

# Weidong Sun

## List of Publications by Year in descending order

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182  
papers

7,760  
citations

53751

45  
h-index

58549

82  
g-index

189  
all docs

189  
docs citations

189  
times ranked

3834  
citing authors

#	ARTICLE	IF	CITATIONS
1	The golden transformation of the Cretaceous plate subduction in the west Pacific. <i>Earth and Planetary Science Letters</i> , 2007, 262, 533-542.	1.8	666
2	Porphyry deposits and oxidized magmas. <i>Ore Geology Reviews</i> , 2015, 65, 97-131.	1.1	420
3	Release of gold-bearing fluids in convergent margin magmas prompted by magnetite crystallization. <i>Nature</i> , 2004, 431, 975-978.	13.7	293
4	Ridge subduction and porphyry copper-gold mineralization: An overview. <i>Science China Earth Sciences</i> , 2010, 53, 475-484.	2.3	264
5	Deep carbon cycles constrained by a large-scale mantle Mg isotope anomaly in eastern China. <i>National Science Review</i> , 2017, 4, 111-120.	4.6	240
6	Timing of Synorogenic Granitoids in the South Qinling, Central China: Constraints on the Evolution of the Qinling-Dabie Orogenic Belt. <i>Journal of Geology</i> , 2002, 110, 457-468.	0.7	216
7	The genetic association of adakites and Cu-Au ore deposits. <i>International Geology Review</i> , 2011, 53, 691-703.	1.1	202
8	The formation of the Dabaoshan porphyry molybdenum deposit induced by slab rollback. <i>Lithos</i> , 2012, 150, 101-110.	0.6	183
9	Carboniferous and Triassic eclogites in the western Dabie Mountains, east-central China: evidence for protracted convergence of the North and South China Blocks. <i>Journal of Metamorphic Geology</i> , 2002, 20, 873-886.	1.6	182
10	Mesozoic large magmatic events and mineralization in SE China: oblique subduction of the Pacific plate. <i>International Geology Review</i> , 2011, 53, 704-726.	1.1	178
11	Partitioning of Nb and Ta between rutile and felsic melt and the fractionation of Nb/Ta during partial melting of hydrous metabasalt. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1673-1692.	1.6	143
12	Enhanced mantle-to-crust rhenium transfer in undegassed arc magmas. <i>Nature</i> , 2003, 422, 294-297.	13.7	131
13	Automated detection and classification of thyroid nodules in ultrasound images using clinical-knowledge-guided convolutional neural networks. <i>Medical Image Analysis</i> , 2019, 58, 101555.	7.0	131
14	Generation of Late Mesozoic Qianlishan A 2 -type granite in Nanling Range, South China: Implications for Shizhuyuan W-Sn mineralization and tectonic evolution. <i>Lithos</i> , 2016, 266-267, 435-452.	0.6	130
15	Different origins of adakites from the Dabie Mountains and the Lower Yangtze River Belt, eastern China: geochemical constraints. <i>International Geology Review</i> , 2011, 53, 727-740.	1.1	123
16	Super-Resolution Based on Compressive Sensing and Structural Self-Similarity for Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 4864-4876.	2.7	113
17	Making continental crust through slab melting: Constraints from niobium-tantalum fractionation in UHP metamorphic rutile. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4770-4782.	1.6	111
18	Geology, geochemistry, and genesis of Axi: A Paleozoic low-sulfidation type epithermal gold deposit in Xinjiang, China. <i>Ore Geology Reviews</i> , 2009, 36, 265-281.	1.1	101

