Thomas J Algeo

List of Publications by Year
in descending order

267 papers	22,217 citations	12330 69 h-index	10445 139 g-index
278 all docs	278 docs citations	278 times ranked	7547 citing authors

#	Article	IF	Citations
1	Onset of environmental disturbances in the Panthalassic Ocean over one million years prior to the Triassic-Jurassic boundary mass extinction. Earth-Science Reviews, 2022, 224, 103870.	9.1	8
2	Pedogenic-weathering evolution and soil discrimination by sensor fusion combined with machine-learning-based spectral modeling. Geoderma, 2022, 409, 115648.	5.1	1
3	Intensified continental chemical weathering and carbon-cycle perturbations linked to volcanism during the Triassicâ€“Jurassic transition. Nature Communications, 2022, 13, 299.	12.8	49
4	A â^¼460-Ma-long, high-resolution record of Ediacaran paleotemperature. Science Bulletin, 2022, 67, 910-913.	9.0	5
5	Fusion of visible nearâ€infrared and midâ€infrared data for modelling key soilâ€forming processes in loess soils. European Journal of Soil Science, 2022, 73, .	3.9	2
6	Kerogen-specific isotope variations during the end-Permian mass extinction in South China. Earth-Science Reviews, 2022, 226, 103912.	9.1	1
7	Boron proxies record paleosalinity variation in the North American Midcontinent Sea in response to Carboniferous glacio-eustasy. Geology, 2022, 50, 537-541.	4.4	13
8	Sustained Deep Pacific Carbon Storage After the Midâ€Pleistocene Transition Linked to Enhanced Southern Ocean Stratification. Geophysical Research Letters, 2022, 49, .	4.0	4
9	Mercury isotope evidence for regional volcanism during the Frasnian-Famennian transition. Earth and Planetary Science Letters, 2022, 581, 117412.	4.4	20
10	Major Early-Middle Devonian oceanic oxygenation linked to early land plant evolution detected using high-resolution U isotopes of marine limestones. Earth and Planetary Science Letters, 2022, 581, 117410.	4.4	20
11	Episodic massive release of methane during the mid-Cretaceous greenhouse. Bulletin of the Geological Society of America, 2022, 134, 2958-2970.	3.3	4
12	Mercury evidence for combustion of organic-rich sediments during the end-Triassic crisis. Nature Communications, 2022, 13, 1307.	12.8	30
13	Linkage of the late Cambrian microbe-metazoan transition (MMT) to shallow-marine oxygenation during the SPICE event. Global and Planetary Change, 2022, 213, 103798.	3.5	12
14	Deep-ocean anoxia across the Pliensbachian-Toarcian boundary and the Toarcian Oceanic Anoxic Event in the Panthalassic Ocean. Global and Planetary Change, 2022, 212, 103782.	3.5	14
15	Application of ostracod-based carbonate clumped-isotope thermometry to paleo-elevation reconstruction in a hydrologically complex setting: A case study from the northern Tibetan Plateau. Gondwana Research, 2022, 107, 73-83.	6.0	4
16	Assessing bulk carbonates as archives for seawater sulfur isotopic composition using shallow water cores from the South China Sea. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 598, 111029.	2.3	6
17	A massive magmatic degassing event drove the Late Smithian Thermal Maximum and Smithianâ€“Spathian boundary mass extinction. Global and Planetary Change, 2022, 215, 103878.	3.5	9
18	A general ore formation model for metasediment-hosted Sb-(Au-W) mineralization of the Woxi and Banxi deposits in South China. Chemical Geology, 2022, 607, 121020.	3.3	21

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19	Monsoon- and ENSO-driven surface-water pCO2 variation in the tropical West Pacific since the Last Glacial Maximum. Quaternary Science Reviews, 2022, 289, 107621.	3.0	4
20	The Triassicâ€“Jurassic transition â€“ A review of environmental change at the dawn of modern life. Earth-Science Reviews, 2022, 232, 104099.	9.1	10
