Santosh M

List of Publications by Year
in descending order

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1,322	63,344	996 114	3260 185
papers	citations	h-index	g-index

1380	1380	1380	10458
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detrital Zircon Records of the Banxi Group in the Western Jiangnan Orogen: Implications for Crustal Evolution of the South China Craton. Acta Geologica Sinica, 2023, 97, 35-54.	0.8	1
2	Contrasting mechanisms and timescales of subduction and exhumation as recorded by Paleoproterozoic and late Paleozoic high-pressure granulites in the North China Craton. Bulletin of the Geological Society of America, 2023, 135, 29-47.	1.6	2
3	Fingerprinting the metal source and cycling of the worldâ€™s largest antimony deposit in Xikuangshan, China. Bulletin of the Geological Society of America, 2023, 135, 286-294.	1.6	16
4	Three-stage extension in the Cenozoic Pearl River Mouth Basin triggering onset of the South China Sea spreading. Gondwana Research, 2023, 120, 31-46.	3.0	8
5	Xanthan gum based investigations into the surface chemistry of cassiterite and beneficiation of cassiterite tailings. Mineral Processing and Extractive Metallurgy Review, 2022, 43, 150-164.	2.6	8
6	The Yanshanian (Mesozoic) metallogenesis in China linked to crust-mantle interaction in the western Pacific margin: An overview from the Zhejiang Province. Gondwana Research, 2022, 102, 95-132.	3.0	7
7	Paleozoic to Mesozoic micro-block tectonics in the eastern Central Asian Orogenic Belt: Insights from magnetic and gravity anomalies. Gondwana Research, 2022, 102, 229-251.	3.0	11
8	Evolution of Meso-Cenozoic subduction zones in the ocean-continent connection zone of the eastern South China Block: Insights from gravity and magnetic anomalies. Gondwana Research, 2022, 102, 151-166.	3.0	11
9	Subductionâ€“collision and exhumation of eclogites in the Lhasa terrane, Tibet Plateau. Gondwana Research, 2022, 102, 394-404.	3.0	16
10	Mesozoic mafic dykes in the North China Craton: magmatic evolution and implications for gold mineralization. International Geology Review, 2022, 64, 254-274.	1.1	3
11	Magmatic and metamorphic evolution of a layered gabbro-anorthosite complex from the Coorg Block, southern India: Implications for Mesoarchean suprasubduction zone process. Gondwana Research, 2022, 103, 105-134.	3.0	12
12	The Mesozoic Amdo micro-block and East Asian superconvergent tectonic system. Gondwana Research, 2022, 101, 257-277.	3.0	3
13	Paleoproterozoic emplacement and Cambrian ultrahigh-temperature metamorphism of a layered magmatic intrusion from the Central Madurai Block, southern India: From Columbia to Gondwana. Geoscience Frontiers, 2022, 13, 101260.	4.3	8
14	Crustal stabilization: Evidence from the geochemistry and Uâ€“Pb detrital zircon geochronology of quartzites from Simlipal Complex, Singhbhum Craton, India. Geoscience Frontiers, 2022, 13, 101257.	4.3	7
15	Fault-controlled carbonate-hosted barite-fluorite mineral systems: The Shuanghe deposit, Yangtze Block, South China. Gondwana Research, 2022, 101, 26-43.	3.0	22
16	Episodic habitation and abandonment of Neolithic civilization sites in the Vaigai River Basin, Southern India. Geosystems and Geoenvironment, 2022, 1, 100007.	1.7	3
17	The role of continental fragments in the formation of intra-oceanic arcs: Constraints from Sr-Nd-Hf-O isotopes of gabbro from the Jiamusi Block, NE China. Gondwana Research, 2022, 103, 297-313.	3.0	8
18	Arc building through bimodal magmatism: The Tsukuba Igneous Complex, Japan, and its correlations and connections. International Geology Review, 2022, 64, 2339-2358.	1.1	1

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19	COVID-19 mortality and exposure to airborne PM2.5: A lag time correlation. Science of the Total Environment, 2022, 806, 151286.	3.9	23
