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	Trace metals as paleoredox and paleoproductivity proxies: An update. Chemical Geology, 2006, 232, 12-32.	3.3	2,806
2	Trace-element behavior and redox facies in core shales of Upper Pennsylvanian Kansas-type cyclothems. Chemical Geology, 2004, 206, 289-318.	3.3	1,230
3	Environmental analysis of paleoceanographic systems based on molybdenumâ€"uranium covariation. Chemical Geology, 2009, 268, 211-225.	3.3	1,042
4	Mo-total organic carbon covariation in modern anoxic marine environments: Implications for analysis of paleoredox and paleohydrographic conditions. Paleoceanography, 2006, 21, n/a-n/a.	3.0	802
5	Terrestrial-marine teleconnections in the Devonian: links between the evolution of land plants, weathering processes, and marine anoxic events. Philosophical Transactions of the Royal Society B: Biological Sciences, 1998, 353, 113-130.	4.0	566
6	Sedimentary Corg:P ratios, paleocean ventilation, and Phanerozoic atmospheric pO2. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 256, 130-155.	2.3	499
7	Total organic carbon, organic phosphorus, and biogenic barium fluxes as proxies for paleomarine productivity. Earth-Science Reviews, 2015, 149, 23-52.	9.1	410
8	Paleoceanographic applications of trace-metal concentration data. Chemical Geology, 2012, 324-325, 6-18.	3.3	381
9	Spatial variation in sediment fluxes, redox conditions, and productivity in the Permianâ€"Triassic Panthalassic Ocean. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 308, 65-83.	2.3	330
10	Anomalous Early Triassic sediment fluxes due to elevated weathering rates and their biological consequences. Geology, 2010, 38, 1023-1026.	4.4	315
11	Rapid expansion of oceanic anoxia immediately before the end-Permian mass extinction. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17631-17634.	7.1	295
12	Redox classification and calibration of redox thresholds in sedimentary systems. Geochimica Et Cosmochimica Acta, 2020, 287, 8-26.	3.9	279
13	Terrestrialâ€"marine teleconnections in the collapse and rebuilding of Early Triassic marine ecosystems. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 308, 1-11.	2.3	277
14	Elemental proxies for paleosalinity analysis of ancient shales and mudrocks. Geochimica Et Cosmochimica Acta, 2020, 287, 341-366.	3.9	265
15	A re-assessment of elemental proxies for paleoredox analysis. Chemical Geology, 2020, 540, 119549.	3.3	259
16	Basinal restriction, black shales, Reâ€Os dating, and the Early Toarcian (Jurassic) oceanic anoxic event. Paleoceanography, 2008, 23, .	3.0	257
17	Can marine anoxic events draw down the trace element inventory of seawater?. Geology, 2004, 32, 1057.	4.4	216
18	Marine productivity changes during the end-Permian crisis and Early Triassic recovery. Earth-Science Reviews, 2015, 149, 136-162.	9.1	214

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19	A highly redox-heterogeneous ocean in South China during the early Cambrian (â^¼529â€"514ÂMa): Implications for biota-environment co-evolution. Earth and Planetary Science Letters, 2016, 441, 38-51.	4.4	198
20	Reconstruction of secular variation in seawater sulfate concentrations. Biogeosciences, 2015, 12, 2131-2151.	3.3	197
21	Diagenetic uptake of rare earth elements by bioapatite, with an example from Lower Triassic conodonts of South China. Earth-Science Reviews, 2015, 149, 181-202.	9.1	195
22	Plankton and productivity during the Permianâ€"Triassic boundary crisis: An analysis of organic carbon fluxes. Global and Planetary Change, 2013, 105, 52-67.	3.5	187
23	Large vertical Î´13CDIC gradients in Early Triassic seas of the South China craton: Implications for oceanographic changes related to Siberian Traps volcanism. Global and Planetary Change, 2013, 105, 7-20.	3.5	173
24	Trace-metal covariation as a guide to water-mass conditions in ancient anoxic marine environments. , 2008, 4, 872.		165
25	Co-evolution of oceans, climate, and the biosphere during the â€˜Ordovician Revolutionâ€™: A review. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 458, 1-11.	2.3	160
26	Changes in productivity and redox conditions in the Panthalassic Ocean during the latest Permian. Geology, 2010, 38, 187-190.	4.4	158
27	Changes in marine productivity and redox conditions during the Late Ordovician Hirnantian glaciation. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 420, 223-234.	2.3	157
28	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