21	Changes in productivity associated with algal-microbial shifts during the Early Triassic recovery of marine ecosystems. Bulletin of the Geological Society of America, 2021, 133, 362-378.	3.3	19
22	Biomarker evidence of algal-microbial community changes linked to redox and salinity variation, Upper Devonian Chattanooga Shale (Tennessee, USA). Bulletin of the Geological Society of America, 2021, 133, 409-424.	3.3	25
23	Ore genesis of the Baishawo Be-Li-Nb-Ta deposit in the northeast Hunan Province, south China: Evidence from geological, geochemical, and U-Pb and Re-Os geochronologic data. Ore Geology Reviews, 2021, 129, 103895.	2.7	16
24	Mercury fluxes record regional volcanism in the South China craton prior to the end-Permian mass extinction. Geology, 2021, 49, 452-456.	4.4	57
25	Mineralogy, Geochemistry, and Genesis of Kaolinitic Claystone Deposits in the Datong Coalfield, Northern China. Clays and Clay Minerals, 2021, 69, 68-93.	1.3	9
26	Conodont calcium isotopic evidence for multiple shelf acidification events during the Early Triassic. Chemical Geology, 2021, 562, 120038.	3.3	28
27	Novel watermass reconstruction in the Early Mississippian Appalachian Seaway based on integrated proxy records of redox and salinity. Earth and Planetary Science Letters, 2021, 558, 116746.	4.4	15
28	Origin of dioctahedral smectites in Lower Eocene Lulehe Formation paleosols (Qaidam Basin, China). Applied Clay Science, 2021, 203, 106026.	5.2	7
29	Copper isotope evidence of particulate shuttle dynamics in the Late Pennsylvanian North American Midcontinent Sea, with implications for glacio-eustatic magnitude. Geochimica Et Cosmochimica Acta, 2021, 297, 1-23.	3.9	5
30	Spatial heterogeneity of redox-sensitive trace metal enrichments in upper Ediacaran anoxic black shales. Journal of the Geological Society, 2021, 178, .	2.1	8
31	Formation of plinthite mediated by redox fluctuations and chemical weathering intensity in a Quaternary red soil, southern China. Geoderma, 2021, 386, 114924.	5.1	10
32	Control of V accumulation in organic-rich shales by clay-organic nanocomposites. Chemical Geology, 2021, 567, 120100.	3.3	15
33	The geochemical behavior of molybdenum in the modern Yangtze Estuary and East China Sea shelf. Journal of Hydrology, 2021, 595, 125997.	5.4	5
34	A benthic oxygen oasis in the early Neoproterozoic ocean. Precambrian Research, 2021, 355, 106085.	2.7	13
35	Hydrocarbon compound evidence in marine successions of South China for frequent wildfires during the Permian-Triassic transition. Global and Planetary Change, 2021, 200, 103472.	3.5	7
36	Periodic oceanic euxinia and terrestrial fluxes linked to astronomical forcing during the Late Devonian Frasnianâ€“Famennian mass extinction. Earth and Planetary Science Letters, 2021, 562, 116839.	4.4	29

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37	Development of carbonate-associated phosphate (CAP) as a proxy for reconstructing ancient ocean phosphate levels. Geochimica Et Cosmochimica Acta, 2021, 301, 48-69.	3.9	22
38	Was climatic cooling during the earliest Carboniferous driven by expansion of seed plants?. Earth and Planetary Science Letters, 2021, 565, 116953.	4.4	33
39	Transient ocean oxygenation at end-Permian mass extinction onset shown by thallium isotopes. Nature Geoscience, 2021, 14, 678-683.	12.9	24
40	Control of coal-bearing claystone composition by sea level and redox conditions: An example from the Upper Paleozoic of the Datong Basin, North China. Applied Clay Science, 2021, 211, 106204.	5.2	6
41	Early Cambrian oceanic oxygenation and evolution of early animals: A critical review from the South China Craton. Global and Planetary Change, 2021, 204, 103561.	3.5	10
42	Integrated biochemostratigraphy of the Permian-Triassic boundary beds in a shallow carbonate platform setting (Yangou, South China). Global and Planetary Change, 2021, 206, 103583.	3.5	5