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19	Mid-paleozoic collision in the north Qinling: Sm-Nd, Rb-Sr and 40 Ar/ 39 Ar ages and their tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2002, 21, 69-76.	1.0	100
20	Geochronological and geochemical constraints on formation of the Tongling metal deposits, middle Yangtze metallogenic belt, east-central China. <i>International Geology Review</i> , 2009, 51, 388-421.	1.1	98
21	Constancy of Nb/U in the mantle revisited. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 3542-3549.	1.6	90
22	Geochemical and zircon U-Pb study of the Huangmeijian A-type granite: implications for geological evolution of the Lower Yangtze River belt. <i>International Geology Review</i> , 2011, 53, 499-525.	1.1	90
23	Early Cretaceous dioritic rocks in the Tongling region, eastern China: Implications for the tectonic settings. <i>Lithos</i> , 2012, 150, 49-61.	0.6	89
24	Distinguishing Cloud and Snow in Satellite Images via Deep Convolutional Network. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 1785-1789.	1.4	89
25	Destruction of the North China Craton Induced by Ridge Subductions. <i>Journal of Geology</i> , 2013, 121, 197-213.	0.7	88
26	Initiation and evolution of the South China Sea: an overview. <i>Acta Geochimica</i> , 2016, 35, 215-225.	0.7	88
27	Partitioning of copper between olivine, orthopyroxene, clinopyroxene, spinel, garnet and silicate melts at upper mantle conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 125, 1-22.	1.6	87
28	Experimental constraints on rutile saturation during partial melting of metabasalt at the amphibolite to eclogite transition, with applications to TTC genesis. <i>American Mineralogist</i> , 2009, 94, 1175-1186.	0.9	86
29	Partial melting of subducted paleo-Pacific plate during the early Cretaceous: Constraint from adakitic rocks in the Shaxi porphyry Cu-Au deposit, Lower Yangtze River Belt. <i>Lithos</i> , 2016, 262, 651-667.	0.6	78
30	Evidence for rhenium enrichment in the mantle wedge from submarine arc-like volcanic glasses (Papua New Guinea). <i>Geology</i> , 2003, 31, 845.	2.0	76
31	The mechanism of Re enrichment in arc magmas: evidence from Lau Basin basaltic glasses and primitive melt inclusions. <i>Earth and Planetary Science Letters</i> , 2004, 222, 101-114.	1.8	75
32	Monazite, iron oxide and barite exsolutions in apatite aggregates from CCSD drillhole eclogites and their geological implications. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2896-2905.	1.6	71
33	Large-scale gold mineralization in eastern China induced by an Early Cretaceous clockwise change in Pacific plate motions. <i>International Geology Review</i> , 2013, 55, 311-321.	1.1	71
34	The formation of porphyry copper deposits. <i>Acta Geochimica</i> , 2017, 36, 9-15.	0.7	71
35	Natural and experimental constraints on formation of the continental crust based on niobium-tantalum fractionation. <i>International Geology Review</i> , 2009, 51, 473-501.	1.1	65
36	The formation of the Late Cretaceous Xishan Sn-W deposit, South China: Geochronological and geochemical perspectives. <i>Lithos</i> , 2017, 290-291, 253-268.	0.6	60

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37	Marine Carbonate Component in the Mantle Beneath the Southeastern Tibetan Plateau: Evidence From Magnesium and Calcium Isotopes. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 9729-9744.	1.4	60
38	Classification of thyroid nodules in ultrasound images using deep model based transfer learning and hybrid features. , 2017, , .		59
39	Indosinian isotope ages of plutons and deposits in southwestern Miaoershan-Yuechengling, northeastern Guangxi and implications on Indosinian mineralization in South China. <i>Science Bulletin</i> , 2012, 57, 1024-1035.	1.7	58
40	Petrogenesis and mineralization of the Fenghuangshan skarn Cu-Au deposit, Tongling ore cluster field, Lower Yangtze metallogenic belt. <i>Ore Geology Reviews</i> , 2014, 58, 148-162.	1.1	56
41	Denosing of Hyperspectral Images Using Group Low-Rank Representation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 4420-4427.	2.3	55
42	Adakitic rocks associated with the Shilu copper-molybdenum deposit in the Yangchun Basin, South China, and their tectonic implications. <i>Acta Geochimica</i> , 2017, 36, 132-150.	0.7	55
43	Petrology, geochemistry, and tectonic significance of Mesozoic shoshonitic volcanic rocks, Luzong volcanic basin, eastern China. <i>International Geology Review</i> , 2012, 54, 714-736.	1.1	53
44	Calcium Isotopic Compositions of Normal Mid-Ocean Ridge Basalts From the Southern Juan de Fuca Ridge. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 1303-1313.	1.4	53
45	Major transition of continental basalts in the Early Cretaceous: Implications for the destruction of the North China Craton. <i>Chemical Geology</i> , 2017, 470, 93-106.	1.4	51
46	The Permian-Triassic granitoids in Bayan Obo, North China Craton: A geochemical and geochronological study. <i>Lithos</i> , 2014, 190-191, 430-439.	0.6	46
47	A Middle Silurian-Early Devonian Magmatic Arc in the Qinling Mountains of Central China: A Discussion. <i>Journal of Geology</i> , 1996, 104, 501-503.	0.7	43
48	Recycling of subducted upper continental crust: Constraints on the extensive molybdenum mineralization in the Qinling-Dabie orogen. <i>Ore Geology Reviews</i> , 2017, 81, 451-465.	1.1	41
49	Geochronology of the Xihuashan Tungsten Deposit in Southeastern China: Constraints from Re-Os and U-Pb Dating. <i>Resource Geology</i> , 2011, 61, 414-423.	0.3	40
50	Major Nb/Ta Fractionation Recorded in Garnet Amphibolite Facies Metagabbro. <i>Journal of Geology</i> , 2013, 121, 255-274.	0.7	38
51	The genesis of sandstone-type uranium deposits in the Ordos Basin, NW China: constraints provided by fluid inclusions and stable isotopes. <i>International Geology Review</i> , 2009, 51, 422-455.	1.1	36
52	Comparative geochemical study of scheelite from the Shizhuyuan and Xianglushan tungsten skarn deposits, South China: Implications for scheelite mineralization. <i>Ore Geology Reviews</i> , 2019, 109, 448-464.	1.1	36
53	Occurrence of Halogenated Organic Pollutants in Hadal Trenches of the Western Pacific Ocean. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15821-15828.	4.6	36
54	The big mantle wedge and decratonic gold deposits. <i>Science China Earth Sciences</i> , 2021, 64, 1451-1462.	2.3	36

