

Lei Jiang

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.

57 papers	904 citations	16 h-index	28 g-index
62 ext. papers	1,194 ext. citations	4.5 avg, IF	4.39 L-index

#	Paper	IF	Citations
57	Clinical utility of F-FDG PET/CT imaging in patients with pulmonary artery sarcoma.. <i>EJNMMI Research</i> , 2022 , 12, 18	3.6	
56	Coordination of H ₂ O ₂ on praseodymia nanorods and its application in sensing cholesterol. <i>Journal of Science: Advanced Materials and Devices</i> , 2022 , 7, 100443	4.2	1
55	Predicting the nature of pleural effusion in patients with lung adenocarcinoma based on F-FDG PET/CT. <i>EJNMMI Research</i> , 2021 , 11, 108	3.6	1
54	Non-invasive measurement of PD-L1 status and prediction of immunotherapy response using deep learning of PET/CT images 2021 , 9,		14
53	Usefulness of F-FDG PET/CT in treatment-naive patients with thymic squamous cell carcinoma. <i>Annals of Nuclear Medicine</i> , 2021 , 35, 1048-1057	2.5	1
52	Plasticity of symbiont acquisition in new recruits of the massive coral <i>Platygyra daedalea</i> under ocean warming and acidification. <i>Coral Reefs</i> , 2021 , 40, 1563-1576	4.2	0
51	Transaction Costs, Portfolio Characteristics, and Mutual Fund Performance. <i>Management Science</i> , 2021 , 67, 1227-1248	3.9	10
50	A syringe-aided apta-nanosensing method for colorimetric determination of acetamiprid. <i>Analytica Chimica Acta</i> , 2021 , 1150, 238118	6.6	3
49	Histamine H ₂ receptor negatively regulates oligodendrocyte differentiation in neonatal hypoxic-ischemic white matter injury. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	4
48	18F-FDG PET/CT and circulating tumor cells in treatment-naive patients with non-small-cell lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 3250-3259	8.8	4
47	Ocean acidification alters the thermal performance curves of brooded larvae from the reef coral <i>Pocillopora damicornis</i> . <i>Coral Reefs</i> , 2021 , 40, 1437-1449	4.2	1
46	Enhanced Artificial Enzyme Activities on the Reconstructed Sawtoothlike Nanofacets of Pure and Pr-Doped Ceria Nanocubes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 38061-38073	9.5	0
45	Photocatalytically renewable peptide-based electrochemical impedance method for sensing lipopolysaccharide. <i>Mikrochimica Acta</i> , 2020 , 187, 349	5.8	4
44	Preclinical PET imaging study of lung cancer with CuCl. <i>Annals of Nuclear Medicine</i> , 2020 , 34, 653-662	2.5	2
43	F-FDG PET/CT in lung adenosquamous carcinoma and its correlation with clinicopathological features and prognosis. <i>Annals of Nuclear Medicine</i> , 2020 , 34, 314-321	2.5	3
42	Impacts of elevated temperature and pCO ₂ on the brooded larvae of <i>Pocillopora damicornis</i> from Luhuitou Reef, China: evidence for local acclimatization. <i>Coral Reefs</i> , 2020 , 39, 331-344	4.2	8
41	PD-L1 expression correlation with metabolic parameters of FDG PET/CT and clinicopathological characteristics in non-small cell lung cancer. <i>EJNMMI Research</i> , 2020 , 10, 51	3.6	10