29	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
30	Early Triassic seawater sulfate drawdown. Geochimica Et Cosmochimica Acta, 2014, 128, 95-113.	3.9	136
31	Evidence for a prolonged Permianâ€"Triassic extinction interval from global marine mercury records. Nature Communications, 2019, 10, 1563.	12.8	136
32	The Permianâ€"Triassic boundary at Nhi Tao, Vietnam: Evidence for recurrent influx of sulfidic watermasses to a shallow-marine carbonate platform. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 252, 304-327.	2.3	135
33	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
34	Hydrographic conditions of the Devonoâ€"Carboniferous North American Seaway inferred from sedimentary Moâ€"TOC relationships. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 256, 204-230.	2.3	124
35	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
36	Late inception of a resiliently oxygenated upper ocean. Science, 2018, 361, 174-177.	12.6	117

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37	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
38	Paleodepositional conditions in the Orca Basin as inferred from organic matter and trace metal contents. Marine Geology, 2008, 254, 62-72.	2.1	112
39	Icehouseâ€“greenhouse variations in marine denitrification. Biogeosciences, 2014, 11, 1273-1295.	3.3	112
40	High-resolution geochemistry and sequence stratigraphy of the Hushpuckney Shale (Swope) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T Pennsylvanian Midcontinent Seaway. Chemical Geology, 2004, 206, 259-288.	3.3	111
41	Paleo-environmental cyclicity in the Early Silurian Yangtze Sea (South China): Tectonic or glacio-eustatic control?. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 466, 59-76.	2.3	111
42	Global-ocean redox variation during the middle-late Permian through Early Triassic based on uranium isotope and Th/U trends of marine carbonates. Geology, 2017, 45, 163-166.	4.4	110
43	Periodicity of Mesoscale Phanerozoic Sedimentary Cycles and the Role of Milankovitch Orbital Modulation. Journal of Geology, 1988, 96, 313-322.	1.4	108
44	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
45	Rare-earth element patterns in conodont albid crowns: Evidence for massive inputs of volcanic ash during the latest Permian biocrisis?. Global and Planetary Change, 2013, 105, 135-151.	3.5	107
46	Association of ³⁴Sâ€depleted pyrite layers with negative carbonate <i>Î´</i>¹³C excursions at the Permianâ€Triassic boundary: Evidence for upwelling of sulfidic deepâ€ocean water masses. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	105
47	Negative C-isotope excursions at the Permian-Triassic boundary linked to volcanism. Geology, 2012, 40, 963-966.	4.4	101
48	The Late Pennsylvanian Midcontinent Sea of North America: A review. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 268, 205-221.	2.3	96
49	Global marine redox changes drove the rise and fall of the Ediacara biota. Geobiology, 2019, 17, 594-610.	2.4	92
50	Uncovering the spatial heterogeneity of Ediacaran carbon cycling. Geobiology, 2017, 15, 211-224.	2.4	91
51	Sequencing events across the Permianâ€“Triassic boundary, Guryul Ravine (Kashmir, India). Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 252, 328-346.	2.3	90
52	Marine Mo biogeochemistry in the context of dynamically euxinic mid-depth waters: A case study of the lower Cambrian Niutitang shales, South China. Geochimica Et Cosmochimica Acta, 2016, 183, 79-93.	3.9	90
53	Mercury evidence of intense volcanic effects on land during the Permian-Triassic transition. Geology, 2019, 47, 1117-1121.	4.4	89
54	Enhanced nitrogen fixation in the immediate aftermath of the latest Permian marine mass extinction. Geology, 2011, 39, 647-650.	4.4	88

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55	Termination of a continent-margin upwelling system at the Permianâ€“Triassic boundary (Opal Creek,) Tj ETQq1 1 0.784314 rgBT /Overl	3.5	88
56	Evolution of oceanic redox conditions during the Permo-Triassic transition: Evidence from deepwater radiolarian facies. Earth-Science Reviews, 2014, 137, 34-51.	9.1	85
57	Reconstruction of Early Triassic ocean redox conditions based on framboidal pyrite from the Nanpanjiang Basin, South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 412, 68-79.	2.3	85
58	Global and regional controls on marine redox changes across the Ordovician-Silurian boundary in South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 463, 180-191.	2.3	84