43	Potential of VNIR spectroscopy for prediction of clay mineralogy and magnetic properties, and its paleoclimatic application to two contrasting Quaternary soil deposits. Catena, 2020, 184, 104239.	5.0	9
44	Organic carbon isotopes in terrestrial Permian-Triassic boundary sections of North China: Implications for global carbon cycle perturbations. Bulletin of the Geological Society of America, 2020, 132, 1106-1118.	3.3	24
45	Controls on organic matter accumulation on the early-Cambrian western Yangtze Platform, South China. Marine and Petroleum Geology, 2020, 111, 75-87.	3.3	48
46	Elemental proxies for paleosalinity analysis of ancient shales and mudrocks. Geochimica Et Cosmochimica Acta, 2020, 287, 341-366.	3.9	265
47	Lower Triassic carbonate î´238U record demonstrates expanded oceanic anoxia during Smithian Thermal Maximum and improved ventilation during Smithian-Spathian boundary cooling event. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 539, 109393.	2.3	21
48	Genesis of Zixi gold deposit in Xuefengshan, Jiangnan Orogen (South China): Age, geology and isotopic constraints. Ore Geology Reviews, 2020, 117, 103301.	2.7	20
49	Extensive marine anoxia associated with the Late Devonian Hangenberg Crisis. Earth and Planetary Science Letters, 2020, 533, 115976.	4.4	49
50	Paleosalinity determination in ancient epicontinental seas: A case study of the T-OAE in the Cleveland Basin (UK). Earth-Science Reviews, 2020, 201, 103072.	9.1	63
51	Basinal hydrographic and redox controls on selenium enrichment and isotopic composition in Paleozoic black shales. Geochimica Et Cosmochimica Acta, 2020, 287, 229-250.	3.9	12
52	The chemical index of alteration (CIA) as a proxy for climate change during glacial-interglacial transitions in Earth history. Earth-Science Reviews, 2020, 201, 103032.	9.1	115
53	Upper Miocene-Quaternary magnetostratigraphy and magnetic susceptibility from the Bohai Bay Basin (eastern China) and implications for regional volcanic and basinal subsidence history. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 538, 109469.	2.3	8
54	Spatiotemporal redox heterogeneity and transient marine shelf oxygenation in the Mesoproterozoic ocean. Geochimica Et Cosmochimica Acta, 2020, 270, 201-217.	3.9	39

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55	Effects of different constants and standards on the reproducibility of carbonate clumped isotope (Î”‹sub›47‹/sub›) measurements: Insights from a longâ€term dataset. Rapid Communications in Mass Spectrometry, 2020, 34, e8678.	1.5	11
56	Distribution of pyrolytic PAHs across the Triassic-Jurassic boundary in the Sichuan Basin, southwestern China: Evidence of wildfire outside the Central Atlantic Magmatic Province. Earth-Science Reviews, 2020, 201, 102970.	9.1	27
57	Influence of paleo-Trade Winds on facies patterns of the Cambrian Shanganning Carbonate Platform, North China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 552, 109556.	2.3	11
58	The redox structure of Ediacaran and early Cambrian oceans and its controls. Science Bulletin, 2020, 65, 2141-2149.	9.0	67
59	Reply to comment on â€œRemÃ¡rez, M.N. and Algeo, T.J., 2020. Paleosalinity determination in ancient epicontinental seas: A case study of the T-OAE in the Cleveland Basin (UK). Earth-Science Reviews, 201, 103072â€•by Stephen P. Hesselbo, Crispin T. S. Little, Micha Ruhl, Nicolas Thibault, and Clemens V. Ullmann. Earth-Science Reviews, 2020, 208, 103291.	9.1	0
60	Geographic proximity of Yangtze and Cathaysia blocks during the late Neoproterozoic demonstrated by detrital zircon evidence. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 558, 109939.	2.3	20
61	Anomalous marine calcium cycle linked to carbonate factory change after the Smithian Thermal Maximum (Early Triassic). Earth-Science Reviews, 2020, 211, 103418.	9.1	13