20	Multiple sources and magmatic evolution of the Late Triassic Daocheng batholith in the Yidun Terrane: Implications for evolution of the Paleo-Tethys Ocean in the eastern Tibetan Plateau. Bulletin of the Geological Society of America, 2022, 134, 1660-1680.	1.6	5
21	Mineral systems: Their advantages in terms of developing holistic genetic models and for target generation in global mineral exploration. Geosystems and Geoenvironment, 2022, 1, 100001.	1.7	32
22	The Mesozoic magmatic, metamorphic, and tectonic evolution of the eastern Gangdese magmatic arc, southern Tibet. Bulletin of the Geological Society of America, 2022, 134, 1721-1740.	1.6	9
23	A review of retrieving pristine rare earth element signatures from carbonates. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 586, 110765.	1.0	23
24	Gully erosion and climate induced chemical weathering for vulnerability assessment in sub-tropical environment. Geomorphology, 2022, 398, 108027.	1.1	19
25	Robust monazite U-Pb and molybdenite Re-Os ages reveal the magmatic and metallogenic history of a highly evolved granitic system in the Xianghualing deposit, South China. Ore Geology Reviews, 2022, 140, 104602.	1.1	9
26	Metallogenic â€˜factoriesâ€™ and resultant highly anomalous mineral endowment on the craton margins of China. Geoscience Frontiers, 2022, 13, 101339.	4.3	9
27	Ediacaran iron formations from the North Qilian Orogenic Belt, China: Age, geochemistry, Smâ€“Nd isotopes and link with submarine volcanism. Precambrian Research, 2022, 368, 106498.	1.2	12
28	Genesis of a Ag-Pb-Zn-F system: Insights from in situ sulfur isotope and trace elements of pyrite, and rare earth elements of fluorite in the Baiyine'lebu deposit, Inner Mongolia, China. Ore Geology Reviews, 2022, 141, 104667.	1.1	4
29	Microchemical signatures of placer gold grains from the Gamba district, northern Cameroon: Implications for possible bedrock sources. Ore Geology Reviews, 2022, 141, 104640.	1.1	8
30	The cold and hot collisional orogens: Thermal regimes and metallogeny of the Alpine versus Himalayan-Tibetan belts. Ore Geology Reviews, 2022, 141, 104671.	1.1	4
31	Paleo-Mesoarchean crustal evolution in the Coorg Block, southern India: Insights from magmatic and metamorphic records in mafic granulites. Precambrian Research, 2022, 370, 106537.	1.2	1
32	Apatite as a fingerprint of granite fertility and gold mineralization: Evidence from the Xiaoqinling Goldfield, North China Craton. Ore Geology Reviews, 2022, 142, 104720.	1.1	9
33	A Gondwanan micro-fragment adjacent to southern granulite terrane of India: Evidence from satellite gravity studies. Physics of the Earth and Planetary Interiors, 2022, 322, 106832.	0.7	5
34	Geochemistry of hydrothermal zircon as a proxy to fingerprint ore fluids in late Mesozoic decratonic gold deposits. Ore Geology Reviews, 2022, 143, 104703.	1.1	7
35	Influence of fluid-rock interaction on gold mineralization in the Dongwan deposit, East Qinling, China: Constraints from systematic sulfur isotope and trace element geochemistry. Ore Geology Reviews, 2022, 142, 104718.	1.1	8
36	Generation of Nb-enriched mafic rocks and associated adakitic rocks from the southeastern Central Asian Orogenic Belt: Evidence of crust-mantle interaction. Geoscience Frontiers, 2022, 13, 101341.	4.3	9

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37	Geology and genesis of auriferous porphyritic monzogranite and its correlation with the Qiyugou porphyry-breccia system in East Qinling, Central China. Ore Geology Reviews, 2022, 142, 104709.	1.1	7
38	Distal gold mineralization associated with porphyry system: The case of Hongzhuang and Yuanling deposits, East Qinling, China. Ore Geology Reviews, 2022, 142, 104701.	1.1	6