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55	Petrogenesis and metallogenic implications of Late Mesozoic intrusive rocks in the Tongling region, eastern China: a case study and perspective review. <i>International Geology Review</i> , 2018, 60, 1361-1380.	1.1	35
56	Exhumation of the Dahinggan Mountains, NE China from the Late Mesozoic to the Cenozoic: New evidence from fission-track thermochronology. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 123-133.	1.0	33
57	Super-resolution mapping via multi-dictionary based sparse representation. , 2014, , .		33
58	Hyperspectral and Multispectral Image Fusion Using Cluster-Based Multi-Branch BP Neural Networks. <i>Remote Sensing</i> , 2019, 11, 1173.	1.8	33
59	Early Cretaceous adakite from the Atlas porphyry Cu-Au deposit in Cebu Island, Central Philippines: Partial melting of subducted oceanic crust. <i>Ore Geology Reviews</i> , 2019, 110, 102937.	1.1	32
60	Hyperspectral and Multispectral Image Fusion Using Optimized Twin Dictionaries. <i>IEEE Transactions on Image Processing</i> , 2020, 29, 4709-4720.	6.0	32
61	Geochronological and geochemical constraints on genesis of the adakitic rocks in Outang, South Tanâ€Lu Fault Belt (Northeastern Yangtze Block). <i>Tectonophysics</i> , 2014, 626, 86-104.	0.9	31
62	Slab break-off model for the Triassic syn-collisional granites in the Qinling orogenic belt, Central China: Zircon U-Pb age and Hf isotope constraints. <i>International Geology Review</i> , 2015, 57, 492-507.	1.1	31
63	Plate subduction, oxygen fugacity, and mineralization. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 64-74.	0.6	31
64	Evaluation of a deep learningâ€based computerâ€aided diagnosis system for distinguishing benign from malignant thyroid nodules in ultrasound images. <i>Medical Physics</i> , 2020, 47, 3952-3960.	1.6	31
65	Emplacement age of the Songshugou ultramafic massif in the Qinling orogenic belt, and geologic implications. <i>International Geology Review</i> , 2009, 51, 58-76.	1.1	29
66	U-Pb and Re-Os Geochronology of the Tongcun Molybdenum Deposit and Zhilingtou Gold-Silver Deposit in Zhejiang Province, Southeast China, and Its Geological Implications. <i>Resource Geology</i> , 2013, 63, 99-109.	0.3	29
67	Petrogenesis and tectonic implications of late Mesozoic granitoids in southern Anhui Province, southeastern China. <i>International Geology Review</i> , 2017, 59, 1804-1826.	1.1	29
68	Geochemical constraints on genesis of Paleoproterozoic A-type granite in the south margin of North China Craton. <i>Lithos</i> , 2018, 304-307, 489-500.	0.6	29
69	Calcium isotopic fractionation during plate subduction: Constraints from back-arc basin basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 379-393.	1.6	29
70	PGE geochemistry and Reâ€Os dating of massive sulfide ores from the Baimazhai Cuâ€Ni deposit, Yunnan province, China. <i>Lithos</i> , 2008, 105, 12-24.	0.6	28
71	The production of iron oxide during peridotite serpentinization: Influence of pyroxene. <i>Geoscience Frontiers</i> , 2017, 8, 1311-1321.	4.3	28
72	Source of ore-forming fluids of the Yangshan gold field, western Qinling orogen, China: Evidence from microthermometry, noble gas isotopes and in situ sulfur isotopes of Au-carrying pyrite. <i>Ore Geology Reviews</i> , 2019, 105, 404-422.	1.1	28