62	Use of a Cu-selective resin for Cu preconcentration from seawater prior to its isotopic analysis by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2020, 35, 2732-2739.	3.0	7
63	Age constraint for an earliest Famennian forest and its implications for Frasnian-Famennian boundary in West Junggar, Northwest China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 552, 109749.	2.3	9
64	Elevated marine productivity triggered nitrogen limitation on the Yangtze Platform (South China) during the Ordovician-Silurian transition. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 554, 109833.	2.3	15
65	Comparison of Ediacaran platform and slope Î´238U records in South China: Implications for global-ocean oxygenation and the origin of the Shuram Excursion. Geochimica Et Cosmochimica Acta, 2020, 287, 111-124.	3.9	28
66	Early diagenesis of organic-rich marls under shifting suboxic to euxinic conditions: The lower Toarcian of the BÃchental basin. Marine and Petroleum Geology, 2020, 120, 104513.	3.3	7
67	Calcification of planktonic foraminifer Pulleniatina obliquiloculata controlled by seawater temperature rather than ocean acidification. Global and Planetary Change, 2020, 193, 103256.	3.5	8
68	Massive formation of early diagenetic dolomite in the Ediacaran ocean: Constraints on the â€œdolomite problemâ€• Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14005-14014.	7.1	78
69	Intensified chemical weathering during Early Triassic revealed by magnesium isotopes. Geochimica Et Cosmochimica Acta, 2020, 287, 263-276.	3.9	19
70	Beyond redox: Control of trace-metal enrichment in anoxic marine facies by watermass chemistry and sedimentation rate. Geochimica Et Cosmochimica Acta, 2020, 287, 296-317.	3.9	54
71	Carbon-cycle changes during the Toarcian (Early Jurassic) and implications for regional versus global drivers of the Toarcian oceanic anoxic event. Earth-Science Reviews, 2020, 209, 103283.	9.1	45
72	A re-assessment of elemental proxies for paleoredox analysis. Chemical Geology, 2020, 540, 119549.	3.3	259

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73	Secular variation in the elemental composition of marine shales since 840â€¯Ma: Tectonic and seawater influences. Geochimica Et Cosmochimica Acta, 2020, 287, 367-390.	3.9	17
74	Evidence for high organic carbon export to the early Cambrian seafloor. Geochimica Et Cosmochimica Acta, 2020, 287, 125-140.	3.9	44
75	Redox classification and calibration of redox thresholds in sedimentary systems. Geochimica Et Cosmochimica Acta, 2020, 287, 8-26.	3.9	279
76	New evidence for compaction-driven vertical fluid migration into the Upper Ordovician (Hirnantian) Guanyinqiao bed of south China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 550, 109746.	2.3	3
77	Molybdenum isotopic behavior during intense weathering of basalt on Hainan Island, South China. Geochimica Et Cosmochimica Acta, 2020, 287, 180-204.	3.9	15
78	Sedimentary host phases of mercury (Hg) and implications for use of Hg as a volcanic proxy. Earth and Planetary Science Letters, 2020, 543, 116333.	4.4	118
79	Uranium isotopes in marine carbonates as a global ocean paleoredox proxy: A critical review. Geochimica Et Cosmochimica Acta, 2020, 287, 27-49.	3.9	63
80	Occurrence of anatase in reworking altered ash beds (K-bentonites and tonsteins) and discrimination of source magmas: a case study of terrestrial Permianâ€“Triassic boundary successions in China. Clay Minerals, 2020, 55, 329-341.	0.6	3
81	Intensified chemical weathering during the Permian-Triassic transition recorded in terrestrial and marine successions. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 519, 166-177.	2.3	78
82	Environmental instability prior to end-Permian mass extinction reflected in biotic and facies changes on shallow carbonate platforms of the Nanpanjiang Basin (South China). Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 519, 23-36.	2.3	21