39	Superimposed zinc and gold mineralization in the Dunde iron deposit, western Tianshan, NW China: Constraints from LA-ICP-MS fluid inclusion microanalysis. Ore Geology Reviews, 2022, 142, 104713.	1.1	3
40	Petrogenesis of Early Permian basalts in the Turpan-Hami basin, NW China: Implications for the spatial limits of the Tarim mantle plume. Journal of Asian Earth Sciences, 2022, 226, 105097.	1.0	2
41	Eocene magmatism in the western Tengchong Block: Implications for crust-mantle interaction associated with the slab rollback of the Neo-Tethys Ocean. Gondwana Research, 2022, 106, 259-280.	3.0	5
42	Late Mesozoic Huangbeiling S-type granite in the East Qinling Orogen, China: Geochronology, petrogenesis and implications for tectonic evolution. Chemie Der Erde, 2022, 82, 125857.	0.8	10
43	Mesozoic deformation of the Nadanhada Terrane (NE China) and its implications on the subduction of the Paleo-Pacific Plate. Journal of Asian Earth Sciences, 2022, 232, 105166.	1.0	5
44	Formation of the Qiyugou porphyry gold system in East Qinling, China: insights from timing and source characteristics of Late Mesozoic magmatism. Journal of the Geological Society, 2022, 179, .	0.9	2
45	Evidence for crustal magma chamber associated with metallogeny based on P-wave velocities, South China. Geosystems and Geoenvironment, 2022, , 100048.	1.7	1
46	Meteorite impact craters as hotspots for mineral resources and energy fuels: A global review. Energy Geoscience, 2022, 3, 136-146.	1.3	7
47	Subduction-related metallogenesis in China: Preface. Ore Geology Reviews, 2022, , 104872.	1.1	0
48	Multistage evolution of the Keluo Complex in the northern Da Hinggan Mountains: Implications for the Mesozoic tectonic history of the eastern Central Asian Orogenic Belt. Gondwana Research, 2022, , .	3.0	1
49	Genesis of orogenic gold systems in the Daduhe belt: Evidence of long-lived fertile mantle lithosphere as a source of diverse metallogeny on the western margin of the Yangtze Craton, China. Ore Geology Reviews, 2022, 145, 104861.	1.1	7
50	BastnÃsite U-Th-Pb age, sulfur isotope and trace elements of the Huangshuiâ€™an deposit: Implications for carbonatite-hosted Mo-Pb-REE mineralization in the Qinling Orogenic Belt, China. Ore Geology Reviews, 2022, 143, 104790.	1.1	5
51	Mafic-ultramafic suite from the Karwar Block, SW India: Implications for Mesoarchean geodynamics. Precambrian Research, 2022, 372, 106601.	1.2	3
52	The Paleoproterozoic magmatic arc of Trivandrum Block, southern India: From Columbia to Gondwana. Precambrian Research, 2022, 372, 106612.	1.2	4
53	Trace element and isotope (C, S, Sr, Nd, Fe) geochemistry constraints on the sedimentary environment of the early Neoproterozoic Shilu BIF and associated dolostones, South China. Precambrian Research, 2022, 372, 106610.	1.2	7
54	Indicators of decratonic gold mineralization in the North China Craton. Earth-Science Reviews, 2022, 228, 103995.	4.0	15

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55	The link between Paleo-Tethys subduction and regional metallogeny in the SW Yangtze Block: New evidence from the Zubu carbonate-hosted F-Pb-Zn deposit. Ore Geology Reviews, 2022, 144, 104809.	1.1	5
56	Iron and sulfur isotope fractionation during pyrite dissolution-reprecipitation revealed by in-situ isotopic analyses in the Muping gold deposit (Jiaodong, China). Journal of Asian Earth Sciences, 2022, 230, 105217.	1.0	3
57	Supraâ€subduction zone ophiolite from the Great Xing'an Range, China: Geochemistry, geochronology, and implication for formation in a backâ€arc setting. Geological Journal, 2022, 57, 1783-1802.	0.6	1
58	Geochemistry of basalts in unravelling the mantle processes and crustal evolution: Insights from the greenstone belts of western Dharwar Craton. Geosystems and Geoenvironment, 2022, , 100070.	1.7	3