59	Changes in ocean denitrification duringÂLate Carboniferous glacialâ€“interglacialÂcycles. Nature Geoscience, 2008, 1, 709-714.	12.9	82
60	Mercury enrichments provide evidence of Early Triassic volcanism following the end-Permian mass extinction. Earth-Science Reviews, 2019, 195, 191-212.	9.1	81
61	Two episodes of environmental change at the Permianâ€“Triassic boundary of the GSSP section Meishan. Earth-Science Reviews, 2012, 115, 163-172.	9.1	79
62	Intensified chemical weathering during the Permian-Triassic transition recorded in terrestrial and marine successions. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 519, 166-177.	2.3	78
63	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
64	Diagenetic uptake of rare earth elements by conodont apatite. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 458, 176-197.	2.3	76
65	Ocean deoxygenation: Past, present, and future. Eos, 2011, 92, 409-410.	0.1	75
66	Genesis of Cryogenian Datangpo manganese deposit: Hydrothermal influence and episodic post-glacial ventilation of Nanhua Basin, South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 459, 321-337.	2.3	75
67	Two pulses of oceanic environmental disturbance during the Permianâ€“Triassic boundary crisis. Earth and Planetary Science Letters, 2016, 443, 139-152.	4.4	71
68	Modern carbonate ooids preserve ambient aqueous REE signatures. Chemical Geology, 2019, 509, 163-177.	3.3	71
69	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
70	Volcanic perturbations of the marine environment in South China preceding the latest Permian mass extinction and their biotic effects. Geobiology, 2012, 10, 82-103.	2.4	70
71	Volcanism in South China during the Late Permian and its relationship to marine ecosystem and environmental changes. Global and Planetary Change, 2013, 105, 121-134.	3.5	70
72	Transient deep-water oxygenation in the early Cambrian Nanhua Basin, South China. Geochimica Et Cosmochimica Acta, 2017, 210, 42-58.	3.9	70

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73	Environmental controls on marine ecosystem recovery following mass extinctions, with an example from the Early Triassic. Earth-Science Reviews, 2015, 149, 108-135.	9.1	69
74	Global events of the Late Paleozoic (Early Devonian to Middle Permian): A review. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 531, 109259.	2.3	69
75	Enhanced framboidal pyrite formation related to anaerobic oxidation of methane in the sulfate-methane transition zone of the northern South China Sea. Marine Geology, 2016, 379, 100-108.	2.1	68
76	87Sr/86Sr stratigraphy from the Early Triassic of Zal, Iran: Linking temperature to weathering rates and the tempo of ecosystem recovery. Geology, 2014, 42, 779-782.	4.4	67
77	The redox structure of Ediacaran and early Cambrian oceans and its controls. Science Bulletin, 2020, 65, 2141-2149.	9.0	67
78	THE LOWER CAMBRIAN NIUTITANG FORMATION AT YANGTIAO (GUIZHOU, SW CHINA): ORGANIC MATTER ENRICHMENT, SOURCE ROCK POTENTIAL, AND HYDROTHERMAL INFLUENCES. Journal of Petroleum Geology, 2015, 38, 411-432.	1.5	66
79	Episodic euxinia in the Changhsingian (late Permian) of South China: Evidence from framboidal pyrite and geochemical data. Sedimentary Geology, 2015, 319, 78-97.	2.1	66
80	Uranium and carbon isotopes document global-ocean redox-productivity relationships linked to cooling during the Frasnian-Famennian mass extinction. Geology, 2017, 45, 887-890.	4.4	66
81	Decline in oceanic sulfate levels during the early Mesoproterozoic. Precambrian Research, 2015, 258, 36-47.	2.7	65
82	Discerning primary versus diagenetic signals in carbonate carbon and oxygen isotope records: An example from the Permianâ€“Triassic boundary of Iran. Chemical Geology, 2016, 422, 94-107.	3.3	65
83	Redox chemistry changes in the Panthalassic Ocean linked to the end-Permian mass extinction and delayed Early Triassic biotic recovery. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1806-1810.	7.1	64
84	Heterogeneous and dynamic marine shelf oxygenation and coupled early animal evolution. Emerging Topics in Life Sciences, 2018, 2, 279-288.	2.6	64
85	Climatic and hydrologic controls on upper Paleozoic bauxite deposits in South China. Earth-Science Reviews, 2019, 189, 159-176.	9.1	63
86	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
87	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
88	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
89	Ediacaran Marine Redox Heterogeneity and Early Animal Ecosystems. Scientific Reports, 2015, 5, 17097.	3.3	59