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73	Enhanced net formations of nitrous oxide and methane underneath the frozen soil in Sanjiang wetland, northeastern China. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	27
74	The formation of the giant Huayangchuan U-Nb deposit associated with carbonatite in the Qingling Orogenic Belt. <i>Ore Geology Reviews</i> , 2020, 122, 103498.	1.1	27
75	Early Cretaceous adakitic rocks in the Anqing region, southeastern China: constraints on petrogenesis and metallogenic significance. <i>International Geology Review</i> , 2018, 60, 1435-1452.	1.1	25
76	Influence of pyroxene and spinel on the kinetics of peridotite serpentinization. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 7111-7126.	1.4	23
77	Geochronological and geochemical constraints on the formation of Chizhou Cu-Mo polymetallic deposits, middle and lower Yangtze metallogenic belt, eastern China. <i>Ore Geology Reviews</i> , 2019, 109, 322-347.	1.1	23
78	Zircon U-Pb ages of granites at Changba and Huangzhuguan in western Qinling and implications for source nature. <i>Science Bulletin</i> , 2011, 56, 659-669.	1.7	22
79	“Yanshanian Movement” induced by the westward subduction of the paleo-Pacific plate. <i>Solid Earth Sciences</i> , 2020, 5, 103-114.	0.8	22
80	Minimum distance constrained non-negative matrix factorization for the endmember extraction of hyperspectral images. <i>Proceedings of SPIE</i> , 2007, . .	0.8	20
81	Geochemical studies on Permian manganese deposits in Guichi, eastern China: Implications for their origin and formative environments. <i>Journal of Asian Earth Sciences</i> , 2013, 74, 155-166.	1.0	20
82	The Late Mesozoic granodiorite and polymetallic mineralization in southern Anhui Province, China: A perspective from apatite geochemistry. <i>Solid Earth Sciences</i> , 2019, 4, 178-189.	0.8	20
83	Mineralogical study of sediment-hosted gold deposits in the Yangshan ore field, Western Qinling Orogen, Central China. <i>Journal of Asian Earth Sciences</i> , 2014, 85, 40-52.	1.0	19
84	Early Cretaceous high-Mg adakites associated with Cu-Au mineralization in the Cebu Island, Central Philippines: Implication for partial melting of the paleo-Pacific Plate. <i>Ore Geology Reviews</i> , 2017, 88, 251-269.	1.1	19
85	Reconstruction From Multispectral to Hyperspectral Image Using Spectral Library-Based Dictionary Learning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 1325-1335.	2.7	19
86	Biogenic nitric oxide emission from saline sodic soils in a semiarid region, northeastern China: A laboratory study. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	18
87	Geochronology and geochemistry of the Late Cretaceous Xinpeng granitic intrusion, South China: Implication for Sn-W mineralization. <i>Ore Geology Reviews</i> , 2019, 113, 103075.	1.1	18
88	A new model for porphyry W mineralization in a world-class tungsten metallogenic belt. <i>Ore Geology Reviews</i> , 2019, 107, 501-512.	1.1	18
89	Plate convergence in the Indo-Pacific region. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 1008-1017.	0.6	18
90	Plume-ridge interaction induced migration of the Hawaiian-Emperor seamounts. <i>Science Bulletin</i> , 2021, . .	4.3	18