83	Climatic and hydrologic controls on upper Paleozoic bauxite deposits in South China. Earth-Science Reviews, 2019, 189, 159-176.	9.1	63
84	Geochronology and geochemistry of volcanic rocks from the <scp>T</scp>anjianshan <scp>G</scp>roup, <scp>NW C</scp>hina: <scp>I</scp>mplications for the early <scp>P</scp>alaeozoic tectonic evolution of the <scp>N</scp>orth <scp>Q</scp>aidam <scp>O</scp>rogen. Geological Journal, 2019, 54, 1769-1796.	1.3	25
85	Sulfur-isotope evidence for recovery of seawater sulfate concentrations from a PTB minimum by the Smithian-Spathian transition. Earth-Science Reviews, 2019, 195, 83-95.	9.1	27
86	Evaluation of paleomarine redox conditions using Mo-isotope data in low-[Mo] sediments: A case study from the Lower Triassic of South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 519, 178-193.	2.3	12
87	Evaluation of high-frequency paleoenvironmental variation using an optimized cyclostratigraphic framework: Example for C-S-Fe analysis of Devonian-Mississippian black shales (Central Appalachian) Tj ETQq1 1 0.784314 rgBT /Over		
88	Global marine redox changes drove the rise and fall of the Ediacara biota. Geobiology, 2019, 17, 594-610.	2.4	92
89	A dolomitization event at the oceanic chemocline during the Permian-Triassic transition: REPLY. Geology, 2019, 47, e468-e468.	4.4	0
90	Oscillations of global sea-level elevation during the Paleogene correspond to 1.2-Myr amplitude modulation of orbital obliquity cycles. Earth and Planetary Science Letters, 2019, 522, 65-78.	4.4	28

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91	Global events of the Late Paleozoic (Early Devonian to Middle Permian): A review. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 531, 109259.	2.3	69
92	Mercury evidence of intense volcanic effects on land during the Permian-Triassic transition. Geology, 2019, 47, 1117-1121.	4.4	89
93	Large accumulations of 34S-enriched pyrite in a low-sulfate marine basin: The Sturtian Nanhua Basin, South China. Precambrian Research, 2019, 335, 105504.	2.7	21
94	Cooling-driven oceanic anoxia across the Smithian/Spathian boundary (mid-Early Triassic). Earth-Science Reviews, 2019, 195, 133-146.	9.1	57
95	Global-ocean circulation changes during the Smithianâ€“Spathian transition inferred from carbonâ€‘sulfur cycle records. Earth-Science Reviews, 2019, 195, 114-132.	9.1	33
96	Modern carbonate ooids preserve ambient aqueous REE signatures. Chemical Geology, 2019, 509, 163-177.	3.3	71
97	Adsorption of organic matter on clay minerals in the Dajiuhu peat soil chronosequence, South China. Applied Clay Science, 2019, 178, 105125.	5.2	25
98	Conodont biofacies and watermass structure of the Middle Pennsylvanian North American Midcontinent Sea. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 531, 109235.	2.3	8
99	Zircons reveal multi-stage genesis of the Xiangdong (Dengfuxian) tungsten deposit, South China. Ore Geology Reviews, 2019, 111, 102979.	2.7	25
100	Mercury enrichments provide evidence of Early Triassic volcanism following the end-Permian mass extinction. Earth-Science Reviews, 2019, 195, 191-212.	9.1	81
101	Microtopography-mediated hydrologic environment controls elemental migration and mineral weathering in subalpine surface soils of subtropical monsoonal China. Geoderma, 2019, 344, 82-98.	5.1	26
102	Environmental influences on the stable carbon isotopic composition of Devonian and Early Carboniferous land plants. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 531, 109100.	2.3	14
103	Geochronology and geochemistry of tuffaceous rocks from the Banxi Group: Implications for Neoproterozoic tectonic evolution of the southeastern Yangtze Block, South China. Journal of Asian Earth Sciences, 2019, 177, 152-176.	2.3	39