90	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

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91	Stepwise and large-magnitude negative shift in Î´13Ccarb preceded the main marine mass extinction of the Permianâ€“Triassic crisis interval. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 299, 70-82.	2.3	58
92	A theoretical prediction of chemical zonation in early oceans (>520 Ma). Science China Earth Sciences, 2015, 58, 1901-1909.	5.2	58
93	Paleo-seawater REE compositions and microbial signatures preserved in laminae of Lower Triassic ooids. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 486, 96-107.	2.3	58
94	Newly discovered Sturtian cap carbonate in the Nanhua Basin, South China. Precambrian Research, 2017, 293, 112-130.	2.7	58
95	High-resolution carbon isotopic records from the Ordovician of South China: Links to climatic cooling and the Great Ordovician Biodiversification Event (GOBE). Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 289, 102-112.	2.3	57
96	Cooling-driven oceanic anoxia across the Smithian/Spathian boundary (mid-Early Triassic). Earth-Science Reviews, 2019, 195, 133-146.	9.1	57
97	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
98	Land plant evolution and weathering rate changes in the Devonian. Journal of Earth Science (Wuhan,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.2	56
99	Amelioration of marine environments at the Smithianâ€“Spathian boundary, Early Triassic. Biogeosciences, 2015, 12, 1597-1613.	3.3	56
100	The TICE event: Perturbation of carbonâ€“nitrogen cycles during the mid-Tournaisian (Early) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	3.3	56
101	Paleo-marine environments of the Early Cambrian Yangtze Platform. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 443, 66-79.	2.3	56
102	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
103	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
104	Vertical Î´13Corg gradients record changes in planktonic microbial community composition during the end-Permian mass extinction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 396, 119-131.	2.3	52
105	Delayed Neoproterozoic oceanic oxygenation: Evidence from Mo isotopes of the Cryogenian Datangpo Formation. Precambrian Research, 2018, 319, 187-197.	2.7	52
106	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
107	Local overprints on the global carbonate Î´13C signal in Devonianâ€“Carboniferous boundary successions of South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 418, 290-303.	2.3	50
108	Nitrogen fixation sustained productivity in the wake of the Palaeoproterozoic Great Oxygenation Event. Nature Communications, 2018, 9, 978.	12.8	50

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109	Microbialâ€"algal community changes during the latest Permian ecological crisis: Evidence from lipid biomarkers at Cili, South China. Global and Planetary Change, 2013, 105, 36-51.	3.5	49
110	Extensive marine anoxia associated with the Late Devonian Hangenberg Crisis. Earth and Planetary Science Letters, 2020, 533, 115976.	4.4	49
111	Intensified continental chemical weathering and carbon-cycle perturbations linked to volcanism during the Triassicâ€"Jurassic transition. Nature Communications, 2022, 13, 299.	12.8	49
112	Anomalous molybdenum isotope trends in Upper Pennsylvanian euxinic facies: Significance for use of Î´98Mo as a global marine redox proxy. Chemical Geology, 2012, 324-325, 87-98.	3.3	48
113	Paleoceanographic conditions following the end-Permian mass extinction recorded by giant ooids (Moyang, South China). Global and Planetary Change, 2013, 105, 102-120.	3.5	48
114	Contrasting microbial community changes during mass extinctions at the Middle/Late Permian and Permian/Triassic boundaries. Earth and Planetary Science Letters, 2017, 460, 180-191.	4.4	48
115	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
116	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
117	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
118	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
119	Perturbation of the marine nitrogen cycle during the Late Ordovician glaciation and mass extinction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 448, 339-348.	2.3	44
120	Evidence for high organic carbon export to the early Cambrian seafloor. Geochimica Et Cosmochimica Acta, 2020, 287, 125-140.	3.9	44