40	Formation, diagenesis and palaeoenvironmental significance of upper Ediacaran fibrous dolomite cements. <i>Sedimentology</i> , 2020 , 67, 1161-1187	3.3	12
39	From DNA to Nerve Agents ¶The Biomimetic Catalysts for the Hydrolysis of Phosphate Esters. <i>ChemistrySelect</i> , 2020 , 5, 9492-9516	1.8	7
38	Sulfur Cycling During Progressive Burial in Sulfate-Rich Marine Carbonates. <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2020GC009383	3.6	2
37	An enzyme inhibition-based lab-in-a-syringe device for point-of-need determination of pesticides. <i>Analyst, The</i> , 2020 , 145, 3958-3966	5	4
36	Dual-modality imaging of atherosclerotic plaques using ultrasmall superparamagnetic iron oxide labeled with rhodamine. <i>Nanomedicine</i> , 2019 , 14, 1935-1944	5.6	4
35	F-FDG PET/CT imaging in pulmonary sarcomatoid carcinoma and correlation with clinical and genetic findings. <i>Annals of Nuclear Medicine</i> , 2019 , 33, 647-656	2.5	13
34	Seismic sedimentologic study of facies and reservoir in middle Triassic Karamay Formation of the Mahu Sag, Junggar Basin, China. <i>Marine and Petroleum Geology</i> , 2019 , 107, 222-236	4.7	7
33	An aptamer based aggregation assay for the neonicotinoid insecticide acetamiprid using fluorescent upconversion nanoparticles and DNA functionalized gold nanoparticles. <i>Mikrochimica Acta</i> , 2019 , 186, 308	5.8	23
32	Selective oxidation of glycerol on morphology controlled ceria nanomaterials. <i>Catalysis Science and Technology</i> , 2019 , 9, 2328-2334	5.5	17
31	Detecting Vulnerable Atherosclerotic Plaques by Ga-Labeled Divalent Cystine Knot Peptide. <i>Molecular Pharmaceutics</i> , 2019 , 16, 1350-1357	5.6	4
30	Determination of Organophosphorus Pesticides in Fortified Tomatoes by Fluorescence Quenching of Cadmium Selenium ¶Zinc Sulfide Quantum Dots. <i>Analytical Letters</i> , 2019 , 52, 729-744	2.2	6
29	An outbreak of sea cucumbers hinders coral recruitment. <i>Coral Reefs</i> , 2018 , 37, 321-326	4.2	1
28	A non-enzymatic nanoceria electrode for non-invasive glucose monitoring. <i>Analytical Methods</i> , 2018 , 10, 2151-2159	3.2	16
27	Elevated CO delays the early development of scleractinian coral <i>Acropora gemmifera</i> . <i>Scientific Reports</i> , 2018 , 8, 2787	4.9	10
26	Insights into the velocity-dependent geometry and internal strain in accretionary wedges from analogue models. <i>Geological Magazine</i> , 2018 , 155, 1089-1104	2	5
25	Hydrogeomorphologic architecture of epikarst reservoirs in the Middle-Lower Ordovician, Tazhong Uplift, Tarim Basin, China. <i>Marine and Petroleum Geology</i> , 2018 , 98, 146-161	4.7	8
24	Increased temperature mitigates the effects of ocean acidification on the calcification of juvenile <i>Pocillopora damicornis</i> , but at a cost. <i>Coral Reefs</i> , 2018 , 37, 71-79	4.2	11
23	Contrasting diagenetic evolution patterns of platform margin limestones and dolostones in the Lower Triassic Feixianguan Formation, Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2018 , 92, 332-351	4.7	26

