

# Santosh M

## 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.

1,279  
papers

49,610  
citations

104  
h-index

165  
g-index

1,380  
ext. papers

56,586  
ext. citations

3.6  
avg, IF

8.43  
L-index

#	Paper	IF	Citations
1279	Apatite as a fingerprint of granite fertility and gold mineralization: Evidence from the Xiaoqinling Goldfield, North China Craton. <i>Ore Geology Reviews</i> , <b>2022</b> , 142, 104720	3.2	0
1278	A Gondwanan micro-fragment adjacent to southern granulite terrane of India: Evidence from satellite gravity studies. <i>Physics of the Earth and Planetary Interiors</i> , <b>2022</b> , 322, 106832	2.3	0
1277	Geochemistry of hydrothermal zircon as a proxy to fingerprint ore fluids in late Mesozoic decratonic gold deposits. <i>Ore Geology Reviews</i> , <b>2022</b> , 143, 104703	3.2	1
1276	Influence of fluid-rock interaction on gold mineralization in the Dongwan deposit, East Qinling, China: Constraints from systematic sulfur isotope and trace element geochemistry. <i>Ore Geology Reviews</i> , <b>2022</b> , 142, 104718	3.2	4
1275	Generation of Nb-enriched mafic rocks and associated adakitic rocks from the southeastern Central Asian Orogenic Belt: Evidence of crust-mantle interaction. <i>Geoscience Frontiers</i> , <b>2022</b> , 13, 101341	6	0
1274	Geology and genesis of auriferous porphyritic monzogranite and its correlation with the Qiyugou porphyry-breccia system in East Qinling, Central China. <i>Ore Geology Reviews</i> , <b>2022</b> , 142, 104709	3.2	2
1273	Distal gold mineralization associated with porphyry system: The case of Hongzhuang and Yuanling deposits, East Qinling, China. <i>Ore Geology Reviews</i> , <b>2022</b> , 142, 104701	3.2	1
1272	Superimposed zinc and gold mineralization in the Dundee iron deposit, western Tianshan, NW China: Constraints from LA-ICP-MS fluid inclusion microanalysis. <i>Ore Geology Reviews</i> , <b>2022</b> , 142, 104713	3.2	0
1271	Petrogenesis of Early Permian basalts in the Turpan-Hami basin, NW China: Implications for the spatial limits of the Tarim mantle plume. <i>Journal of Asian Earth Sciences</i> , <b>2022</b> , 226, 105097	2.8	2
1270	Eocene magmatism in the western Tengchong Block: Implications for crust-mantle interaction associated with the slab rollback of the Neo-Tethys Ocean. <i>Gondwana Research</i> , <b>2022</b> , 106, 259-259	5.1	0
1269	A review of retrieving pristine rare earth element signatures from carbonates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2022</b> , 586, 110765	2.9	5
1268	Gully erosion and climate induced chemical weathering for vulnerability assessment in sub-tropical environment. <i>Geomorphology</i> , <b>2022</b> , 398, 108027	4.3	5
1267	Ediacaran iron formations from the North Qilian Orogenic Belt, China: Age, geochemistry, SmNd isotopes and link with submarine volcanism. <i>Precambrian Research</i> , <b>2022</b> , 368, 106498	3.9	0
1266	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. <i>Ore Geology Reviews</i> , <b>2022</b> , 141, 104667	3.2	1
1265	Microchemical signatures of placer gold grains from the Gamba district, northern Cameroon: Implications for possible bedrock sources. <i>Ore Geology Reviews</i> , <b>2022</b> , 141, 104640	3.2	0
1264	The cold and hot collisional orogens: Thermal regimes and metallogeny of the Alpine versus Himalayan-Tibetan belts. <i>Ore Geology Reviews</i> , <b>2022</b> , 141, 104671	3.2	0
1263	Paleo-Mesoarchean crustal evolution in the Coorg Block, southern India: Insights from magmatic and metamorphic records in mafic granulites. <i>Precambrian Research</i> , <b>2022</b> , 370, 106537	3.9	0