59	Flood susceptibility mapping using meta-heuristic algorithms. Geomatics, Natural Hazards and Risk, 2022, 13, 949-974.	2.0	28
60	Global metallogeny in relation to secular evolution of the Earth and supercontinent cycles. Gondwana Research, 2022, 107, 395-422.	3.0	34
61	Age and mineralization processes of decratonic lode gold deposits in the southern North China Craton: Constraints from trace elements, in-situ S-Pb isotopes and Rb-Sr geochronology of pyrite from the Chenâ€™er gold deposit. Ore Geology Reviews, 2022, 145, 104888.	1.1	6
62	Deep oreâ€forming fluid characteristics of the Jiaodong gold province: Evidence from the Qianchen gold deposit in the Jiaojia gold belt. Ore Geology Reviews, 2022, 145, 104911.	1.1	6
63	Cross Orogenic Belts in Central China: Implications for the tectonic and paleogeographic evolution of the East Asian continental collage. Gondwana Research, 2022, 109, 18-88.	3.0	39
64	Microplastic atmospheric dustfall pollution in urban environment: Evidence from the types, distribution, and probable sources in Beijing, China. Science of the Total Environment, 2022, 838, 155989.	3.9	5
65	The tertiary sequence of Varkala coastal cliffs, southwestern India: An ideal site for Global Geopark. International Journal of Geoheritage and Parks, 2022, , .	2.0	3
66	Terrestrial impact craters track the voyage of lithospheric plates. Geological Journal, 2022, 57, 3769-3780.	0.6	3
67	Ultrahigh-density carbonic fluids in ultrahigh-temperature metagabbros from the Palghat-Cauvery Suture Zone, Southern India: Phase equilibria modelling and fluid inclusion study. Lithos, 2022, , 106758.	0.6	0
68	Fluid evolution characteristics and ore genesis in the Jinqu Au deposit, Qinling Orogen, China: Implications for ore genesis. Ore Geology Reviews, 2022, , 104966.	1.1	0
69	Petrogenesis of the Permian granitoids in the western Gonghe basin, NE Tibetan Plateau (China): Implications for the Late Paleozoic tectonic evolution of the Paleo-Tethys Ocean. Lithos, 2022, 426-427, 106778.	0.6	2
70	Major, trace and rare earth elemental geochemistry of Santonianâ€“Campanian onlandâ€offshore transition in a Gilbertâ€type deltaic setting, Cauvery Basin, southern India. Geological Journal, 2022, 57, 3988-4010.	0.6	1
71	Anatomy of Garnet from the Nanminghe Skarn Iron Deposit, China: Implications for Ore Genesis. Minerals (Basel, Switzerland), 2022, 12, 845.	0.8	2
72	Tectonic erosion and deep subduction in Central Tibet: Evidence from the discovery of retrograde eclogites in the Amdo microcontinent. Journal of Metamorphic Geology, 2022, 40, 1545-1572.	1.6	4

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73	Spectrochemical and stable isotopic characteristics of magnesite deposit from Salem, Southern India: CO2 repository through supergene processes. Ore Geology Reviews, 2022, , 105016.	1.1	0
74	Multiâ€stage metamorphism of ultrahighâ€temperature <scp>Mgâ€Al</scp> granulites during Gondwana assembly: Evidence from southern India. Geological Journal, 2022, 57, 4300-4324.	0.6	0
75	Composition and evolution of the continental crust: Retrospect and prospect. Geoscience Frontiers, 2022, 13, 101428.	4.3	5
76	The Columbia supercontinent: Retrospective, status, and a statistical assessment of paleomagnetic poles used in reconstructions. Gondwana Research, 2022, 110, 143-164.	3.0	17
77	Meteorite impact at Ramgarh, India: Petrographic and geochemical evidence, and new geochronological insights. Lithos, 2022, 426-427, 106779.	0.6	4
78	Plate tectonics: What, where, why, and when?. Gondwana Research, 2021, 100, 3-24.	3.0	74
79	Craton and thick lithosphere margins: The sites of giant mineral deposits and mineral provinces. Gondwana Research, 2021, 100, 195-222.	3.0	61
