

Lei Jiang

List of Publications by Year in descending order

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83
papers

2,116
citations

218677

26
h-index

289244

40
g-index

88
all docs

88
docs citations

88
times ranked

2071
citing authors

#	ARTICLE	IF	CITATIONS
1	Origins of Palaeozoic oils in the Tarim Basin: Evidence from sulfur isotopes and biomarkers. <i>Chemical Geology</i> , 2009, 268, 197-210.	3.3	147
2	Cetuximab promotes RSL3-induced ferroptosis by suppressing the Nrf2/HO-1 signalling pathway in KRAS mutant colorectal cancer. <i>Cell Death and Disease</i> , 2021, 12, 1079.	6.3	125
3	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.	1.8	92
4	Identification of differentially expressed circular RNAs in human colorectal cancer. <i>Tumor Biology</i> , 2017, 39, 101042831769454.	1.8	77
5	Non-invasive measurement of PD-L1 status and prediction of immunotherapy response using deep learning of PET/CT images. , 2021, 9, e002118.		75
6	Targeting S100P Inhibits Colon Cancer Growth and Metastasis by Lentivirus-Mediated RNA Interference and Proteomic Analysis. <i>Molecular Medicine</i> , 2011, 17, 709-716.	4.4	67
7	TSR origin of sulfur in Permian and Triassic reservoir bitumen, East Sichuan Basin, China. <i>Organic Geochemistry</i> , 2010, 41, 871-878.	1.8	59
8	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.	3.3	59
9	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.	3.9	55
10	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.	1.5	48
11	Transaction Costs, Portfolio Characteristics, and Mutual Fund Performance. <i>Management Science</i> , 2021, 67, 1227-1248.	4.1	46
12	Exosome-transmitted miRNA-335-5p promotes colorectal cancer invasion and metastasis by facilitating EMT via targeting RASA1. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 164-174.	5.1	46
13	BCAT1 decreases the sensitivity of cancer cells to cisplatin by regulating mTOR-mediated autophagy via branched-chain amino acid metabolism. <i>Cell Death and Disease</i> , 2021, 12, 169.	6.3	42
14	Thioredoxin-1 promotes colorectal cancer invasion and metastasis through crosstalk with S100P. <i>Cancer Letters</i> , 2017, 401, 1-10.	7.2	41
15	ɪmp;#x2013;Sodium Butyrate Selectively Kills Cancer Cells and Inhibits Migration in Colorectal Cancer by Targeting Thioredoxin-1ɪmp;#x2013;. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 4691-4704.	2.0	41
16	Down-regulation of stathmin is required for TGF- β 2 inducible early gene 1 induced growth inhibition of pancreatic cancer cells. <i>Cancer Letters</i> , 2009, 274, 101-108.	7.2	40
17	miR-124 interacts with the Notch1 signalling pathway and has therapeutic potential against gastric cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 313-322.	3.6	40
18	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.	3.3	37

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19	Synergistic apoptosis induction in leukemic cells by miR-15a/16-1 and arsenic trioxide. <i>Biochemical and Biophysical Research Communications</i> , 2010, 403, 203-208.	2.1	35
20	Formation, diagenesis and palaeoenvironmental significance of upper Ediacaran fibrous dolomite cements. <i>Sedimentology</i> , 2020, 67, 1161-1187.	3.1	35
21	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.	3.3	34
22	miR-15a/16-1 enhances retinoic acid-mediated differentiation of leukemic cells and is up-regulated by retinoic acid. <i>Leukemia and Lymphoma</i> , 2011, 52, 2365-2371.	1.3	33
23	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.	3.3	33
24	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.	3.0	29
25	Overexpression of S100P promotes colorectal cancer metastasis and decreases chemosensitivity to 5-FU in vitro. <i>Molecular and Cellular Biochemistry</i> , 2014, 389, 257-264.	3.1	29
26	Lipids of sulfate-reducing bacteria and sulfur-oxidizing bacteria found in the Dongsheng uranium deposit. <i>Science Bulletin</i> , 2012, 57, 1311-1319.	1.7	28
27	STAT1 modification improves therapeutic effects of interferons on lung cancer cells. <i>Journal of Translational Medicine</i> , 2015, 13, 293.	4.4	28
28	miR-600 inhibits cell proliferation, migration and invasion by targeting p53 in mutant p53-expressing human colorectal cancer cell lines. <i>Oncology Letters</i> , 2017, 13, 1789-1796.	1.8	28
29	HOXB8 enhances the proliferation and metastasis of colorectal cancer cells by promoting EMT via STAT3 activation. <i>Cancer Cell International</i> , 2019, 19, 3.	4.1	28
30	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.	2.5	28
31	Lack of association between genetic polymorphisms in three folate-related enzyme genes and male infertility in the Chinese population. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 369-374.	2.5	27
32	Thioredoxin-1 inhibitor, 1-methylpropyl 2-imidazolyl disulfide, inhibits the growth, migration and invasion of colorectal cancer cell lines. <i>Oncology Reports</i> , 2015, 33, 967-973.	2.6	26
33	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.	3.3	25
34	Increased Thioredoxin-1 Expression Promotes Cancer Progression and Predicts Poor Prognosis in Patients with Gastric Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	22
35	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.	2.3	21
36	A non-enzymatic nanoceria electrode for non-invasive glucose monitoring. <i>Analytical Methods</i> , 2018, 10, 2151-2159.	2.7	21