1262	COVID-19 mortality and exposure to airborne PM: A lag time correlation. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 151286	10.2	5
1261	Mineral systems: Their advantages in terms of developing holistic genetic models and for target generation in global mineral exploration. <i>Geosystems and Geoenvironment</i> , <b>2022</b> , 1, 100001		5
1260	The Mesozoic Amdo micro-block and East Asian superconvergent tectonic system. <i>Gondwana Research</i> , <b>2022</b> , 101, 257-277	5.1	1
1259	Paleoproterozoic emplacement and Cambrian ultrahigh-temperature metamorphism of a layered magmatic intrusion from the Central Madurai Block, southern India: From Columbia to Gondwana. <i>Geoscience Frontiers</i> , <b>2022</b> , 13, 101260	6	0
1258	Crustal stabilization: Evidence from the geochemistry and U-Pb detrital zircon geochronology of quartzites from Simlipal Complex, Singhbhum Craton, India. <i>Geoscience Frontiers</i> , <b>2022</b> , 13, 101257	6	3
1257	Fault-controlled carbonate-hosted barite-fluorite mineral systems: The Shuanghe deposit, Yangtze Block, South China. <i>Gondwana Research</i> , <b>2022</b> , 101, 26-43	5.1	7
1256	Mesozoic deformation of the Nadanhada Terrane (NE China) and its implications on the subduction of the Paleo-Pacific Plate. <i>Journal of Asian Earth Sciences</i> , <b>2022</b> , 105166	2.8	1
1255	Evidence for crustal magma chamber associated with metallogeny based on P-wave velocities, South China. <i>Geosystems and Geoenvironment</i> , <b>2022</b> , 100048		0
1254	Meteorite impact craters as hotspots for mineral resources and energy fuels: A global review. <i>Energy Geoscience</i> , <b>2022</b> , 3, 136-146	5.8	1
1253	Subduction-related metallogenesis in China: Preface. <i>Ore Geology Reviews</i> , <b>2022</b> , 104872	3.2	
1252	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. <i>Ore Geology Reviews</i> , <b>2022</b> , 104861	3.2	0
1251	Bastnäsite U-Th-Pb age, sulfur isotope and trace elements of the Huangshuiñ deposit: Implications for carbonate-hosted Mo-Pb-REE mineralization in the Qinling Orogenic Belt, China. <i>Ore Geology Reviews</i> , <b>2022</b> , 143, 104790	3.2	0
1250	Mafic-ultramafic suite from the Karwar Block, SW India: Implications for Mesoarchean geodynamics. <i>Precambrian Research</i> , <b>2022</b> , 372, 106601	3.9	0
1249	The Paleoproterozoic magmatic arc of Trivandrum Block, southern India: From Columbia to Gondwana. <i>Precambrian Research</i> , <b>2022</b> , 372, 106612	3.9	0
1248	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. <i>Precambrian Research</i> , <b>2022</b> , 372, 106610	3.9	1
1247	Indicators of decratonic gold mineralization in the North China Craton. <i>Earth-Science Reviews</i> , <b>2022</b> , 228, 103995	10.2	2
1246	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. <i>Ore Geology Reviews</i> , <b>2022</b> , 144, 104809	3.2	0
1245	Iron and sulfur isotope fractionation during pyrite dissolution-precipitation revealed by in-situ isotopic analyses in the Muping gold deposit (Jiaodong, China). <i>Journal of Asian Earth Sciences</i> , <b>2022</b> , 230, 105217	2.8	0