80	Relict hydrocarbon seeps in the <scp>Oligoceneâ€“Miocene</scp> Subis carbonate platform, Malaysia: Implications on hydrocarbon generation and migration pathways and potential sealing by shale gouging. Geological Journal, 2021, 56, 2571-2582.	0.6	4
81	Genesis of high-Ni olivine phenocrysts of the Dali picrites in the Central Emeishan large igneous province. Geological Magazine, 2021, 158, 985-994.	0.9	5
82	Platinum group elements in gabbroic intrusions from the <scp>Valerianovâ€Beltauâ€Kurama</scp> arc: Implications for genesis of the Kalmakyr porphyry Cuâ€“Au deposit. Geological Journal, 2021, 56, 46-59.	0.6	2
83	Neoproterozoic Amdo and Jiayuqiao microblocks in the Tibetan Plateau: Implications for Rodinia reconstruction. Bulletin of the Geological Society of America, 2021, 133, 663-678.	1.6	18
84	Assessment of land degradation using machineâ€learning techniques: A case of declining rangelands. Land Degradation and Development, 2021, 32, 1452-1466.	1.8	33
85	Arsenic contamination of groundwater: A global synopsis with focus on the Indian Peninsula. Geoscience Frontiers, 2021, 12, 101079.	4.3	459
86	Ultramafic xenoliths from aillikites in the Tarim large igneous province: Implications for Alaskan-type affinity and role of subduction. Lithos, 2021, 380-381, 105902.	0.6	2
87	Textural, compositional and isotopic characteristics of pyrite from the Zaozigou gold deposit in West Qinling, China: Implications for gold metallogeny. Ore Geology Reviews, 2021, 130, 103917.	1.1	14
88	Petrology and geochronology of the Yushigou nephrite jade from the North Qilian Orogen, NW China: Implications for subduction-related processes. Lithos, 2021, 380-381, 105894.	0.6	11
89	Cenozoic lithospheric architecture and metallogenesis in Southeastern Tibet. Earth-Science Reviews, 2021, 214, 103472.	4.0	66
90	Mantle heterogeneity and crust-mantle interaction in the Singhbhum craton, India: New evidence from 3340ÂMa komatiites. Lithos, 2021, 382-383, 105931.	0.6	5

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91	Petrogenesis of an Early Permian bimodal intermediateâ€felsic suite in the East Junggar in Central Asian Orogenic Belt and tectonic implications. Geological Journal, 2021, 56, 547-571.	0.6	1
92	Reply to â€˜The complex tale of Mantiqueira and Juiz de Fora: A comment on â€œEoarchean to Neoproterozoic crustal evolution of the Mantiqueira and the Juiz de Fora Complexes, SE Brazil: Petrology, geochemistry, zircon U-Pb geochronology and Lu-Hf isotopesâ€â€™ by K. Cutts and C. Lana. Precambrian Research, 2021, 359, 105469.	1.2	0
93	Desiccation drives the growth of crystalline graphite in the cold mantle wedge: Evidence from the Achankovil Suture Zone, southern India. Geological Journal, 2021, 56, 2906-2918.	0.6	2
94	Spatial prediction of shallow landslide: application of novel rotational forest-based reduced error pruning tree. Geomatics, Natural Hazards and Risk, 2021, 12, 1343-1370.	2.0	15
95	Petrogenesis and tectonic evolution of the Palaeozoic to Mesozoic Niuxinshan granitoids in the North Qilian orogen,<scp>NW</scp>China. Geological Journal, 2021, 56, 3207-3224.	0.6	3
96	Inorganic silicification of ancient carbonate rocks. Journal of Sedimentary Research, 2021, 91, 186-196.	0.8	0
97	Genesis of hydrothermal gold mineralization in the Qianhe deposit, central China: Constraints from in situ sulphur isotope and trace elements of pyrite. Geological Journal, 2021, 56, 3241-3256.	0.6	16
98	Tracking a continental deep subduction and exhumation from granulitized kyanite eclogites in the South Altyn Tagh, northern Qinghai-Tibet Plateau, China. Lithos, 2021, 382-383, 105954.	0.6	2