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91	The longevity of subcontinental lithospheric mantle beneath Jiangsu-Anhui Region. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 1110-1118.	0.9	17
92	Geochemistry of pyrite from stratabound massive sulfide deposits, Tongling region, China: Implication for their genesis. <i>Ore Geology Reviews</i> , 2020, 120, 103430.	1.1	17
93	Geochemistry of sulfide minerals from skarn Cu (Au) deposits in the Fenghuangshan ore field, Tongling, eastern China: Insights into ore-forming process. <i>Ore Geology Reviews</i> , 2020, 122, 103537.	1.1	17
94	The genetic association of adakites and Cu-Au ore deposits': a reply. <i>International Geology Review</i> , 2012, 54, 370-372.	1.1	16
95	Subduction and ore deposits. <i>International Geology Review</i> , 2015, 57, iii-vi.	1.1	16
96	Olivine versus peridotite during serpentinization: Gas formation. <i>Science China Earth Sciences</i> , 2015, 58, 2165-2174.	2.3	16
97	Feature selection and thyroid nodule classification using transfer learning. , 2017, , .		16
98	Thermodynamic and Elastic Properties of Magnesite at Mantle Conditions: First-Principles Calculations. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2719-2731.	1.0	16
99	Calcium isotopic fractionation during magma differentiation: Constraints from volcanic glasses from the eastern Manus Basin. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 305, 228-242.	1.6	16
100	Pb isotopes of granitoids suggest Devonian accretion of Yangtze (South China) craton to North China craton: Comment and Reply. <i>Geology</i> , 1998, 26, 859.	2.0	15
101	Crystal fractionation of granitic magma during its non-transport processes: A physics-based perspective. <i>Science China Earth Sciences</i> , 2018, 61, 190-204.	2.3	15
102	Melt-Fluxed Melting of the Heterogeneously Mixed Lower Arc Crust: A Case Study from the Qinling Orogenic Belt, Central China. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1767-1788.	1.0	15
103	Early cretaceous transformation from Pacific to Neo-Tethys subduction in the SW Pacific Ocean: Constraints from Pb-Sr-Nd-Hf isotopes of the Philippine arc. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 285, 21-40.	1.6	15
104	Osmium isotope determination on mantle-derived peridotite xenoliths from Panshishan with N-TIMS. <i>Science Bulletin</i> , 1998, 43, 573-575.	1.7	13
105	Re-Os Dating of Sulfides from the Volcanogenic Massive Sulfide Deposit at Gacun, Southwestern China. <i>Resource Geology</i> , 2003, 53, 305-310.	0.3	13
106	Fluids, Metals, and Mineral/Ore Deposits. <i>Geofluids</i> , 2018, 2018, 1-6.	0.3	13
107	High oxygen fugacity magma: implication for the destruction of the North China Craton. <i>Acta Geochimica</i> , 2020, 39, 161-171.	0.7	13
108	Super-resolution hyperspectral imaging with unknown blurring by low-rank and group-sparse modeling. , 2014, , .		12



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109	New discrimination diagrams for basalts based on big data research. <i>Big Earth Data</i> , 2019, 3, 45-55.	2.0	12
110	Group-based hyperspectral image denoising using low rank representation. , 2015, , .		11
111	Decratonic gold deposits: a new concept and new opportunities. <i>National Science Review</i> , 2015, 2, 248-249.	4.6	11
112	Influence of temperature, pressure, and fluid salinity on the distribution of chlorine into serpentine minerals. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 101-110.	1.0	11
113	Three late-Mesozoic fluorite deposit belts in southeast China and links to subduction of the (paleo-) Pacific plate. <i>Ore Geology Reviews</i> , 2021, 129, 103865.	1.1	11
114	Large iron isotope fractionation during mantle wedge serpentinization: Implications for iron isotopes of arc magmas. <i>Earth and Planetary Science Letters</i> , 2022, 583, 117423.	1.8	11
115	A Small and Lightweight Autonomous Laser Mapping System without GPS. <i>Journal of Field Robotics</i> , 2013, 30, 784-802.	3.2	10
116	Feature Extraction for Hyperspectral Images Using Low-Rank Representation With Neighborhood Preserving Regularization. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 836-840.	1.4	10
117	Spectral Super-resolution for RGB Images using Class-based BP Neural Networks. , 2018, , .		10
118	Thyroid Nodule Detection in Ultrasound Images with Convolutional Neural Networks. , 2019, , .		10
119	Effect of pressure on the kinetics of peridotite serpentinization. <i>Physics and Chemistry of Minerals</i> , 2020, 47, 1.	0.3	10
120	High-precision U-series dating of Holocene corals from South China Sea by thermal ionization mass spectrometry (TIMS). <i>Science Bulletin</i> , 1999, 44, 937-941.	1.7	9
121	A new optimal seam selection method for airborne image stitching. , 2009, , .		9
122	Superresolution Mapping Using Multiple Dictionaries by Sparse Representation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 2055-2059.	1.4	9
123	Origin of Early Cretaceous Guandian adakitic pluton in central eastern China: partial melting of delaminated lower continental crust triggered by ridge subduction. <i>International Geology Review</i> , 2018, 60, 1707-1720.	1.1	9
124	Rhenium enrichment in the northwest Pacific arc. <i>Ore Geology Reviews</i> , 2019, 115, 103176.	1.1	9
125	Influence of pH on Molecular Hydrogen (H <sub>2</sub> ) Generation and Reaction Rates during Serpentinization of Peridotite and Olivine. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 661.	0.8	9
126	Investigation of an oceanic plateau formation and rifting initiation model implied by the Caroline Ridge on the Caroline Plate, western Pacific. <i>International Geology Review</i> , 2021, 63, 193-207.	1.1	9



