

James Maynard

List of Publications by Year in descending order

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64
papers

6,139
citations

136950

32
h-index

118850

62
g-index

65
all docs

65
docs citations

65
times ranked

4817
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace-element behavior and redox facies in core shales of Upper Pennsylvanian Kansas-type cyclothems. <i>Chemical Geology</i> , 2004, 206, 289-318.	3.3	1,230
2	Geochemical and Nd–Sr isotopic composition of deep-sea turbidites: Crustal evolution and plate tectonic associations. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 2015-2050.	3.9	936
3	Factors controlling enrichment of vanadium and nickel in the bitumen of organic sedimentary rocks. <i>Geochimica Et Cosmochimica Acta</i> , 1982, 46, 2547-2560.	3.9	388
4	Spatial variation in sediment fluxes, redox conditions, and productivity in the Permian–Triassic Panthalassic Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 308, 65-83.	2.3	330
5	Chemistry of Modern Soils as a Guide to Interpreting Precambrian Paleosols. <i>Journal of Geology</i> , 1992, 100, 279-289.	1.4	306
6	Composition of modern deep-sea sands from arc-related basins. <i>Geological Society Special Publication</i> , 1982, 10, 551-561.	1.3	173
7	The Chemistry of Manganese Ores through Time: A Signal of Increasing Diversity of Earth-Surface Environments. <i>Economic Geology</i> , 2010, 105, 535-552.	3.8	170
8	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2001, 132, 293-314.	2.4	168
9	Trace-metal covariation as a guide to water-mass conditions in ancient anoxic marine environments. , 2008, 4, 872.		165
10	Changes in productivity and redox conditions in the Panthalassic Ocean during the latest Permian. <i>Geology</i> , 2010, 38, 187-190.	4.4	158
11	Use of statistical analysis to formulate conceptual models of geochemical behavior: water chemical data from the Botucatu aquifer in São Paulo state, Brazil. <i>Journal of Hydrology</i> , 2001, 250, 78-97.	5.4	138
12	The Permian–Triassic boundary at Nhi Tao, Vietnam: Evidence for recurrent influx of sulfidic watermasses to a shallow-marine carbonate platform. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 252, 304-327.	2.3	135
13	Marine Sediments: Dating by the Racemization of Amino Acids. <i>Science</i> , 1970, 170, 730-732.	12.6	129
14	Isotopic evidence for organic matter oxidation by manganese reduction in the formation of stratiform manganese carbonate ore. <i>Geochimica Et Cosmochimica Acta</i> , 1988, 52, 2679-2685.	3.9	119
15	Detrital modes of recent deep-sea sands and their relation to tectonic setting: a first approximation. <i>Sedimentology</i> , 1981, 28, 75-83.	3.1	115
16	Physiochemical characterization of five iron tubercles from a single drinking water distribution system: Possible new insights on their formation and growth. <i>Corrosion Science</i> , 2008, 50, 2030-2039.	6.6	98
17	Evidence for a diachronous Late Permian marine crisis from the Canadian Arctic region. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1424-1448.	3.3	92
18	Manganese deposition in drinking water distribution systems. <i>Science of the Total Environment</i> , 2016, 541, 184-193.	8.0	89

