

Yue Pan

List of Publications by Citations

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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.

108
papers

3,716
citations

34
h-index

58
g-index

116
ext. papers

4,382
ext. citations

8
avg, IF

5.44
L-index

#	Paper	IF	Citations
108	Multifunctional yolk-shell nanoparticles: a potential MRI contrast and anticancer agent. <i>Journal of the American Chemical Society</i> , 2008 , 130, 11828-33	16.4	336
107	Magnetic nanoparticles for the manipulation of proteins and cells. <i>Chemical Society Reviews</i> , 2012 , 41, 2912-42	58.5	302
106	Fluorescent magnetic nanocrystals by sequential addition of reagents in a one-pot reaction: a simple preparation for multifunctional nanostructures. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11928-35	16.4	155
105	Synthesis of Pt Hollow Nanodendrites with Enhanced Peroxidase-Like Activity against Bacterial Infections: Implication for Wound Healing. <i>Advanced Functional Materials</i> , 2018 , 28, 1801484	15.6	143
104	Production of hydrogen from catalytic steam reforming of bio-oil using C12A7-O ₇ -based catalysts. <i>Applied Catalysis A: General</i> , 2007 , 320, 24-34	5.1	136
103	Synthesis of Au-Fe ₃ O ₄ heterostructured nanoparticles for in vivo computed tomography and magnetic resonance dual model imaging. <i>Nanoscale</i> , 2014 , 6, 199-202	7.7	115
102	Highly efficient self-healable and dual responsive hydrogel-based deformable triboelectric nanogenerators for wearable electronics. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 13948-13955	13	114
101	PEGylated Au@Pt Nanodendrites as Novel Theranostic Agents for Computed Tomography Imaging and Photothermal/Radiation Synergistic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 279-285	8.5	113
100	Janus "nano-bullets" for magnetic targeting liver cancer chemotherapy. <i>Biomaterials</i> , 2016 , 100, 118-33	15.6	112
99	Selective Carbonyl-C(sp ²) Bond Cleavage To Construct Ynamides, Ynoates, and Ynones by Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2478-2481	16.4	83
98	The shape effect of magnetic mesoporous silica nanoparticles on endocytosis, biocompatibility and biodistribution. <i>Acta Biomaterialia</i> , 2017 , 49, 531-540	10.8	79
97	Preparation of fluorine-doped, carbon-encapsulated hollow Fe ₃ O ₄ spheres as an efficient anode material for Li-ion batteries. <i>Nanoscale</i> , 2014 , 6, 3889-94	7.7	76
96	Porous nano-structured Co ₃ O ₄ anode materials generated from coordination-driven self-assembled aggregates for advanced lithium ion batteries. <i>Nanoscale</i> , 2014 , 6, 9689-94	7.7	76
95	Near-infrared irradiation induced remote and efficient self-healable triboelectric nanogenerator for potential implantable electronics. <i>Nano Energy</i> , 2018 , 51, 333-339	17.1	70
94	Berberine Enhances Chemosensitivity and Induces Apoptosis Through Dose-orchestrated AMPK Signaling in Breast Cancer. <i>Journal of Cancer</i> , 2017 , 8, 1679-1689	4.5	64
93	Colloidosome-based synthesis of a multifunctional nanostructure of silver and hollow iron oxide nanoparticles. <i>Langmuir</i> , 2010 , 26, 4184-7	4	62
92	Facile preparation of hybrid core-shell nanorods for photothermal and radiation combined therapy. <i>Nanoscale</i> , 2016 , 8, 3895-9	7.7	58