1244	Geochemistry of basalts in unravelling the mantle processes and crustal evolution: Insights from the greenstone belts of western Dharwar Craton. <i>Geosystems and Geoenvironment</i> , <b>2022</b> , 100070		0
1243	Flood susceptibility mapping using meta-heuristic algorithms. <i>Geomatics, Natural Hazards and Risk</i> , <b>2022</b> , 13, 949-974	3.6	1
1242	Global metallogeny in relation to secular evolution of the Earth and supercontinent cycles. <i>Gondwana Research</i> , <b>2022</b> , 107, 395-422	5.1	0
1241	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 ChenEr gold deposit. <i>Ore Geology Reviews</i> , <b>2022</b> , 145, 104888	3.2	0
1240	Deep ore-forming fluid characteristics of the Jiaodong gold province: Evidence from the Qianchen gold deposit in the Jiaojia gold belt. <i>Ore Geology Reviews</i> , <b>2022</b> , 145, 104911	3.2	1
1239	Cross Orogenic Belts in Central China: Implications for the tectonic and paleogeographic evolution of the East Asian continental collage. <i>Gondwana Research</i> , <b>2022</b> , 109, 18-88	5.1	5
1238	Microplastic atmospheric dustfall pollution in urban environment: Evidence from the types, distribution, and probable sources in Beijing, China.. <i>Science of the Total Environment</i> , <b>2022</b> , 155989	10.2	1
1237	Ultrahigh-density carbonic fluids in ultrahigh-temperature metagabbros from the Palghat-Cauvery Suture Zone, Southern India: Phase equilibria modelling and fluid inclusion study. <i>Lithos</i> , <b>2022</b> , 106758	2.9	
1236	Fluid evolution characteristics and ore genesis in the Jinqu Au deposit, Qinling Orogen, China: Implications for ore genesis. <i>Ore Geology Reviews</i> , <b>2022</b> , 104966	3.2	
1235	Late Mesozoic Huangbeiling S-type granite in the East Qinling Orogen, China: Geochronology, petrogenesis and implications for tectonic evolution. <i>Chemie Der Erde</i> , <b>2021</b> , 125857	4.3	1
1234	Intrusion-related orogenic gold deposit in the East Kunlun belt, NW China: a multiproxy investigation. <i>Ore Geology Reviews</i> , <b>2021</b> , 104550	3.2	1
1233	Regional gravity field distribution over cratonic domains of the Indian shield: Implications for lithospheric evolution and destruction. <i>Geosystems and Geoenvironment</i> , <b>2021</b> , 1, 100010		4
1232	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. <i>Ore Geology Reviews</i> , <b>2021</b> , 140, 104602	3.2	0
1231	Metallogenic factories and resultant highly anomalous mineral endowment on the craton margins of China. <i>Geoscience Frontiers</i> , <b>2021</b> , 13, 101339	6	2
1230	Episodic habitation and abandonment of Neolithic civilization sites in the Vaigai River Basin, Southern India. <i>Geosystems and Geoenvironment</i> , <b>2021</b> , 1, 100007-100007		1
1229	Intracontinental rift-related magmatism in the eastern Emeishan Large Igneous Province traced by zircon oxygen isotopes. <i>Lithos</i> , <b>2021</b> , 106515	2.9	
1228	Acidic fluids in the Earth's lower crust. <i>Scientific Reports</i> , <b>2021</b> , 11, 21146	4.9	0
1227	Neolithic cultural sites and extreme climate related channel avulsion: Evidence from the Vaigai River Basin, southern India. <i>Journal of Archaeological Science: Reports</i> , <b>2021</b> , 40, 103204	0.7	1