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19	Effects of sedimentary sorting on neodymium isotopes in deep-sea turbidites. <i>Nature</i> , 1989, 337, 547-549.	27.8	83
20	Heavy metal contamination in highway soils. Comparison of Corpus Christi, Texas and Cincinnati, Ohio shows organic matter is key to mobility. <i>Clean Technologies and Environmental Policy</i> , 2003, 4, 235-245.	4.1	80
21	Geochemistry of oolitic iron ores, an electron microprobe study. <i>Economic Geology</i> , 1986, 81, 1473-1483.	3.8	67
22	Carbon isotopes as indicators of dispersal patterns in Devonian-Mississippian shales of the Appalachian Basin. <i>Geology</i> , 1981, 9, 262.	4.4	60
23	Extension of Berner's "New geochemical classification of sedimentary environments" to ancient sediments. <i>Journal of Sedimentary Research</i> , 1982, 52, 1325-1331.	1.6	58
24	Bedded barite deposits in the United States, Canada, Germany, and China; two major types based on tectonic setting. <i>Economic Geology</i> , 1991, 86, 364-376.	3.8	51
25	Barite-forming environments along a rifted continental margin, Southern California Borderland. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 1327-1349.	1.4	49
26	Petrography of modern marine sands from the Peru-Chile Trench and adjacent areas+. <i>Sedimentology</i> , 1984, 31, 83-89.	3.1	46
27	Speciation and distribution of vanadium in drinking water iron pipe corrosion by-products. <i>Science of the Total Environment</i> , 2010, 408, 5845-5853.	8.0	45
28	Secondary porosity formed by deep meteoric leaching: Botucatu eolianite, southern South America. <i>AAPG Bulletin</i> , 2003, 87, 1073-1082.	1.5	42
29	Multiple alteration events in the history of a sub-Huronian regolith at Lauzon Bay, Ontario. <i>Canadian Journal of Earth Sciences</i> , 1992, 29, 432-445.	1.3	37
30	Sediment- and basalt-hosted regoliths in the Huronian supergroup: role of parent lithology in middle Precambrian weathering profiles. <i>Canadian Journal of Earth Sciences</i> , 1993, 30, 60-76.	1.3	36
31	The long-term buffering of the oceans. <i>Geochimica Et Cosmochimica Acta</i> , 1976, 40, 1523-1532.	3.9	35
32	A Paleosol Developed on Hydrothermally Altered Granite from the Hinterland of the Witwatersrand Basin: Characteristics of a Source of Basin Fill. <i>Journal of Geology</i> , 1995, 103, 357-377.	1.4	33
33	Sr isotopes of bedded barites; guide to distinguishing basins with Pb-Zn mineralization. <i>Economic Geology</i> , 1995, 90, 2058-2064.	3.8	32
34	Chemistry of sands from the modern Indus River and the Archean Witwatersrand basin: Implications for the composition of the Archean atmosphere. <i>Geology</i> , 1991, 19, 265.	4.4	31
35	Evidence for volcanic ash fall in the Maya Lowlands from a reservoir at Tikal, Guatemala. <i>Journal of Archaeological Science</i> , 2011, 38, 2925-2938.	2.4	31
36	Stratigraphic Control of Chemistry and Mineralogy in Metamorphosed Witwatersrand Quartzites. <i>Journal of Geology</i> , 1990, 98, 329-341.	1.4	28