91	Enhancing proliferation and migration of fibroblast cells by electric stimulation based on triboelectric nanogenerator. <i>Nano Energy</i> , 2019 , 57, 600-607	17.1	56
90	Functional magnetic hybrid nanomaterials for biomedical diagnosis and treatment. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2018 , 10, e1476	9.2	54
89	Berberine Reverses Hypoxia-induced Chemoresistance in Breast Cancer through the Inhibition of AMPK- HIF-1 β . <i>International Journal of Biological Sciences</i> , 2017 , 13, 794-803	11.2	53
88	Enhanced Radiotherapy using Bismuth Sulfide Nanoagents Combined with Photo-thermal Treatment. <i>Theranostics</i> , 2017 , 7, 4087-4098	12.1	52
87	Hepatoprotective effects of berberine on liver fibrosis via activation of AMP-activated protein kinase. <i>Life Sciences</i> , 2014 , 98, 24-30	6.8	52
86	Doxorubicin-loaded mesoporous silica nanoparticle composite nanofibers for long-term adjustments of tumor apoptosis. <i>Nanotechnology</i> , 2016 , 27, 245101	3.4	52
85	Synthesis of heterodimer radionuclide nanoparticles for magnetic resonance and single-photon emission computed tomography dual-modality imaging. <i>Nanoscale</i> , 2015 , 7, 3392-5	7.7	51
84	Calcium ions to cross-link supramolecular nanofibers to tune the elasticity of hydrogels over orders of magnitude. <i>Langmuir</i> , 2011 , 27, 14425-31	4	49
83	Multifunctional Magnetic Mesoporous Silica Nanoagents for Enzyme-Responsive Drug Delivery and MR Imaging. <i>Nanotheranostics</i> , 2018 , 2, 233-242	5.6	47
82	Berberine induces apoptosis by suppressing the arachidonic acid metabolic pathway in hepatocellular carcinoma. <i>Molecular Medicine Reports</i> , 2015 , 12, 4572-4577	2.9	44
81	Glutathione (GSH)-decorated magnetic nanoparticles for binding glutathione-S-transferase (GST) fusion protein and manipulating live cells. <i>Chemical Science</i> , 2011 , 2, 945	9.4	43
80	A versatile supramolecular hydrogel of nitrilotriacetic acid (NTA) for binding metal ions and magnetorheological response. <i>Journal of Materials Chemistry</i> , 2011 , 21, 6804		42
79	Multifunctional Porous Iron Oxide Nanoagents for MRI and Photothermal/Chemo Synergistic Therapy. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1283-1290	6.3	37
78	Cell compatible trimethoprim-decorated iron oxide nanoparticles bind dihydrofolate reductase for magnetically modulating focal adhesion of mammalian cells. <i>Journal of the American Chemical Society</i> , 2011 , 133, 10006-9	16.4	36
77	Berberine inhibits the chemotherapy-induced repopulation by suppressing the arachidonic acid metabolic pathway and phosphorylation of FAK in ovarian cancer. <i>Cell Proliferation</i> , 2017 , 50,	7.9	35
76	Synthesis of PEGylated Ferrocene Nanoconjugates as the Radiosensitizer of Cancer Cells. <i>Bioconjugate Chemistry</i> , 2016 , 27, 1518-24	6.3	35
75	Self-assembled dual fluorescence nanoparticles for CD44-targeted delivery of anti-miR-27a in liver cancer theranostics. <i>Theranostics</i> , 2018 , 8, 3808-3823	12.1	34
74	Sweet Switch: Sugar-Responsive Bioactive Surfaces Based on Dynamic Covalent Bonding. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10647-10655	9.5	33