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37	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.	2.2	21
38	Selective oxidation of glycerol on morphology controlled ceria nanomaterials. <i>Catalysis Science and Technology</i> , 2019, 9, 2328-2334.	4.1	21
39	Construction and Validation of a Novel Ferroptosis-Related lncRNA Signature to Predict Prognosis in Colorectal Cancer Patients. <i>Frontiers in Genetics</i> , 2021, 12, 709329.	2.3	21
40	Elevated CO ₂ delays the early development of scleractinian coral <i>Acropora gemmifera</i> . <i>Scientific Reports</i> , 2018, 8, 2787.	3.3	19
41	Interplay between Trx and S100P promotes colorectal cancer cell epithelial-mesenchymal transition by up-regulating S100A4 through AKT activation. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2430-2441.	3.6	19
42	¹⁸ 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.	2.2	19
43	Histamine H ₂ receptor negatively regulates oligodendrocyte differentiation in neonatal hypoxic-ischemic white matter injury. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	17
44	Transactivation of the TIEG1 confers growth inhibition of transforming growth factor- β -susceptible hepatocellular carcinoma cells. <i>World Journal of Gastroenterology</i> , 2012, 18, 2035.	3.3	17
45	Albica Bracteata Polysaccharides Attenuate AOM/DSS Induced Colon Tumorigenesis via Regulating Oxidative Stress, Inflammation and Gut Microbiota in Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 833077.	3.5	17
46	From DNA to Nerve Agents – The Biomimetic Catalysts for the Hydrolysis of Phosphate Esters. <i>ChemistrySelect</i> , 2020, 5, 9492-9516.	1.5	16
47	Anti-Cancer Effect of β -Solanine by Down-Regulating S100P Expression in Colorectal Cancer Cells. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018, 13, 240-247.	1.6	16
48	Schisandrin B suppresses gastric cancer cell growth and enhances the efficacy of chemotherapy drug 5-FU in vitro and in vivo. <i>European Journal of Pharmacology</i> , 2022, 920, 174823.	3.5	15
49	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.	3.3	14
50	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.	3.3	14
51	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.	2.2	14
52	Albica Bracteata Polysaccharides Synergistically Enhance the Anti-Tumor Efficacy of 5-Fluorouracil Against Colorectal Cancer by Modulating β -Catenin Signaling and Intestinal Flora. <i>Frontiers in Pharmacology</i> , 2021, 12, 736627.	3.5	14
53	¹⁸ F-FDG PET/CT and circulating tumor cells in treatment-naïve patients with non-small-cell lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3250-3259.	6.4	13
54	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.	8.0	13