99	Magma volume and timescales in the formation of porphyry molybdenum deposits: A case study from the Central Asian Orogenic Belt. Lithos, 2021, 382-383, 105951.	0.6	4
100	Revisiting the type area VMS deposit of Besshi, SW Japan: In-situ trace element chemistry, isotopes and Re-Os age of sulfides. Ore Geology Reviews, 2021, 130, 103955.	1.1	9
101	Late Paleoproterozoic post-collisional bimodal magmatism in the North China Craton: Insights from the Miyun gabbro-granite suite. Precambrian Research, 2021, 354, 106084.	1.2	8
102	Porphyry copper and skarn fertility of the northern Qinghai-Tibet Plateau collisional granitoids. Earth-Science Reviews, 2021, 214, 103524.	4.0	21
103	Geochronology and Isotope Geochemistry of the Yingfang Pb-Zn-Ag Deposit: Implications for Large-Scale Metallogeny along the Northern Flank of the North China Craton. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.8	1
104	Tracking Prototethyan assembly felsic magmatic suites in southern Yunnan (SW China): evidence for an Early Ordovicianâ€“Early Silurian arcâ€“back-arc system. Journal of the Geological Society, 2021, 178, .	0.9	14
105	Mid-Neoproterozoic magmatism in the northern margin of the Yangtze Block, South China: Implications for transition from subduction to post-collision. Precambrian Research, 2021, 354, 106073.	1.2	14
106	Central China Orogenic Belt and amalgamation of East Asian continents. Gondwana Research, 2021, 100, 131-194.	3.0	165
107	Mesoarchean (ultra)-high temperature and high-pressure metamorphism along a microblock suture: Evidence from Earth's oldest khondalites in southern India. Gondwana Research, 2021, 91, 129-151.	3.0	25
108	Nanoparticles in fossil and mineral fuel sectors and their impact on environment and human health: A review and perspective. Gondwana Research, 2021, 92, 184-201.	3.0	44

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109	Overview of regional gravity field computation models and application of a novel method in imaging the lithospheric architecture and destruction of the North China Craton. Earth-Science Reviews, 2021, 215, 103548.	4.0	22
110	Landslide susceptibility assessment and mapping using state-of-the art machine learning techniques. Natural Hazards, 2021, 108, 1291-1316.	1.6	27
111	Origin of high-Cr stratiform chromitite in the Fangmayu Alaskan-type ultramafic intrusion, North China Craton. Precambrian Research, 2021, 355, 106096.	1.2	1
112	Magmatism associated with lithospheric thinning, mantle upwelling, and extensional tectonics: Evidence from Carboniferous-Permian dyke swarms and granitoids from Inner Mongolia, Central Asian Orogenic Belt. Lithos, 2021, 386-387, 106004.	0.6	2
113	Submarine basaltic eruptions across the Guadalupian-Lopingian transition in the Emeishan large igneous province: Implication for end-Guadalupian extinction of marine biota. Gondwana Research, 2021, 92, 228-238.	3.0	16
114	Tectonic juxtaposition of plume and subduction derived magmatic sequences in the Bababudan greenstone terrane, western Dharwar Craton, India: Constraining crustal accretion processes in a Neoarchean subduction-collision orogeny. Precambrian Research, 2021, 355, 106097.	1.2	8
115	Metallogenesis and depositional environment of the Archean-Proterozoic carbonaceous phyllites from the Dharwar Craton, India. Ore Geology Reviews, 2021, 131, 103966.	1.1	1
116	Mantle Upwelling Beneath the Cathaysia Block, South China. Tectonics, 2021, 40, e2020TC006447.	1.3	14
117	Tectono-thermal evolution of the Qilian orogenic system: Tracing the subduction, accretion and closure of the Proto-Tethys Ocean. Earth-Science Reviews, 2021, 215, 103547.	4.0	69
118	Ultrahigh-temperature granulites from the southern margin of the Madurai Block, India: Petrology, metamorphic phase equilibria and zircon-monazite Uâ€“Pb geochronology. Lithos, 2021, 388-389, 106070.	0.6	2