73	Adipose tissue-secreted miR-27a promotes liver cancer by targeting FOXO1 in obese individuals. <i>OncoTargets and Therapy</i> , 2015 , 8, 735-44	4.4	33
72	Hand-in-hand RNA nanowire-based aptasensor for the detection of theophylline. <i>Biosensors and Bioelectronics</i> , 2018 , 101, 153-158	11.8	32
71	A supramolecular gel based on a glycosylated amino acid derivative with the properties of gel to crystal transition. <i>Soft Matter</i> , 2016 , 12, 141-8	3.6	31
70	Facile synthesis of magnetic core-shell nanocomposites for MRI and CT bimodal imaging. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6905-6910	7.3	29
69	Selective Carbonyl(sp ³) Bond Cleavage To Construct Ynamides, Ynoates, and Ynones by Photoredox Catalysis. <i>Angewandte Chemie</i> , 2017 , 129, 2518-2521	3.6	28
68	Janus nanocarrier-based co-delivery of doxorubicin and berberine weakens chemotherapy-exacerbated hepatocellular carcinoma recurrence. <i>Acta Biomaterialia</i> , 2019 , 100, 352-364	10.8	28
67	Highly efficient synthesis of azos catalyzed by the common metal copper (0) through oxidative coupling reactions. <i>RSC Advances</i> , 2014 , 4, 16607	3.7	28
66	Facile synthesis of Pt/Pd nanodendrites for the direct oxidation of methanol. <i>Nanotechnology</i> , 2014 , 25, 195702	3.4	26
65	Selective inhibition of liver cancer growth realized by the intrinsic toxicity of a quantum dot-lipid complex. <i>International Journal of Nanomedicine</i> , 2014 , 9, 5753-69	7.3	26
64	Fabrication of Multifoliate PtRu Bimetallic Nanocomplexes for Computed Tomography Imaging and Enhanced Synergistic Thermoradiotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 31106-31113	9.5	26
63	Fabrication of PEGylated Fe@BiS nanocomposites for dual-mode imaging and synergistic thermoradiotherapy. <i>Biomaterials Science</i> , 2018 , 6, 1892-1898	7.4	25
62	Magnetic nanoparticles for direct protein sorting inside live cells. <i>Chemical Science</i> , 2012 , 3, 3495	9.4	24
61	Rapid and large-scale synthesis of bare Co ₃ O ₄ porous nanostructures from an oleate precursor as superior Li-ion anodes with long-cycle lives. <i>Dalton Transactions</i> , 2016 , 45, 13509-13	4.3	21
60	Single and repeated dose toxicity of citric acid-based carbon dots and a derivative in mice. <i>RSC Advances</i> , 2015 , 5, 91398-91406	3.7	20
59	A supramolecular approach for versatile biofunctionalization of magnetic nanoparticles. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2198-2203	7.3	20
58	Supramolecular Self-Assemblies with Nanoscale RGD Clusters Promote Cell Growth and Intracellular Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 29906-29914	9.5	20
57	Using porous magnetic iron oxide nanomaterials as a facile photoporation nanoplatform for macromolecular delivery. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 4427-4436	7.3	20
56	Synthesis of magnetite hybrid nanocomplexes to eliminate bacteria and enhance biofilm disruption. <i>Biomaterials Science</i> , 2019 , 7, 2833-2840	7.4	19