1226	Revisiting the type area VMS deposit of Besshi, SW Japan: In-situ trace element chemistry, isotopes and Re-Os age of sulfides. <i>Ore Geology Reviews</i> , <b>2021</b> , 130, 103955	3.2	2
1225	Late Paleoproterozoic post-collisional bimodal magmatism in the North China Craton: Insights from the Miyun gabbro-granite suite. <i>Precambrian Research</i> , <b>2021</b> , 354, 106084	3.9	6
1224	Porphyry copper and skarn fertility of the northern Qinghai-Tibet Plateau collisional granitoids. <i>Earth-Science Reviews</i> , <b>2021</b> , 214, 103524	10.2	8
1223	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. <i>Minerals (Basel, Switzerland)</i> , <b>2021</b> , 11, 353	2.4	1
1222	Tracking Prototethyan assembly felsic magmatic suites in southern Yunnan (SW China): evidence for an Early Ordovician-Early Silurian arc-back-arc system. <i>Journal of the Geological Society</i> , <b>2021</b> , 178, jgs2020-221	2.7	3
1221	Mid-Neoproterozoic magmatism in the northern margin of the Yangtze Block, South China: Implications for transition from subduction to post-collision. <i>Precambrian Research</i> , <b>2021</b> , 354, 106073	3.9	4
1220	Central China Orogenic Belt and amalgamation of East Asian continents. <i>Gondwana Research</i> , <b>2021</b> , 100, 131-131	5.1	43
1219	Mesoarchean (ultra)-high temperature and high-pressure metamorphism along a microblock suture: Evidence from Earth's oldest khondalites in southern India. <i>Gondwana Research</i> , <b>2021</b> , 91, 129-151	5.1	14
1218	Nanoparticles in fossil and mineral fuel sectors and their impact on environment and human health: A review and perspective. <i>Gondwana Research</i> , <b>2021</b> , 92, 184-201	5.1	24
1217	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. <i>Earth-Science Reviews</i> , <b>2021</b> , 215, 103548	10.2	10
1216	Landslide susceptibility assessment and mapping using state-of-the art machine learning techniques. <i>Natural Hazards</i> , <b>2021</b> , 108, 1291-1316	3	10
1215	Origin of high-Cr stratiform chromitite in the Fangmayu Alaskan-type ultramafic intrusion, North China Craton. <i>Precambrian Research</i> , <b>2021</b> , 355, 106096	3.9	1
1214	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. <i>Lithos</i> , <b>2021</b> , 386-387, 106004	2.9	1
1213	Submarine basaltic eruptions across the Guadalupian-Lopingian transition in the Emeishan large igneous province: Implication for end-Guadalupian extinction of marine biota. <i>Gondwana Research</i> , <b>2021</b> , 92, 228-238	5.1	7
1212	Tectonic juxtaposition of plume and subduction derived magmatic sequences in the Bababudan greenstone terrane, western Dharwar Craton, India: Constraining crustal accretion processes in a Neoproterozoic subduction-collision orogeny. <i>Precambrian Research</i> , <b>2021</b> , 355, 106097	3.9	1
1211	Metallogenesis and depositional environment of the Archean-Proterozoic carbonaceous phyllites from the Dharwar Craton, India. <i>Ore Geology Reviews</i> , <b>2021</b> , 131, 103966	3.2	1
1210	Mantle Upwelling Beneath the Cathaysia Block, South China. <i>Tectonics</i> , <b>2021</b> , 40, e2020TC006447	4.3	3
1209	Tectono-thermal evolution of the Qilian orogenic system: Tracing the subduction, accretion and closure of the Proto-Tethys Ocean. <i>Earth-Science Reviews</i> , <b>2021</b> , 215, 103547	10.2	21