121	Mixed volcanogenicâ€"lithogenic sources for Permian bauxite deposits in southwestern Youjiang Basin, South China, and their metallogenic significance. Sedimentary Geology, 2016, 341, 276-288.	2.1	43
122	Highly heterogeneous â€œpoikiloredoxâ€• conditions in the early Ediacaran Yangtze Sea. Precambrian Research, 2018, 311, 157-166.	2.7	42
123	Molecular records of microbialites following the end-Permian mass extinction in Chongyang, Hubei Province, South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 308, 151-159.	2.3	41
124	VOLCANIC EFFECTS ON MICROPLANKTON DURING THE PERMIAN-TRIASSIC TRANSITION (SHANGSI AND) Tj ETQq0 0 0 rgBT /Overlock 10	1.3	41
125	Paleoproductivity and paleoredox conditions during late Pleistocene accumulation of laminated diatom mats in the tropical West Pacific. Chemical Geology, 2012, 334, 77-91.	3.3	40
126	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

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127	Lipid biomarkers for the reconstruction of deep-time environmental conditions. Earth-Science Reviews, 2019, 189, 99-124.	9.1	39
128	Spatiotemporal redox heterogeneity and transient marine shelf oxygenation in the Mesoproterozoic ocean. Geochimica Et Cosmochimica Acta, 2020, 270, 201-217.	3.9	39
129	Controls on rare earth element distributions in ancient organic-rich sedimentary sequences: Role of post-depositional diagenesis of phosphorus phases. Chemical Geology, 2017, 466, 533-544.	3.3	38
130	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
131	Formation mechanism of authigenic gypsum in marine methane hydrate settings: Evidence from the northern South China Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 115, 210-220.	1.4	36
132	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
133	Monsoonal climate evolution in southern China since 1.2 Ma: New constraints from Fe-oxide records in red earth sediments from the Shengli section, Chengdu Basin. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 473, 1-15.	2.3	35
134	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
135	SHAKEN AND STIRRED: SEISMITES AND TSUNAMITES AT THE PERMIAN-TRIASSIC BOUNDARY, GURYUL RAVINE, KASHMIR, INDIA. Palaios, 2013, 28, 568-582.	1.3	33
136	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
137	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
138	Was climatic cooling during the earliest Carboniferous driven by expansion of seed plants?. Earth and Planetary Science Letters, 2021, 565, 116953.	4.4	33
139	Defining the timing and duration of the KaÄÃ¡k Interval within the Eifelian/Givetian boundary GSSP, Mech Irdane, Morocco, using geochemical and magnetic susceptibility patterns. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 304, 74-84.	2.3	32
140	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
141	Relationship of pyroclastic volcanism and lake-water acidification to Jehol Biota mass mortality events (Early Cretaceous, northeastern China). Chemical Geology, 2016, 428, 59-76.	3.3	31
142	Marine sulfur cycle evidence for upwelling and eutrophic stresses during Early Triassic cooling events. Earth-Science Reviews, 2019, 195, 68-82.	9.1	31
143	Volcanically induced environmental change at the Permianâ€"Triassic boundary (Xiakou, Hubei) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Sciences, 2013, 75, 95-109.	2.3	30
144	Raman spectral, elemental, crystallinity, and oxygen-isotope variations in conodont apatite during diagenesis. Geochimica Et Cosmochimica Acta, 2017, 210, 184-207.	3.9	30

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145	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
146	An intercalibrated Triassic conodont succession and carbonate carbon isotope profile, Kamura, Japan. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 519, 65-83.	2.3	30
147	Mercury evidence for combustion of organic-rich sediments during the end-Triassic crisis. Nature Communications, 2022, 13, 1307.	12.8	30
148	Time partitioning in cratonic carbonate rocks. Geology, 1991, 19, 1093.	4.4	29
149	Enhanced recycling of organic matter and Os-isotopic evidence for multiple magmatic or meteoritic inputs to the Late Permian Panthalassic Ocean, Opal Creek, Canada. Geochimica Et Cosmochimica Acta, 2015, 150, 192-210.	3.9	29
150	Tectonic uplift-influenced monsoonal changes promoted hominin occupation of the Luonan Basin: Insights from a loess-paleosol sequence, eastern Qinling Mountains, central China. Quaternary Science Reviews, 2017, 169, 312-329.	3.0	29
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