55	Metal-Based Hybrid Nanoparticles as Radiosensitizers in Cancer Therapy. <i>Colloids and Interface Science Communications</i> , 2018 , 23, 45-51	5.4	19
54	Facile Strategy for Electrochemical Analysis of Hydrogen Peroxide Based on Multifunctional FeO@Ag Nanocomposites.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 367-373	4.1	19
53	Bactericidal effects and accelerated wound healing using TbO nanoparticles with intrinsic oxidase-like activity. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 54	9.4	18
52	Chemotherapy induces ovarian cancer cell repopulation through the caspase 3-mediated arachidonic acid metabolic pathway. <i>OncoTargets and Therapy</i> , 2017 , 10, 5817-5826	4.4	15
51	Improved neural differentiation of stem cells mediated by magnetic nanoparticle-based biophysical stimulation. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4161-4168	7.3	14
50	Porous Fe ₃ O ₄ hollow spheres with chlorine-doped-carbon coating as superior anode materials for lithium ion batteries. <i>RSC Advances</i> , 2015 , 5, 52993-52997	3.7	14
49	A facile synthesis of Pt@Ir zigzag bimetallic nanocomplexes for hydrogenation reactions. <i>Chemical Communications</i> , 2015 , 51, 9216-9	5.8	13
48	The synthesis of cyclohexenone using L-proline immobilized on a silica gel catalyst by a continuous-flow approach. <i>RSC Advances</i> , 2014 , 4, 15036	3.7	13
47	Hydrogen Production by Catalytic Steam Reforming of Bio-oil, Naphtha and CH ₄ over C12A7-Mg Catalyst. <i>Chinese Journal of Chemical Physics</i> , 2006 , 19, 190-192	0.9	12
46	Folic acid modified superparamagnetic iron oxide nanocomposites for targeted hepatic carcinoma MR imaging. <i>RSC Advances</i> , 2014 , 4, 7483	3.7	11
45	Facile synthesis of AuPt bimetallic nanocomplexes for direct oxidation of methanol and formic acid. <i>RSC Advances</i> , 2015 , 5, 650-653	3.7	10
44	HNF-4 β inhibits hepatocellular carcinoma cell proliferation through mir-122-adam17 pathway. <i>PLoS ONE</i> , 2020 , 15, e0230450	3.7	10
43	Hepatic IGF-1R overexpression combined with the activation of GSK-3 β and FOXO3a in the development of liver cirrhosis. <i>Life Sciences</i> , 2016 , 147, 97-102	6.8	10
42	Synthesis of Pt nanocatalysts for selective hydrogenation of ortho-halogenated nitrobenzene. <i>Science China Chemistry</i> , 2015 , 58, 1051-1055	7.9	9
41	Interfacial hydrogenation and deamination of nitriles to selectively synthesize tertiary amines. <i>Chemical Communications</i> , 2014 , 50, 11110-3	5.8	9
40	Reprogramming of mA epitranscriptome is crucial for shaping of transcriptome and proteome in response to hypoxia. <i>RNA Biology</i> , 2021 , 18, 131-143	4.8	9
39	Rejuvenation of Senescent Bone Marrow Mesenchymal Stromal Cells by Pulsed Triboelectric Stimulation. <i>Advanced Science</i> , 2021 , 8, e2100964	13.6	9
38	Synthesis of Pt dendritic nanocubes with enhanced catalytic properties. <i>RSC Advances</i> , 2015 , 5, 16497-16500	5.0	8

37	Chemotherapy exacerbates ovarian cancer cell migration and cancer stem cell-like characteristics through GLI1. <i>British Journal of Cancer</i> , 2020 , 122, 1638-1648	8.7	8
36	Celecoxib induces apoptosis via a mitochondria-dependent pathway in the H22 mouse hepatoma cell line. <i>Molecular Medicine Reports</i> , 2014 , 10, 2093-8	2.9	8
35	Biofunctional magnetic hybrid nanomaterials for theranostic applications. <i>Nanotechnology</i> , 2019 , 30, 032002	3.4	8
34	CTAB induced mitochondrial apoptosis by activating the AMPK β 53 pathway in hepatocarcinoma cells. <i>Toxicology Research</i> , 2015 , 4, 1359-1365	2.6	7
33	A peroxidase mimic with atom transfer radical polymerization activity constructed through the grafting of heme onto metal-organic frameworks. <i>Journal of Colloid and Interface Science</i> , 2018 , 521, 62-68	9.3	7
32	Gaseous NH ₃ Confers Porous Pt Nanodendrites Assisted by Halides. <i>Scientific Reports</i> , 2016 , 6, 26196	4.9	7
31	Obesity-associated miR-27a upregulation promotes hepatocellular carcinoma metastasis through suppressing SFRP1. <i>OncoTargets and Therapy</i> , 2018 , 11, 3281-3292	4.4	7
30	Glycylglycylbis tripeptide- and silver nanoparticle-assisted electrochemical evaluation of copper(II) ions in aqueous environment. <i>New Journal of Chemistry</i> , 2018 , 42, 14733-14737	3.6	7
29	Efficient and ligand free palladium catalyst for Suzuki and Heck cross-coupling reactions. <i>Science China Chemistry</i> , 2014 , 57, 1310-1314	7.9	7
28	Fabrication of multifunctional polydopamine-coated gold nanobones for PA/CT imaging and enhanced synergistic chemo-photothermal therapy. <i>Journal of Materials Science and Technology</i> , 2021 , 63, 97-105	9.1	7
27	Supramolecular nanovesicles for synergistic glucose starvation and hypoxia-activated gene therapy of cancer. <i>Nanoscale</i> , 2021 , 13, 9570-9576	7.7	7
26	Molecular Dockings and Molecular Dynamics Simulations Reveal the Potency of Different Inhibitors against Xanthine Oxidase. <i>ACS Omega</i> , 2021 , 6, 11639-11649	3.9	6
25	Immunomodulation of Tumor Microenvironment by Arginine-Loaded Iron Oxide Nanoparticles for Gaseous Immunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 19825-19835	9.5	6
24	Near-Infrared Radiation-Assisted Drug Delivery Nanoplatfrom to Realize Blood-Brain Barrier Crossing and Protection for Parkinsonian Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 37746-37760	8.5	6
23	Macrophage-Mediated Porous Magnetic Nanoparticles for Multimodal Imaging and Postoperative Photothermal Therapy of Gliomas. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 56825-56837	9.5	5
22	Citrate/F ₁₂₇ assisted phase control synthesis of TiO ₂ nanostructures and their photocatalytic properties. <i>RSC Advances</i> , 2015 , 5, 74230-74237	3.7	4
21	Heart Rate Fluctuation and Mortality in Critically Ill Myocardial Infarction Patients: A Retrospective Cohort Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 577742	5.4	4
20	Intracellular Synthesis of Hybrid Gallium-68 Nanoparticle Enhances MicroPET Tumor Imaging. <i>Analytical Chemistry</i> , 2021 , 93, 6329-6334	7.8	3

