# James Maynard

List of Publications by Year
in descending order



| 64 | 6,139 | 136950 | 118850 |
|---|---|---|---|
| papers | citations | 32 h-index | 62 g-index |

| 65 | 65 | 65 | 4817 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mineralogy, geochemistry, and stable isotope characteristics of barite deposits from Wadi ElÂMingar, North Eastern Jordan. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2022, 303, 123-142. | 0.4 | 1 |
| 2 | Origin of the Oligocene manganese deposit at Obrochishte (Bulgaria): Insights from C, O, Fe, Sr, Nd, and Pb isotopes. Ore Geology Reviews, 2020, 122, 103550. | 2.7 | 12 |
| 3 | The Ordovician iron ore of the Anti-Atlas, Morocco: Environment and dynamics of depositional process. Ore Geology Reviews, 2020, 120, 103447. | 2.7 | 5 |
| 4 | A paleosol record of the evolution of Cr redox cycling and evidence for an increase in atmospheric oxygen during the Neoproterozoic. Geobiology, 2019, 17, 579-593. | 2.4 | 27 |
| 5 | Organic and Inorganic Pollutant Concentrations Suggest Anthropogenic Contamination of Soils Along the Manali-Leh Highway, Northwestern Himalaya, India. Archives of Environmental Contamination and Toxicology, 2017, 72, 505-518. | 4.1 | 4 |
| 6 | Chemical, mineralogical and textural properties of the Kope Formation mudstones: How they affect its durability. Engineering Geology, 2017, 228, 312-322. | 6.3 | 20 |
| 7 | Manganese deposition in drinking water distribution systems. Science of the Total Environment, 2016, 541, 184-193. | 8.0 | 89 |
| 8 | Strontium adsorption and desorption reactions in model drinking water distribution systems. Journal of Water Supply: Research and Technology - AQUA, 2014, 63, 449-460. | 1.4 | 5 |
| 9 | Mass-independently fractionated sulfur in Archean paleosols: A large reservoir of negative Î”33S anomaly on the early Earth. Chemical Geology, 2013, 362, 74-81. | 3.3 | 12 |
| 10 | Strontium Concentrations in Corrosion Products from Residential Drinking Water Distribution Systems. Environmental Science & Technology, 2013, 47, 5171-5177. | 10.0 | 25 |
| 11 | Evidence for a diachronous Late Permian marine crisis from the Canadian Arctic region. Bulletin of the Geological Society of America, 2012, 124, 1424-1448. | 3.3 | 92 |
| 12 | Analytical Methods for Sulfur Determination in Glasses, Rocks, Minerals and Fluid Inclusions. Reviews in Mineralogy and Geochemistry, 2011, 73, 9-39. | 4.8 | 16 |
| 13 | Evidence for volcanic ash fall in the Maya Lowlands from a reservoir at Tikal, Guatemala. Journal of Archaeological Science, 2011, 38, 2925-2938. | 2.4 | 31 |
| 14 | 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 |
| 15 | An investigation of aspects of mine waste from a kyanite mine, Central Virginia, USA. Environmental Earth Sciences, 2010, 61, 93-106. | 2.7 | 7 |
| 16 | Speciation and distribution of vanadium in drinking water iron pipe corrosion by-products. Science of the Total Environment, 2010, 408, 5845-5853. | 8.0 | 45 |
| 17 | Changes in productivity and redox conditions in the Panthalassic Ocean during the latest Permian. Geology, 2010, 38, 187-190. | 4.4 | 158 |
| 18 | The Chemistry of Manganese Ores through Time: A Signal of Increasing Diversity of Earth-Surface Environments. Economic Geology, 2010, 105, 535-552. | 3.8 | 170 |