104	Conodont biostratigraphy and magnetic susceptibility of Upper Devonian Chattanooga Shale, eastern United States: Evidence for episodic deposition and disconformities. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 524, 137-149.	2.3	21
105	Evidence for a prolonged Permianâ€“Triassic extinction interval from global marine mercury records. Nature Communications, 2019, 10, 1563.	12.8	136
106	Mercury in marine Ordovician/Silurian boundary sections of South China is sulfide-hosted and non-volcanic in origin. Earth and Planetary Science Letters, 2019, 511, 130-140.	4.4	134
107	The Smithian/Spathian boundary (late Early Triassic): A review of ammonoid, conodont, and carbon-isotopic criteria. Earth-Science Reviews, 2019, 195, 7-36.	9.1	62
108	Marine sulfur cycle evidence for upwelling and eutrophic stresses during Early Triassic cooling events. Earth-Science Reviews, 2019, 195, 68-82.	9.1	31

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109	Circulation patterns in the Late Pennsylvanian North American Midcontinent Sea inferred from spatial gradients in sediment chemistry and mineralogy. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 531, 109023.	2.3	9
110	Insights into the genesis of orogenic gold deposits from the Zhengchong gold field, northeastern Hunan Province, China. Ore Geology Reviews, 2019, 105, 337-355.	2.7	28
111	Mesozoic multiâ€stage Wâ€“Sn polymetallic mineralization in the Nanling Range, South China: An example from the Dengfuxianâ€“Xitian ore field. Geological Journal, 2019, 54, 3755-3785.	1.3	19
112	Giant bauxite deposits of South China: Multistage formation linked to Late Paleozoic Ice Age (LPIA) eustatic fluctuations. Ore Geology Reviews, 2019, 104, 1-13.	2.7	19
113	Intensified oceanic circulation during Early Carboniferous cooling events: Evidence from carbon and nitrogen isotopes. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 531, 108962.	2.3	19
114	Global-ocean redox variations across the Smithian-Spathian boundary linked to concurrent climatic and biotic changes. Earth-Science Reviews, 2019, 195, 147-168.	9.1	37
115	Facies dependence of the mineralogy and geochemistry of altered volcanic ash beds: An example from Permian-Triassic transition strata in southwestern China. Earth-Science Reviews, 2019, 190, 58-88.	9.1	51
116	Oligocene-Miocene (28â€“13â€¯Ma) climato-tectonic evolution of the northeastern Qinghai-Tibetan Plateau evidenced by mineralogical and geochemical records of the Xunhua Basin. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 514, 98-108.	2.3	5
117	Phytoplankton (acritarch) community changes during the Permian-Triassic transition in South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 519, 84-94.	2.3	10
118	Surficial weathering of kaolin regolith in a subtropical climate: Implications for supergene pedogenesis and bedrock argillization. Geoderma, 2019, 337, 225-237.	5.1	10
119	Two-stage marine anoxia and biotic response during the Permianâ€“Triassic transition in Kashmir, northern India: pyrite framboid evidence. Global and Planetary Change, 2019, 172, 124-139.	3.5	71
120	An intercalibrated Triassic conodont succession and carbonate carbon isotope profile, Kamura, Japan. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 519, 65-83.	2.3	30
121	Lipid biomarkers for the reconstruction of deep-time environmental conditions. Earth-Science Reviews, 2019, 189, 99-124.	9.1	39
122	Volcanic sources and diagenetic alteration of Permianâ€“Triassic boundary K-bentonites in Guizhou Province, South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 519, 141-153.	2.3	32
123	Nitrogen fixation sustained productivity in the wake of the Palaeoproterozoic Great Oxygenation Event. Nature Communications, 2018, 9, 978.	12.8	50
124	Fe-oxide mineralogy of the Jiujiang red earth sediments and implications for Quaternary climate change, southern China. Scientific Reports, 2018, 8, 3610.	3.3	14
