Martin John Kennedy

List of Publications by Year
in descending order

48 papers	5,401 citations	159525 30 h-index	206029 48 g-index
51 all docs	51 docs citations	51 times ranked	3564 citing authors

#	Article	IF	Citations
1	Weathering in a world without terrestrial life recorded in the Mesoproterozoic Velkerri Formation. Nature Communications, 2019, 10, 3448.	5.8	29
2	Bayesian atmospheric tomography for detection and quantification of methane emissions: application to data from the 2015 Ginninderra release experiment. Atmospheric Measurement Techniques, 2019, 12, 4659-4676.	1.2	4
3	The palaeoenvironmental context of the Trezona anomaly in South Australia: Do carbon isotope values record a global or regional signal?. Depositional Record, 2019, 5, 131-146.	0.8	4
4	The Ginninderra CH4 and CO2 release experiment: An evaluation of gas detection and quantification techniques. International Journal of Greenhouse Gas Control, 2018, 70, 202-224.	2.3	49
5	The influence of shale depositional fabric on the kinetics of hydrocarbon generation through control of mineral surface contact area on clay catalysis. Geochimica Et Cosmochimica Acta, 2018, 220, 429-448.	1.6	51
6	Facies-dependent Î´13C variation and diagenetic overprinting at the onset of the Sturtian glaciation in North-East Greenland. Precambrian Research, 2018, 319, 96-113.	1.2	5
7	Methane variability associated with natural and anthropogenic sources in an Australian context. Australian Journal of Earth Sciences, 2018, 65, 683-690.	0.4	4
8	Clay-organic association as a control on hydrocarbon generation in shale. Organic Geochemistry, 2017, 105, 42-55.	0.9	55
9	Local paleoenvironmental controls on the carbonâ€isotope record defining the Bitter Springs Anomaly. Geobiology, 2017, 15, 65-80.	1.1	20
10	Feldspar dissolution-enhanced porosity in Paleoproterozoic shale reservoir facies from the Barney Creek Formation (McArthur Basin, Australia). AAPG Bulletin, 2015, 99, 1745-1770.	0.7	64
11	Is organic pore development in gas shales influenced by the primary porosity and structure of thermally immature organic matter?. Organic Geochemistry, 2015, 87, 119-132.	0.9	309
12	Organomineral nanocomposite carbon burial during Oceanic Anoxic Event 2. Biogeosciences, 2014, 11, 4971-4983.	1.3	24
13	Direct evidence for organic carbon preservation as clay-organic nanocomposites in a Devonian black shale; from deposition to diagenesis. Earth and Planetary Science Letters, 2014, 388, 59-70.	1.8	156
14	A new Ediacaran fossil with a novel sediment displacive life habit. Journal of Paleontology, 2014, 88, 145-151.	0.5	24
15	The reduction of structural iron in ferruginous smectite via the amino acid cysteine: Implications for an electron shuttling compound. Geochimica Et Cosmochimica Acta, 2013, 106, 152-163.	1.6	26
16	Secular Changes in the Importance of Neritic Carbonate Deposition as a Control on the Magnitude and Stability of Neoproterozoic Ice Ages. Geophysical Monograph Series, 2013, , 55-72.	0.1	5
17	The Nonlinear Effects of Evolutionary Innovation Biospheric Feedbacks on Qualitative Environmental Change: From the Microbial to Metazoan World. American Naturalist, 2013, 181, S100-S111.	1.0	9
18	The oldest <i>Zoophycos</i> and implications for Early Cambrian deposit feeding. Geological Magazine, 2012, 149, 1118-1123.	0.9	19