119	Late Neoarchean crustal growth under paired continental arc-back arc system in the North China Craton. Geoscience Frontiers, 2021, 12, 101120.	4.3	18
120	Alkaline magmatism on <scp>Neoâ€Tethyan</scp> extensional domains: Evidences from the Gejiu complex in Yunnan, China. Geological Journal, 2021, 56, 4331-4348.	0.6	2
121	Structural and kinematic analysis of Cenozoic rift basins in South China Sea: A synthesis. Earth-Science Reviews, 2021, 216, 103522.	4.0	38
122	Emergence of continents above seaâ€level influences sediment melt composition. Terra Nova, 2021, 33, 465-474.	0.9	5
123	High Baâ€“Sr adakitic charnockite suite from the Nagercoil Block, southern India: Vestiges of Paleoproterozoic arc and implications for Columbia to Gondwana. Geoscience Frontiers, 2021, 12, 101126.	4.3	16
124	Introduction to Geochemistry of Sedimentary Systems: Current trends and applications. Geological Journal, 2021, 56, 2297-2299.	0.6	0
125	Global type area charnockites in southern India revisited: Implications for Earth's oldest supercontinent. Gondwana Research, 2021, 94, 106-132.	3.0	19
126	Neoarcheanâ€Palaeoproterozoic sedimentary basins in the Sarmatian Craton: Global correlations and connections. Geological Journal, 2021, 56, 4479-4498.	0.6	3

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127	Heavy magnesium isotopes in the Gangdese Magmatic Belt: Implications for magmatism in the Mesozoic subduction system of southern Tibet. Lithos, 2021, 390-391, 106106.	0.6	2
128	Late Neoarchean to Paleoproterozoic arc magmatism in the Shandong Peninsula, North China Craton and its tectonic implications. Precambrian Research, 2021, 358, 106188.	1.2	6
129	Conditions and processes leading to large-scale gold deposition in the Jiaodong province, eastern China. Science China Earth Sciences, 2021, 64, 1504-1523.	2.3	29
130	Olivine from aillikites in the Tarim large igneous province as a window into mantle metasomatism and multi-stage magma evolution. American Mineralogist, 2021, 106, 1064-1076.	0.9	5
131	Recycled carbon degassed from the Emeishan plume as the potential driver for the major end-Guadalupian carbon cycle perturbations. Geoscience Frontiers, 2021, 12, 101140.	4.3	9
132	Subduction: The recycling engine room for global metallogeny. Ore Geology Reviews, 2021, 134, 104130.	1.1	21
133	Lithospheric architecture and geodynamics of the Archean Dharwar craton and surrounding terranes: New insights from satellite gravity investigation. Gondwana Research, 2021, 95, 14-28.	3.0	33
134	Rare earth element geochemistry of carbonates as a proxy for deep-time environmental reconstruction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 574, 110443.	1.0	26
135	Bitumen Sm-Nd, pyrite Rb-Sr and zircon U-Pb isotopes constrain timing of ore formation and hydrocarbon deposition in the Erdaokan Ag-Pb-Zn deposit, NE China. Ore Geology Reviews, 2021, 134, 104161.	1.1	1
136	Sâ€Wave Velocity Structure of the Sichuanâ€Yunnan Region, China: Implications for Extrusion of Tibet Plateau and Seismic Activities. Earth and Space Science, 2021, 8, e2021EA001640.	1.1	0
137	Microcontinent subduction and S-type volcanism prior to Indiaâ€“Asia collision. Scientific Reports, 2021, 11, 14882.	1.6	2
138	Landslide Susceptibility Modeling: An Integrated Novel Method Based on Machine Learning Feature Transformation. Remote Sensing, 2021, 13, 3281.	1.8	29
139	Evidence for magma mixing during Triassic magmatism in West Qinling, China: Constraints from petrology, geochemistry, <scp>Uâ€“Pb</scp> zircon geochronology, and <scp>Srâ€“Ndâ€“Hf</scp> isotopic of the Baguashan pluton. Geological Journal, 2021, 56, 5255-5274.	0.6	3
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