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|---|---|---|---|
| 19 | Steps in the History of Mudstone Investigationsâ€"A Timeline, 1556 Through 2007. Earth Sciences History, 2009, 28, 84-107. | 0.2 | 3 |
| 20 | Physiochemical characterization of five iron tubercles from a single drinking water distribution system: Possible new insights on their formation and growth. Corrosion Science, 2008, 50, 2030-2039. | 6.6 | 98 |
| 21 | Trace-metal covariation as a guide to water-mass conditions in ancient anoxic marine environments. , 2008, 4, 872. | | 165 |
| 22 | 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 |
| 23 | Barite-forming environments along a rifted continental margin, Southern California Borderland. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1327-1349. | 1.4 | 49 |
| 24 | Investigations of subsurface flow constructed wetlands and associated geomaterial resources in the Akumal and Reforma regions, Quintana Roo, Mexico. Environmental Geology, 2007, 53, 709-726. | 1.2 | 14 |
| 25 | Sourcing Volcanic Millstones from Greco-Roman Sites in Albania. Journal of Field Archaeology, 2006, 31, 137-146. | 1.3 | 1 |
| 26 | Superheavy S isotopes from glacier-associated sediments of the Neoproterozoic of south China: Oceanic anoxia or sulfate limitation?. , 2006, , . | | 8 |
| 27 | A fluid mixing model for copper mineralization at Konkola North, Zambian Copperbelt. Journal of African Earth Sciences, 2005, 42, 95-118. | 2.0 | 16 |
| 28 | 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 |
| 29 | Heavy metal contamination in highway soils. Comparison of Corpus Christi, Texas and Cincinnati, Ohio shows organic matter is key to mobility. Clean Technologies and Environmental Policy, 2003, 4, 235-245. | 4.1 | 80 |
| 30 | Secondary porosity formed by deep meteoric leaching: Botucatu eolianite, southern South America. AAPG Bulletin, 2003, 87, 1073-1082. | 1.5 | 42 |
| 31 | Combining Subsidence Analysis and Detrital Modes of Sandstones to Constrain Basin History: An Example from the Eastern Pontides of Turkey. International Geology Review, 2003, 45, 329-345. | 2.1 | 2 |
| 32 | Use of statistical analysis to formulate conceptual models of geochemical behavior: water chemical data from the Botucatu aquifer in SÃ£o Paulo state, Brazil. Journal of Hydrology, 2001, 250, 78-97. | 5.4 | 138 |
| 33 | Reflectance of dispersed vitrinite in shales hosting Pbâ€"Znâ€"Cu ore deposits in western Cuba: comparison with clay crystallinity. International Journal of Coal Geology, 2001, 47, 161-170. | 5.0 | 8 |
| 34 | Title is missing!. Water, Air, and Soil Pollution, 2001, 132, 293-314. | 2.4 | 168 |
| 35 | The use of sulfur isotopes to monitor the effectiveness of constructed wetlands in controlling acid mine drainage. Environmental Engineering and Policy, 1999, 1, 223-233. | 0.1 | 13 |
| 36 | Groundwater models and wellfield management: a case study. Environmental Engineering and Policy, 1998, 1, 155-164. | 0.1 | 4 |