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127	Boron, arsenic and antimony recycling in subduction zones: New insights from interactions between forearc serpentinites and CO <sub>2</sub> -rich fluids at the slab-mantle interface. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 298, 21-42.	1.6	9
128	Nd isotopic disequilibrium between minerals and Rb-Sr age of the secondary phengite in eclogite from the Yangkou area, Qingdao, eastern China. <i>Science Bulletin</i> , 2001, 46, 252-255.	1.7	8
129	The fluxes and controlling factors of N <sub>2</sub> O and CH <sub>4</sub> emissions from freshwater marsh in Northeast China. <i>Science China Earth Sciences</i> , 2010, 53, 700-709.	2.3	8
130	The Lamandau IOCG deposit, southwestern Kalimantan Island, Indonesia: Evidence for its formation from geochronology, mineralogy, and petrogenesis of igneous host rocks. <i>Ore Geology Reviews</i> , 2015, 68, 43-58.	1.1	8
131	Palaeoarchaeon materials in the Tibetan Plateau indicated by zircon. <i>International Geology Review</i> , 2018, 60, 1061-1072.	1.1	8
132	MORB-like $\delta^{56}\text{Fe}$ values unveil the effect of subduction on the South China Sea basalts. <i>Chemical Geology</i> , 2021, 569, 120124.	1.4	8
133	Geochemistry and genesis of the Nadun Nb-enriched arc basalt in the Duolong mineral district, western Tibet: Indication of ridge subduction. <i>Geoscience Frontiers</i> , 2022, 13, 101283.	4.3	8
134	Study on the Geolocation Algorithm of Space-Borne SAR Image. <i>Lecture Notes in Computer Science</i> , 2006, , 270-280.	1.0	7
135	Automatic analysis of the slight change image for unsupervised change detection. <i>Journal of Applied Remote Sensing</i> , 2015, 9, 095995.	0.6	7
136	Ship wake detection for SAR images with complex backgrounds based on morphological dictionary learning. , 2016, , .		7
137	Unsupervised feature extraction for hyperspectral images using combined low rank representation and locally linear embedding. , 2017, , .		7
138	Jurassic and Cretaceous (Yanshanian) tectonics, magmatism and metallogenesis in South China: preface. <i>International Geology Review</i> , 2018, 60, 1321-1325.	1.1	7
139	Calcium isotopic signatures of depleted mid-ocean ridge basalts from the northeastern Pacific. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 1476-1487.	0.6	7
140	A Spectral-Spatial Jointed Spectral Super-Resolution and Its Application to HJ-1A Satellite Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	7
141	The Rotation of the Pacific Plate Induced by the Ontong Java Large Igneous Province. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 544-551.	1.1	7
142	Effect of F-Rich Fluids on the A-Type Magmatism and Related Metal Mobilization: New Insights from the Fogang-Nankunshan-Yajishan Igneous Rocks in Southeast China. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 544-551.		7
143	Genesis and mineralization potential of the Late Cretaceous Chemen granodioritic intrusion in the southern Gangdese magmatic belt, Tibet. <i>Journal of Asian Earth Sciences</i> , 2021, 217, 104829.	1.0	6
144	The initiation of plate subduction. <i>Solid Earth Sciences</i> , 2017, 2, 89-90.	0.8	5

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145	Blind image deblurring based on sparse representation and structural self-similarity. , 2017, , .		5
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