1208	Ultrahigh-temperature granulites from the southern margin of the Madurai Block, India: Petrology, metamorphic phase equilibria and zircon-monazite U-Pb geochronology. <i>Lithos</i> , <b>2021</b> , 388-389, 106070	2.9	0
1207	Late Neoproterozoic crustal growth under paired continental arc-back arc system in the North China Craton. <i>Geoscience Frontiers</i> , <b>2021</b> , 12, 101120	6	5
1206	Alkaline magmatism on Neo-Tethyan extensional domains: Evidences from the Gejiu complex in Yunnan, China. <i>Geological Journal</i> , <b>2021</b> , 56, 4331-4348	1.7	0
1205	Structural and kinematic analysis of Cenozoic rift basins in South China Sea: A synthesis. <i>Earth-Science Reviews</i> , <b>2021</b> , 216, 103522	10.2	11
1204	Emergence of continents above sea-level influences sediment melt composition. <i>Terra Nova</i> , <b>2021</b> , 33, 465-474	3	3
1203	High Ba/Br adakitic charnockite suite from the Nagercoil Block, southern India: Vestiges of Paleoproterozoic arc and implications for Columbia to Gondwana. <i>Geoscience Frontiers</i> , <b>2021</b> , 12, 101126	6	6
1202	Introduction to Geochemistry of Sedimentary Systems: Current trends and applications. <i>Geological Journal</i> , <b>2021</b> , 56, 2297-2299	1.7	
1201	Global type area charnockites in southern India revisited: Implications for Earth's oldest supercontinent. <i>Gondwana Research</i> , <b>2021</b> , 94, 106-132	5.1	5
1200	Neoproterozoic-Paleoproterozoic sedimentary basins in the Sarmatian Craton: Global correlations and connections. <i>Geological Journal</i> , <b>2021</b> , 56, 4479-4498	1.7	
1199	Heavy magnesium isotopes in the Gangdese Magmatic Belt: Implications for magmatism in the Mesozoic subduction system of southern Tibet. <i>Lithos</i> , <b>2021</b> , 390-391, 106106	2.9	1
1198	Late Neoproterozoic to Paleoproterozoic arc magmatism in the Shandong Peninsula, North China Craton and its tectonic implications. <i>Precambrian Research</i> , <b>2021</b> , 358, 106188	3.9	1
1197	Conditions and processes leading to large-scale gold deposition in the Jiaodong province, eastern China. <i>Science China Earth Sciences</i> , <b>2021</b> , 64, 1504-1523	4.6	10
1196	Olivine from aillikites in the Tarim large igneous province as a window into mantle metasomatism and multi-stage magma evolution. <i>American Mineralogist</i> , <b>2021</b> , 106, 1064-1076	2.9	2
1195	Recycled carbon degassed from the Emeishan plume as the potential driver for the major end-Guadalupian carbon cycle perturbations. <i>Geoscience Frontiers</i> , <b>2021</b> , 12, 101140	6	4
1194	Subduction: The recycling engine room for global metallogeny. <i>Ore Geology Reviews</i> , <b>2021</b> , 134, 104130	3.2	6
1193	Lithospheric architecture and geodynamics of the Archean Dharwar craton and surrounding terranes: New insights from satellite gravity investigation. <i>Gondwana Research</i> , <b>2021</b> , 95, 14-28	5.1	15
1192	Relict hydrocarbon seeps in the Oligocene-Miocene Subis carbonate platform, Malaysia: Implications on hydrocarbon generation and migration pathways and potential sealing by shale gouging. <i>Geological Journal</i> , <b>2021</b> , 56, 2571-2582	1.7	2
1191	Genesis of high-Ni olivine phenocrysts of the Dali picrites in the Central Emeishan large igneous province. <i>Geological Magazine</i> , <b>2021</b> , 158, 985-994	2	1

1190	Platinum group elements in gabbroic intrusions from the Valerianov-Beltau-Kurama arc: Implications for genesis of the Kalmakyr porphyry Cu-Au deposit. <i>Geological Journal</i> , <b>2021</b> , 56, 46-59	1.7	0
1189	Neoproterozoic Amdo and Jiayuqiao microblocks in the Tibetan Plateau: Implications for Rodinia reconstruction. <i>Bulletin of the Geological Society of America</i> , <b>2021</b> , 133, 663-678	3.9	6
1188	Assessment of land degradation using machine-learning techniques: A case of declining rangelands. <i>Land Degradation and Development</i> , <b>2021</b> , 32, 1452-1466	4.4	11
1187	Arsenic contamination of groundwater: A global synopsis with focus on the Indian Peninsula. <i>Geoscience Frontiers</i> , <b>2021</b> , 12, 101079	6	117
1186	Ultramafic xenoliths from aillikites in the Tarim large igneous province: Implications for Alaskan-type affinity and role of subduction. <i>Lithos</i> , <b>2021</b> , 380-381, 105902	2.9	0
1185	Textural, compositional and isotopic characteristics of pyrite from the Zaozigou gold deposit in West Qinling, China: Implications for gold metallogeny. <i>Ore Geology Reviews</i> , <b>2021</b> , 130, 103917	3.2	6
1184	Petrology and geochronology of the Yushigou nephrite jade from the North Qilian Orogen, NW China: Implications for subduction-related processes. <i>Lithos</i> , <b>2021</b> , 380-381, 105894	2.9	2
1183	Cenozoic lithospheric architecture and metallogenesis in Southeastern Tibet. <i>Earth-Science Reviews</i> , <b>2021</b> , 214, 103472	10.2	17
1182	Mantle heterogeneity and crust-mantle interaction in the Singhbhum craton, India: New evidence from 3340 Ma komatiites. <i>Lithos</i> , <b>2021</b> , 382-383, 105931	2.9	3
1181	Petrogenesis of an Early Permian bimodal intermediate-felsic suite in the East Junggar in Central Asian Orogenic Belt and tectonic implications. <i>Geological Journal</i> , <b>2021</b> , 56, 547-571	1.7	
1180	Reply to The complex tale of Mantiqueira and Juiz de Fora: A comment on Neoproterozoic crustal evolution of the Mantiqueira and the Juiz de Fora Complexes, SE Brazil: Petrology, geochemistry, zircon U-Pb geochronology and Lu-Hf isotopes by K. Cutts and C. Lana. <i>Precambrian Research</i> , <b>2021</b> , 359, 105469	3.9	
1179	Desiccation drives the growth of crystalline graphite in the cold mantle wedge: Evidence from the Achankovil Suture Zone, southern India. <i>Geological Journal</i> , <b>2021</b> , 56, 2906-2918	1.7	0
1178	Spatial prediction of shallow landslide: application of novel rotational forest-based reduced error pruning tree. <i>Geomatics, Natural Hazards and Risk</i> , <b>2021</b> , 12, 1343-1370	3.6	5
1177	Petrogenesis and tectonic evolution of the Palaeozoic to Mesozoic Niuxinshan granitoids in the North Qilian orogen, NW China. <i>Geological Journal</i> , <b>2021</b> , 56, 3207-3224	1.7	1
1176	Inorganic silicification of ancient carbonate rocks. <i>Journal of Sedimentary Research</i> , <b>2021</b> , 91, 186-196	2.1	
1175	Genesis of hydrothermal gold mineralization in the Qianhe deposit, central China: Constraints from in situ sulphur isotope and trace elements of pyrite. <i>Geological Journal</i> , <b>2021</b> , 56, 3241-3256	1.7	12
1174	Tracking a continental deep subduction and exhumation from granulitized kyanite eclogites in the South Altyn Tagh, northern Qinghai-Tibet Plateau, China. <i>Lithos</i> , <b>2021</b> , 382-383, 105954	2.9	2
1173	Magma volume and timescales in the formation of porphyry molybdenum deposits: A case study from the Central Asian Orogenic Belt. <i>Lithos</i> , <b>2021</b> , 382-383, 105951	2.9	4