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|---|---|---|---|
| 37 | Basement Unconformity Control on Alteration, St. Francois Mountains, SE Missouri. Journal of Geology, 1996, 104, 55-70. | 1.4 | 17 |
| 38 | Tectonic subsidence analysis in the characterization of sedimentary ore deposits; examples from the Witwatersrand (Au), White Pine (Cu), and Molango (Mn). Economic Geology, 1995, 90, 37-50. | 3.8 | 12 |
| 39 | A Paleosol Developed on Hydrothermally Altered Granite from the Hinterland of the Witwatersrand Basin: Characteristics of a Source of Basin Fill. Journal of Geology, 1995, 103, 357-377. | 1.4 | 33 |
| 40 | Sr isotopes of bedded barites; guide to distinguishing basins with Pb-Zn mineralization. Economic Geology, 1995, 90, 2058-2064. | 3.8 | 32 |
| 41 | Sediment- and basalt-hosted regoliths in the Huronian supergroup: role of parent lithology in middle Precambrian weathering profiles. Canadian Journal of Earth Sciences, 1993, 30, 60-76. | 1.3 | 36 |
| 42 | Petrology, mineralogy, and geochemistry of sandstones of the lower Huronian Matinenda Formation: resemblance to underlying basement rocks. Canadian Journal of Earth Sciences, 1993, 30, 1209-1223. | 1.3 | 14 |
| 43 | Chemistry of Modern Soils as a Guide to Interpreting Precambrian Paleosols. Journal of Geology, 1992, 100, 279-289. | 1.4 | 306 |
| 44 | Multiple alteration events in the history of a sub-Huronian regolith at Lauzon Bay, Ontario. Canadian Journal of Earth Sciences, 1992, 29, 432-445. | 1.3 | 37 |
| 45 | Bedded barite deposits in the United States, Canada, Germany, and China; two major types based on tectonic setting; a reply. Economic Geology, 1992, 87, 200-201. | 3.8 | 0 |
| 46 | Bedded barite deposits in the United States, Canada, Germany, and China; two major types based on tectonic setting. Economic Geology, 1991, 86, 364-376. | 3.8 | 51 |
| 47 | Chemistry of sands from the modern Indus River and the Archean Witwatersrand basin: Implications for the composition of the Archean atmosphere. Geology, 1991, 19, 265. | 4.4 | 31 |
| 48 | Stratigraphic Control of Chemistry and Mineralogy in Metamorphosed Witwatersrand Quartzites. Journal of Geology, 1990, 98, 329-341. | 1.4 | 28 |
| 49 | Geochemical and Ndî—¸Sr isotopic composition of deep-sea turbidites: Crustal evolution and plate tectonic associations. Geochimica Et Cosmochimica Acta, 1990, 54, 2015-2050. | 3.9 | 936 |
| 50 | Effects of sedimentary sorting on neodymium isotopes in deep-sea turbidites. Nature, 1989, 337, 547-549. | 27.8 | 83 |
| 51 | Isotopic evidence for organic matter oxidation by manganese reduction in the formation of stratiform manganese carbonate ore. Geochimica Et Cosmochimica Acta, 1988, 52, 2679-2685. | 3.9 | 119 |
| 52 | The iron ores and associated sediments of the Chichali formation (Oxfordian to Valanginian) of the Trans-Indus Salt Range, Pakistan. Journal of the Geological Society, 1987, 144, 107-114. | 2.1 | 25 |
| 53 | Geochemistry of oolitic iron ores, an electron microprobe study. Economic Geology, 1986, 81, 1473-1483. | 3.8 | 67 |
| 54 | Petrography of modern marine sands from the Peru-Chile Trench and adjacent areas+. Sedimentology, 1984, 31, 83-89. | 3.1 | 46 |

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| 55 | Composition of plagioclase feldspar in modern deep-sea sands: relationship to tectonic setting. Sedimentology, 1984, 31, 493-501. | 3.1 | 26 |
| 56 | A bauxitic paleosol in phosphate-bearing strata of northern Pakistan. Economic Geology, 1983, 78, 344-347. | 3.8 | 4 |
| 57 | Extension of Berner's "New geochemical classification of sedimentary environments" to ancient sediments. Journal of Sedimentary Research, 1982, 52, 1325-1331. | 1.6 | 58 |
| 58 | Factors controlling enrichment of vanadium and nickel in the bitumen of organic sedimentary rocks. Geochimica Et Cosmochimica Acta, 1982, 46, 2547-2560. | 3.9 | 388 |
| 59 | Composition of modern deep-sea sands from arc-related basins. Geological Society Special Publication, 1982, 10, 551-561. | 1.3 | 173 |
| 60 | Detrital modes of recent deep-sea sands and their relation to tectonic setting: a first approximation. Sedimentology, 1981, 28, 75-83. | 3.1 | 115 |
| 61 | Carbon isotopes as indicators of dispersal patterns in Devonian-Mississippian shales of the Appalachian Basin. Geology, 1981, 9, 262. | 4.4 | 60 |
| 62 | The long-term buffering of the oceans. Geochimica Et Cosmochimica Acta, 1976, 40, 1523-1532. | 3.9 | 35 |
| 63 | Kinetics of silica sorption by kaolinite with application to seawater chemistry. Numerische Mathematik, 1975, 275, 1028-1048. | 1.4 | 18 |
| 64 | Marine Sediments: Dating by the Racemization of Amino Acids. Science, 1970, 170, 730-732. | 12.6 | 129 |