

Peng Gao

List of Publications by Year in descending order

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33
papers

1,345
citations

535685

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445137

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33
all docs

33
docs citations

33
times ranked

1804
citing authors

#	ARTICLE	IF	CITATIONS
1	Preferential dissolution of uranium-rich zircon can bias the hafnium isotope compositions of granites. <i>Geology</i> , 2022, 50, 336-340.	2.0	12
2	Geochemistry and petrogenesis of ca. 2.1 Ga meta-mafic rocks in the central Jiao-Liao-Ji Belt, North China Craton: A consequence of intracontinental rifting or subduction?. <i>Precambrian Research</i> , 2022, 370, 106553.	1.2	6
3	Screening Repurposed Antiviral Small Molecules as Antimycobacterial Compounds by a Lux-Based phoP Promoter-Reporter Platform. <i>Antibiotics</i> , 2022, 11, 369.	1.5	3
4	Antivirulence Agent as an Adjuvant of β -Lactam Antibiotics in Treating Staphylococcal Infections. <i>Antibiotics</i> , 2022, 11, 819.	1.5	3
5	The effect of crystal fractionation on the geochemical composition of syn-exhumation magmas: Implication for the formation of high ^{56}Fe granites in collisional orogens. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 332, 156-185.	1.6	7
6	Petrogenesis of newly identified Neoproterozoic granitoids in the Qingyuan of NE China: Implications on crustal growth and reworking of the North China Craton. <i>Journal of Asian Earth Sciences</i> , 2022, 236, 105333.	1.0	2
7	Miocene high-temperature leucogranite magmatism in the Himalayan orogen. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 679-690.	1.6	20
8	The Effects of Source Mixing and Fractional Crystallization on the Composition of Eocene Granites in the Himalayan Orogen. <i>Journal of Petrology</i> , 2021, 62, .	1.1	16
9	The production of granitic magmas through crustal anatexis at convergent plate boundaries. <i>Lithos</i> , 2021, 402-403, 106232.	0.6	43
10	Crustal thickening and continental formation in the Neoproterozoic: Geochemical records by granitoids from the Taihua Complex in the North China Craton. <i>Precambrian Research</i> , 2021, 367, 106446.	1.2	15
11	Origin of peraluminous A-type granites from appropriate sources at moderate to low pressures and high temperatures. <i>Lithos</i> , 2020, 352-353, 105287.	0.6	9
12	Whole-rock geochemical and zircon Hf-O isotopic constraints on the origin of granitoids and their mafic enclaves from the Triassic Mishuling pluton in West Qinling, central China. <i>Journal of Asian Earth Sciences</i> , 2020, 189, 104136.	1.0	4
13	The compositional variation of I-type granites: Constraints from geochemical analyses and phase equilibrium calculations for granites from the Qinling orogen, central China. <i>Journal of Asian Earth Sciences</i> , 2020, 200, 104471.	1.0	4
14	The Origin of Garnets in Anatexitic Rocks from the Eastern Himalayan Syntaxis, Southeastern Tibet: Constraints from Major and Trace Element Zoning and Phase Equilibrium Relationships. <i>Journal of Petrology</i> , 2019, 60, 2241-2280.	1.1	13
15	Broad and Effective Protection against <i>Staphylococcus aureus</i> Is Elicited by a Multivalent Vaccine Formulated with Novel Antigens. <i>MSphere</i> , 2019, 4, .	1.3	7
16	Mixing of Felsic Magmas in Granite Petrogenesis: Geochemical Records of Zircon and Garnet in Peraluminous Granitoids From South China. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2738-2769.	1.4	18
17	Bismuth antimicrobial drugs serve as broad-spectrum metallo- β -lactamase inhibitors. <i>Nature Communications</i> , 2018, 9, 439.	5.8	169
18	Suppression of <i>Staphylococcus aureus</i> virulence by a small-molecule compound. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8003-8008.	3.3	49

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19	Relict zircon U-Pb age and O isotope evidence for reworking of Neoproterozoic crustal rocks in the origin of Triassic S-type granites in South China. <i>Lithos</i> , 2018, 300-301, 261-277.	0.6	15
20	Triassic granites in South China: A geochemical perspective on their characteristics, petrogenesis, and tectonic significance. <i>Earth-Science Reviews</i> , 2017, 173, 266-294.	4.0	120
21	Dehydrosqualene Desaturase as a Novel Target for Anti-Virulence Therapy against <i>Staphylococcus aureus</i> . <i>MBio</i> , 2017, 8, .	1.8	37
22	Construction of a Multiplex Promoter Reporter Platform to Monitor <i>Staphylococcus aureus</i> Virulence Gene Expression and the Identification of Usnic Acid as a Potent Suppressor of psm Gene Expression. <i>Frontiers in Microbiology</i> , 2016, 7, 1344.	1.5	10
23	Magma mixing in granite petrogenesis: Insights from biotite inclusions in quartz and feldspar of Mesozoic granites from South China. <i>Journal of Asian Earth Sciences</i> , 2016, 123, 142-161.	1.0	18
24	Distinction between S-type and peraluminous I-type granites: Zircon versus whole-rock geochemistry. <i>Lithos</i> , 2016, 258-259, 77-91.	0.6	109
25	Experimental melts from crustal rocks: A lithochemical constraint on granite petrogenesis. <i>Lithos</i> , 2016, 266-267, 133-157.	0.6	196
26	HKOCI-3: a fluorescent hypochlorous acid probe for live-cell and in vivo imaging and quantitative application in flow cytometry and a 96-well microplate assay. <i>Chemical Science</i> , 2016, 7, 2094-2099.	3.7	134
27	Natural products triptolide, celastrol, and withaferin A inhibit the chaperone activity of peroxiredoxin I. <i>Chemical Science</i> , 2015, 6, 4124-4130.	3.7	43
28	The anatectic effect on the zircon Hf isotope composition of migmatites and associated granites. <i>Lithos</i> , 2015, 238, 174-184.	0.6	49
29	The source of Mesozoic granitoids in South China: Integrated geochemical constraints from the Taoshan batholith in the Nanling Range. <i>Chemical Geology</i> , 2015, 395, 11-26.	1.4	97
30	Petrogenesis of Triassic granites from the Nanling Range in South China: Implications for geochemical diversity in granites. <i>Lithos</i> , 2014, 210-211, 40-56.	0.6	68
31	Identification and validation of a novel lead compound targeting 4-diphosphocytidyl-2-C-methylerythritol synthetase (IspD) of mycobacteria. <i>European Journal of Pharmacology</i> , 2012, 694, 45-52.	1.7	23
32	A discovery of novel <i>Mycobacterium tuberculosis</i> pantothenate synthetase inhibitors based on the molecular mechanism of actinomycin D inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3943-3946.	1.0	24
33	A cell-based screening system for detection of inhibitors toward mycobacterial cell wall core. <i>Journal of Antibiotics</i> , 2009, 62, 315-318.	1.0	2