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37	A paleosol record of the evolution of Cr redox cycling and evidence for an increase in atmospheric oxygen during the Neoproterozoic. <i>Geobiology</i> , 2019, 17, 579-593.	2.4	27
38	Composition of plagioclase feldspar in modern deep-sea sands: relationship to tectonic setting. <i>Sedimentology</i> , 1984, 31, 493-501.	3.1	26
39	The iron ores and associated sediments of the Chichali formation (Oxfordian to Valanginian) of the Trans-Indus Salt Range, Pakistan. <i>Journal of the Geological Society</i> , 1987, 144, 107-114.	2.1	25
40	Strontium Concentrations in Corrosion Products from Residential Drinking Water Distribution Systems. <i>Environmental Science & Technology</i> , 2013, 47, 5171-5177.	10.0	25
41	Chemical, mineralogical and textural properties of the Kope Formation mudstones: How they affect its durability. <i>Engineering Geology</i> , 2017, 228, 312-322.	6.3	20
42	Kinetics of silica sorption by kaolinite with application to seawater chemistry. <i>Numerische Mathematik</i> , 1975, 275, 1028-1048.	1.4	18
43	Basement Unconformity Control on Alteration, St. Francois Mountains, SE Missouri. <i>Journal of Geology</i> , 1996, 104, 55-70.	1.4	17
44	A fluid mixing model for copper mineralization at Konkola North, Zambian Copperbelt. <i>Journal of African Earth Sciences</i> , 2005, 42, 95-118.	2.0	16
45	Analytical Methods for Sulfur Determination in Glasses, Rocks, Minerals and Fluid Inclusions. <i>Reviews in Mineralogy and Geochemistry</i> , 2011, 73, 9-39.	4.8	16
46	Petrology, mineralogy, and geochemistry of sandstones of the lower Huronian Matinenda Formation: resemblance to underlying basement rocks. <i>Canadian Journal of Earth Sciences</i> , 1993, 30, 1209-1223.	1.3	14
47	Investigations of subsurface flow constructed wetlands and associated geomaterial resources in the Akumal and Reforma regions, Quintana Roo, Mexico. <i>Environmental Geology</i> , 2007, 53, 709-726.	1.2	14
48	The use of sulfur isotopes to monitor the effectiveness of constructed wetlands in controlling acid mine drainage. <i>Environmental Engineering and Policy</i> , 1999, 1, 223-233.	0.1	13
49	Tectonic subsidence analysis in the characterization of sedimentary ore deposits; examples from the Witwatersrand (Au), White Pine (Cu), and Molango (Mn). <i>Economic Geology</i> , 1995, 90, 37-50.	3.8	12
50	Mass-independently fractionated sulfur in Archean paleosols: A large reservoir of negative $\delta^{33}\text{S}$ anomaly on the early Earth. <i>Chemical Geology</i> , 2013, 362, 74-81.	3.3	12
51	Origin of the Oligocene manganese deposit at Obrochishte (Bulgaria): Insights from C, O, Fe, Sr, Nd, and Pb isotopes. <i>Ore Geology Reviews</i> , 2020, 122, 103550.	2.7	12
52	Reflectance of dispersed vitrinite in shales hosting Pb-Zn-Cu ore deposits in western Cuba: comparison with clay crystallinity. <i>International Journal of Coal Geology</i> , 2001, 47, 161-170.	5.0	8
53	Superheavy S isotopes from glacier-associated sediments of the Neoproterozoic of south China: Oceanic anoxia or sulfate limitation?. , 2006, , .		8
54	An investigation of aspects of mine waste from a kyanite mine, Central Virginia, USA. <i>Environmental Earth Sciences</i> , 2010, 61, 93-106.	2.7	7

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55	Strontium adsorption and desorption reactions in model drinking water distribution systems. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2014, 63, 449-460.	1.4	5
56	The Ordovician iron ore of the Anti-Atlas, Morocco: Environment and dynamics of depositional process. <i>Ore Geology Reviews</i> , 2020, 120, 103447.	2.7	5
57	A bauxitic paleosol in phosphate-bearing strata of northern Pakistan. <i>Economic Geology</i> , 1983, 78, 344-347.	3.8	4
58	Groundwater models and wellfield management: a case study. <i>Environmental Engineering and Policy</i> , 1998, 1, 155-164.	0.1	4
59	Organic and Inorganic Pollutant Concentrations Suggest Anthropogenic Contamination of Soils Along the Manali-Leh Highway, Northwestern Himalaya, India. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 505-518.	4.1	4
60	Steps in the History of Mudstone Investigations – A Timeline, 1556 Through 2007. <i>Earth Sciences History</i> , 2009, 28, 84-107.	0.2	3
61	Combining Subsidence Analysis and Detrital Modes of Sandstones to Constrain Basin History: An Example from the Eastern Pontides of Turkey. <i>International Geology Review</i> , 2003, 45, 329-345.	2.1	2
62	Sourcing Volcanic Millstones from Greco-Roman Sites in Albania. <i>Journal of Field Archaeology</i> , 2006, 31, 137-146.	1.3	1
63	Mineralogy, geochemistry, and stable isotope characteristics of barite deposits from Wadi El-Mingar, North Eastern Jordan. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2022, 303, 123-142.	0.4	1
64	Bedded barite deposits in the United States, Canada, Germany, and China; two major types based on tectonic setting; a reply. <i>Economic Geology</i> , 1992, 87, 200-201.	3.8	0