1172	Rare earth element geochemistry of carbonates as a proxy for deep-time environmental reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2021</b> , 574, 110443	2.9	6
1171	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. <i>Ore Geology Reviews</i> , <b>2021</b> , 134, 104161	3.2	1
1170	S-Wave Velocity Structure of the Sichuan-Yunnan Region, China: Implications for Extrusion of Tibet Plateau and Seismic Activities. <i>Earth and Space Science</i> , <b>2021</b> , 8, e2021EA001640	3.1	
1169	Microcontinent subduction and S-type volcanism prior to India-Asia collision. <i>Scientific Reports</i> , <b>2021</b> , 11, 14882	4.9	1
1168	Landslide Susceptibility Modeling: An Integrated Novel Method Based on Machine Learning Feature Transformation. <i>Remote Sensing</i> , <b>2021</b> , 13, 3281	5	11
1167	Evidence for magma mixing during Triassic magmatism in West Qinling, China: Constraints from petrology, geochemistry, U-Pb zircon geochronology, and Sr-Nd-Hf isotopic of the Baguashan pluton. <i>Geological Journal</i> , <b>2021</b> , 56, 5255	1.7	
1166	Land surface temperature and vegetation index as a proxy to microclimate. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 105796	6.8	7
1165	Yanshanian mineralization and geodynamic evolution in the Western Pacific Margin: A review of metal deposits of Zhejiang Province, China. <i>Ore Geology Reviews</i> , <b>2021</b> , 135, 104216	3.2	
1164	Magmatic and metamorphic evolution of a layered gabbro-anorthosite complex from the Coorg Block, southern India: Implications for Mesoarchean suprasubduction zone process. <i>Gondwana Research</i> , <b>2021</b> ,	5.1	3
1163	Crust-mantle structure and lithospheric destruction of the oldest craton in the Indian shield. <i>Precambrian Research</i> , <b>2021</b> , 362, 106280	3.9	5
1162	Ocean Plate Stratigraphy of a long-lived Precambrian subduction-accretion system: The Wutai Complex, North China Craton. <i>Precambrian Research</i> , <b>2021</b> , 363, 106334	3.9	4
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