#	ARTICLE	IF	CITATIONS
19	Condensation origin for Neoproterozoic cap carbonates during deglaciation: REPLY. Geology, 2012, 40, e266-e266.	2.0	0
20	Early Cambrian metazoans in fluvial environments, evidence of the non-marine Cambrian radiation: REPLY. Geology, 2012, 40, e271-e272.	2.0	5
21	The influence of authigenic clay formation on the mineralogy and stable isotopic record of lacustrine carbonates. Geochimica Et Cosmochimica Acta, 2012, 90, 64-82.	1.6	40
22	The accumulation of organic-matter-rich rocks within an earth systems framework. , 2012, , 646-678.		7
23	Does the global stratigraphic reproducibility of Î´13C in Neoproterozoic carbonates require a marine origin? A Plioceneâ€“Pleistocene comparison. Geology, 2012, 40, 87-90.	2.0	102
24	Early Cambrian metazoans in fluvial environments, evidence of the non-marine Cambrian radiation. Geology, 2011, 39, 583-586.	2.0	28
25	Condensation origin for Neoproterozoic cap carbonates during deglaciation. Geology, 2011, 39, 319-322.	2.0	37
26	Clay mineral continental amplifier for marine carbon sequestration in a greenhouse ocean. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9776-9781.	3.3	118
27	Chapter 40 The Kingston Peak Formation in the eastern Death Valley region. Geological Society Memoir, 2011, 36, 449-458.	0.9	6
28	Mineralogical constraints on the paleoenvironments of the Ediacaran Doushantuo Formation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13190-13195.	3.3	100
29	The late Precambrian greening of the Earth. Nature, 2009, 460, 728-732.	13.7	492
30	Snowball Earth termination by destabilization of equatorial permafrost methane clathrate. Nature, 2008, 453, 642-645.	13.7	146
31	Carbon isotope excursions and the oxidant budget of the Ediacaran atmosphere and ocean. Geology, 2008, 36, 863.	2.0	151
32	Neoproterozoic glaciation in the Earth System. Journal of the Geological Society, 2007, 164, 895-921.	0.9	196
33	Late Precambrian Oxygenation; Inception of the Clay Mineral Factory. Science, 2006, 311, 1446-1449.	6.0	242
34	Stratigraphy, Sedimentary Structures, and Textures of the Late Neoproterozoic Doushantuo Cap Carbonate in South China. Journal of Sedimentary Research, 2006, 76, 978-995.	0.8	187
35	A new hypothesis for organic preservation of Burgess Shale taxa in the middle Cambrian Wheeler Formation, House Range, Utah. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 220, 193-205.	1.0	97
36	U-Pb sensitive high-resolution ion microprobe ages from the Doushantuo Formation in south China: Constraints on late Neoproterozoic glaciations. Geology, 2005, 33, 473.	2.0	215

#	Article	IF	Citations
37	Stable isotopic evidence for methane seeps in Neoproterozoic postglacial cap carbonates. Nature, 2003, 426, 822-826.	13.7	349
38	Carbonate Deposition, Climate Stability, and Neoproterozoic Ice Ages. Science, 2003, 302, 859-862.	6.0	143
39	Mineral Surface Control of Organic Carbon in Black Shale. Science, 2002, 295, 657-660.	6.0	477
40	Decoupling of unpolluted temperate forests from rock nutrient sources revealed by natural 87Sr/86Sr and 84Sr tracer addition. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9639-9644.	3.3	68
41	Carbon isotopic composition of Neoproterozoic glacial carbonates as a test of paleoceanographic models for snowball Earth phenomena. Geology, 2001, 29, 1135.	2.0	103
42	Are Proterozoic cap carbonates and isotopic excursions a record of gas hydrate destabilization following Earth's coldest intervals?. Geology, 2001, 29, 443.	2.0	317
43	Considering a Neoproterozoic Snowball Earth. Science, 1999, 284, 1087a-1087.	6.0	36
44	Weathering versus atmospheric sources of strontium in ecosystems on young volcanic soils. Oecologia, 1999, 121, 255-259.	0.9	95
45	Two or four Neoproterozoic glaciations?. Geology, 1998, 26, 1059.	2.0	340
46	Changing sources of base cations during ecosystem development, Hawaiian Islands. Geology, 1998, 26, 1015.	2.0	162
47	Stratigraphy, sedimentology, and isotopic geochemistry of Australian Neoproterozoic postglacial cap dolostones; deglaciation, delta 13 C excursions, and carbonate precipitation. Journal of Sedimentary Research, 1996, 66, 1050-1064.	0.8	263
48	The Undoolya sequence: Late Proterozoic salt influenced deposition, Amadeus Basin, central Australia. Australian Journal of Earth Sciences, 1993, 40, 217-228.	0.4	15