22	Double-decrease of the fluorescence of CdSe/ZnS quantum dots for the detection of zinc(II) dimethyldithiocarbamate (ziram) based on its interaction with gold nanoparticles. <i>Mikrochimica Acta</i> , 2018 , 185, 472	5.8	16
21	Improved Oxidase Mimetic Activity by Praseodymium Incorporation into Ceria Nanocubes. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18595-18608	9.5	48
20	Hyaluronan-L-tyrosine-gold nanoparticles as an enzyme-free colorimetric probe for the detection of phosphorothiolate pesticides. <i>Analytical Methods</i> , 2017 , 9, 6139-6147	3.2	8
19	Impact of diurnal temperature fluctuations on larval settlement and growth of the reef coral <i>Pocillopora damicornis</i> . <i>Biogeosciences</i> , 2017 , 14, 5741-5752	4.6	12
18	The Ordovician-Silurian tectonic evolution of the northeastern margin of the Tarim block, NW China: Constraints from detrital zircon geochronological records. <i>Journal of Asian Earth Sciences</i> , 2016 , 122, 1-19	2.8	14
17	Swelling induced regeneration of TiO ₂ -impregnated chitosan adsorbents under visible light. <i>Carbohydrate Polymers</i> , 2016 , 140, 433-41	10.3	11
16	Enhanced Hydroxyl Radical Scavenging Activity by Doping Lanthanum in Ceria Nanocubes. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 1891-1901	3.8	55
15	The Ocean redox state evolution and its controls during the Cambrian Series 1a: Evidence from Lijiatuo Section, South China. <i>Journal of Earth Science (Wuhan, China)</i> , 2016 , 27, 255-270	2.2	3
14	The role of thermochemical sulfate reduction in the genesis of high-quality deep marine reservoirs within the central Tarim Basin, western China. <i>Arabian Journal of Geosciences</i> , 2015 , 8, 4443-4456	1.8	5
13	Origins and fates of H ₂ S in the Cambrian and Ordovician in Tazhong area: Evidence from sulfur isotopes, fluid inclusions and production data. <i>Marine and Petroleum Geology</i> , 2015 , 67, 408-418	4.7	21
12	Application of sulfur and carbon isotopes to oil-source rock correlation: A case study from the Tazhong area, Tarim Basin, China. <i>Organic Geochemistry</i> , 2015 , 83-84, 140-152	3.1	67
11	Conversion of inhibition biosensing to substrate-like biosensing for quinalphos selective detection. <i>Analytical Chemistry</i> , 2015 , 87, 5270-7	7.8	15
10	Rare earth element and yttrium (REY) geochemistry in carbonate reservoirs during deep burial diagenesis: Implications for REY mobility during thermochemical sulfate reduction. <i>Chemical Geology</i> , 2015 , 415, 87-101	4.2	24
9	Effects of elevated pCO ₂ on the post-settlement development of <i>Pocillopora damicornis</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2015 , 473, 169-175	2.1	8
8	Generation of isotopically and compositionally distinct water during thermochemical sulfate reduction (TSR) in carbonate reservoirs: Triassic Feixianguan Formation, Sichuan Basin, China. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 165, 249-262	5.5	44
7	Petrological and geochemical constraints on porosity difference between Lower Triassic sour- and sweet-gas carbonate reservoirs in the Sichuan Basin. <i>Marine and Petroleum Geology</i> , 2014 , 56, 34-50	4.7	42
6	Surface Wettability of Oxygen Plasma Treated Porous Silicon. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-6	3.2	10
5	Thermochemical sulfate reduction and fluid evolution of the Lower Triassic Feixianguan Formation sour gas reservoirs, northeast Sichuan Basin, China. <i>AAPG Bulletin</i> , 2014 , 98, 947-973	2.5	42

4	Sr evolution in the Upper Permian and Lower Triassic carbonates, northeast Sichuan basin, China: Constraints from chemistry, isotope and fluid inclusions. <i>Applied Geochemistry</i> , 2012 , 27, 2409-2424	3.5	23
3	Lipids of sulfate-reducing bacteria and sulfur-oxidizing bacteria found in the Dongsheng uranium deposit. <i>Science Bulletin</i> , 2012 , 57, 1311-1319		22
2	TSR origin of sulfur in Permian and Triassic reservoir bitumen, East Sichuan Basin, China. <i>Organic Geochemistry</i> , 2010 , 41, 871-878	3.1	48
1	Origins of Palaeozoic oils in the Tarim Basin: Evidence from sulfur isotopes and biomarkers. <i>Chemical Geology</i> , 2009 , 268, 197-210	4.2	124