulmonary fibrosis therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 41, 102517.	1.7	1
61	Clinical characteristics and image features of pulmonary cryptococcosis: a retrospective analysis of 50 cases in a Chinese hospital. BMC Pulmonary Medicine, 2022, 22, 137.	0.8	0