125	Multiple sulfur-isotopic evidence for a shallowly stratified ocean following the Triassic-Jurassic boundary mass extinction. Geochimica Et Cosmochimica Acta, 2018, 231, 73-87.	3.9	25
126	Multiple episodes of extensive marine anoxia linked to global warming and continental weathering following the latest Permian mass extinction. Science Advances, 2018, 4, e1602921.	10.3	145

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127	The role of organo-clay associations in limiting organic matter decay: Insights from the Dajiuhu peat soil, central China. Geoderma, 2018, 320, 149-160.	5.1	36
128	An evolving magmatic-hydrothermal system in the formation of the Mesozoic Meishan magnetite-apatite deposit in the Ningwu volcanic basin, eastern China. Journal of Asian Earth Sciences, 2018, 158, 1-17.	2.3	9
129	Highly heterogeneous â€œpoikiloredoxâ€•conditions in the early Ediacaran Yangtze Sea. Precambrian Research, 2018, 311, 157-166.	2.7	42
130	Qaidam Basin paleosols reflect climate and weathering intensity on the northeastern Tibetan Plateau during the Early Eocene Climatic Optimum. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 512, 6-22.	2.3	35
131	Geochemistry and Uâ€“Pb geochronology of the Wagone and Hermyingyi A-type granites, southern Myanmar: Implications for tectonic setting, magma evolution and Snâ€“W mineralization. Ore Geology Reviews, 2018, 95, 575-592.	2.7	59
132	More reducing bottom-water redox conditions during the Last Glacial Maximum in the southern Challenger Deep (Mariana Trench, western Pacific) driven by enhanced productivity. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 155, 70-82.	1.4	30
133	Assessing the utility of visible-to-shortwave infrared reflectance spectroscopy for analysis of soil weathering intensity and paleoclimate reconstruction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 512, 80-94.	2.3	33
134	High-resolution astrochronological record for the Paleocene-Oligocene (66â€“23 Ma) from the rapidly subsiding Bohai Bay Basin, northeastern China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 510, 78-92.	2.3	47
135	A dolomitization event at the oceanic chemocline during the Permian-Triassic transition. Geology, 2018, 46, 1043-1046.	4.4	29
136	Congruent Permian-Triassic Î´238U records at Panthalassic and Tethyan sites: Confirmation of global-oceanic anoxia and validation of the U-isotope paleoredox proxy. Geology, 2018, 46, 327-330.	4.4	108
137	Identifying marine incursions into the Paleogene Bohai Bay Basin lake system in northeastern China. International Journal of Coal Geology, 2018, 200, 1-17.	5.0	145
138	Genesis of the Xianghualing Snâ€“Pbâ€“Zn deposit, South China: A multi-method zircon study. Ore Geology Reviews, 2018, 102, 220-239.	2.7	55
139	Deepâ€Water Carbonate Ion Concentrations in the Western Tropical Pacific Since the Midâ€Pleistocene: A Major Perturbation During the Midâ€Brunhes. Journal of Geophysical Research: Oceans, 2018, 123, 6876-6892.	2.6	13
140	An ancient estuarine-circulation nutrient trap: The Late Pennsylvanian Midcontinent Sea of North America. Geology, 2018, 46, 143-146.	4.4	17
141	Late inception of a resiliently oxygenated upper ocean. Science, 2018, 361, 174-177.	12.6	117
142	Zircon indicators of fluid sources and ore genesis in a multi-stage hydrothermal system: The Dongping Au deposit in North China. Lithos, 2018, 314-315, 463-478.	1.4	46
143	Heterogeneous and dynamic marine shelf oxygenation and coupled early animal evolution. Emerging Topics in Life Sciences, 2018, 2, 279-288.	2.6	64
144	Evidence for Highly Complex Redox Conditions and Strong Waterâ€Column Stratification in an Early Cambrian Continentalâ€Margin Sea. Geochemistry, Geophysics, Geosystems, 2018, 19, 2397-2410.	2.5	23

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