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55	Thioredoxin-1 inhibitor PX-12 induces human acute myeloid leukemia cell apoptosis and enhances the sensitivity of cells to arsenic trioxide. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 4765-73.	0.5	13
56	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.	1.5	12
57	Lentivirus-mediated overexpression of miR-124 suppresses growth and invasion by targeting JAG1 and EZH2 in gastric cancer. <i>Oncology Letters</i> , 2018, 15, 7450-7458.	1.8	11
58	C-Myc-activated long non-coding RNA LINC01050 promotes gastric cancer growth and metastasis by sponging miR-7161-3p to regulate SPZ1 expression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 351.	8.6	11
59	Crosstalk between the Notch signaling pathway and non-coding RNAs in gastrointestinal cancers (Review). <i>Oncology Letters</i> , 2017, 15, 31-40.	1.8	10
60	Detecting Vulnerable Atherosclerotic Plaques by ⁶⁸ Ga-Labeled Divalent Cystine Knot Peptide. <i>Molecular Pharmaceutics</i> , 2019, 16, 1350-1357.	4.6	9
61	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.	1.3	8
62	The Ocean redox state evolution and its controls during the Cambrian Series 1: Evidence from Lijiatuo Section, South China. <i>Journal of Earth Science (Wuhan, China)</i> , 2016, 27, 255-270.	3.2	8
63	Insights into the velocity-dependent geometry and internal strain in accretionary wedges from analogue models. <i>Geological Magazine</i> , 2018, 155, 1089-1104.	1.5	7
64	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.	2.2	7
65	Dual-modality imaging of atherosclerotic plaques using ultrasmall superparamagnetic iron oxide labeled with rhodamine. <i>Nanomedicine</i> , 2019, 14, 1935-1944.	3.3	6
66	¹⁸ 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.	2.2	6
67	Predicting the nature of pleural effusion in patients with lung adenocarcinoma based on ¹⁸ F-FDG PET/CT. <i>EJNMMI Research</i> , 2021, 11, 108.	2.5	6
68	ZIC2 promotes colorectal cancer growth and metastasis through the TGF- β ² signaling pathway. <i>Experimental Cell Research</i> , 2022, 415, 113118.	2.6	6
69	Lentivirus-mediated overexpression of TGF- β ² inducible early gene 1 inhibits SW1990 pancreatic cancer cell growth. <i>Cell Biology International</i> , 2011, 35, 891-896.	3.0	5
70	Preclinical PET imaging study of lung cancer with ⁶⁴ CuCl ₂ . <i>Annals of Nuclear Medicine</i> , 2020, 34, 653-662.	2.2	5
71	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.	2.2	5
72	Inhibition of p38 MAPK activity in B-NHL Raji cells by treatment with engineered CD20-specific T cells. <i>Oncology Letters</i> , 2011, 2, 753-758.	1.8	4

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73	Sulfur Cycling During Progressive Burial in Sulfate-Rich Marine Carbonates. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009383.	2.5	4
74	Deoxyribonucleic acid methylation signatures in sperm deoxyribonucleic acid fragmentation. <i>Fertility and Sterility</i> , 2021, 116, 1297-1307.	1.0	4
75	Pulses of atmosphere oxygenation during the Cambrian radiation of animals. <i>Earth and Planetary Science Letters</i> , 2022, 590, 117565.	4.4	4
76	An outbreak of sea cucumbers hinders coral recruitment. <i>Coral Reefs</i> , 2018, 37, 321-326.	2.2	3
77	A Novel DNA Aptamer Targeting S100P Induces Antitumor Effects in Colorectal Cancer Cells. <i>Nucleic Acid Therapeutics</i> , 2020, 30, 402-413.	3.6	3
78	Association of polymorphisms in ART3 gene with male infertility in the Chinese population. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 7944-50.	1.3	3
79	Metabolic Syndrome-Related Hyperuricemia is Associated with a Poorer Prognosis in Patients with Colorectal Cancer: A Multicenter Retrospective Study. <i>Cancer Management and Research</i> , 2021, Volume 13, 8809-8819.	1.9	3
80	Usefulness of 18F-FDG PET/CT in treatment-naive patients with thymic squamous cell carcinoma. <i>Annals of Nuclear Medicine</i> , 2021, 35, 1048-1057.	2.2	2
81	Downregulation of LINC01021 by curcumin analog Da0324 inhibits gastric cancer progression through activation of P53. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 3429-3444.	0.0	2
82	Dynamic Transcriptional Changes of TIEG1 and TIEG2 During Mouse Tissue Development. <i>Anatomical Record</i> , 2010, 293, 858-864.	1.4	1
83	DNA comethylation analysis reveals a functional association between BRCA1 and sperm DNA fragmentation. <i>Fertility and Sterility</i> , 2022, , .	1.0	0