19	Platinum-crosslinking polymeric nanoparticle for synergetic chemoradiotherapy of nasopharyngeal carcinoma. <i>Bioactive Materials</i> , 2021 , 6, 4707-4716	16.7	3
18	Bone Repairment via Mechanosensation of Piezo1 Using Wearable Pulsed Triboelectric Nanogenerator. <i>Small</i> , 2201056	11	3
17	Multifunctional layered black phosphorene-based nanoplatform for disease diagnosis and treatment: a review. <i>Frontiers of Optoelectronics</i> , 2020 , 13, 327-351	2.8	2
16	Novel Ultra-thin Platinum Nanowires and Their Catalytic Applications. <i>Current Organic Chemistry</i> , 2015 , 19, 2142-2155	1.7	2
15	BRD7 inhibits tumor progression by positively regulating the p53 pathway in hepatocellular carcinoma. <i>Journal of Cancer</i> , 2021 , 12, 1507-1519	4.5	2
14	Triboelectric Nanogenerators for Cellular Bioelectrical Stimulation. <i>Advanced Functional Materials</i> , 22030296	0.9	2
13	Biofunctional Magnetic Nanomaterials for Diagnosis, Therapy, and Theranostic Applications 2019 , 341-356		1
12	In Vivo Biocompatible Self-Assembled Nanogel Based on Hyaluronic Acid for Aqueous Solubility and Stability Enhancement of Asiatic Acid. <i>Polymers</i> , 2021 , 13,	4.5	1
11	Berberine inhibits chemotherapy-exacerbated ovarian cancer stem cell-like characteristics and metastasis through GLI1. <i>European Journal of Pharmacology</i> , 2021 , 895, 173887	5.3	1
10	Photoacoustic and magnetic resonance imaging-based gene and photothermal therapy using mesoporous nanoagents. <i>Bioactive Materials</i> , 2022 , 9, 157-167	16.7	1
9	Multifunctional Magnetic Nanoagents for Bioimaging and Therapy.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 1066-1076	4.1	1
8	Minimum heart rate and mortality in critically ill myocardial infarction patients: an analysis of the MIMIC-III database. <i>Annals of Translational Medicine</i> , 2021 , 9, 496	3.2	0
7	Evaluation of the effects of phenylalanine and carboxylate on the rheological behaviors of small molecule hydrogelators containing naphthalene. <i>Materials Research Society Symposia Proceedings</i> , 2012 , 1418, 57		
6	HNF-4 β inhibits hepatocellular carcinoma cell proliferation through mir-122-adam17 pathway 2020 , 15, e0230450		
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