

Mark Pagani

List of Publications by Year in descending order

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29
papers

5,376
citations

236925

25
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

5252
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Terrestrial Carbon Export From East Antarctica During the Early Eocene. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	3
2	The enigma of Oligocene climate and global surface temperature evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25302-25309.	7.1	54
3	Miocene Evolution of North Atlantic Sea Surface Temperature. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003748.	2.9	40
4	North Atlantic temperature and pCO ₂ coupling in the early-middle Miocene. <i>Geology</i> , 2018, 46, 519-522.	4.4	101
5	A long-term decrease in the persistence of soil carbon caused by ancient Maya land use. <i>Nature Geoscience</i> , 2018, 11, 645-649.	12.9	34
6	Ring Index: A new strategy to evaluate the integrity of TEX ₈₆ paleothermometry. <i>Paleoceanography</i> , 2016, 31, 220-232.	3.0	121
7	Antarctic Ice Sheet variability across the Eocene-Oligocene boundary climate transition. <i>Science</i> , 2016, 352, 76-80.	12.6	116
8	Descent toward the Icehouse: Eocene sea surface cooling inferred from GDGT distributions. <i>Paleoceanography</i> , 2015, 30, 1000-1020.	3.0	129
9	Drought, agricultural adaptation, and sociopolitical collapse in the Maya Lowlands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5607-5612.	7.1	152
10	Response to Comment on "A 12-million-year temperature history of the tropical Pacific Ocean". <i>Science</i> , 2014, 346, 1467-1467.	12.6	6
11	Broken tropical thermostats. <i>Nature Geoscience</i> , 2014, 7, 555-556.	12.9	4
12	A 40-million-year history of atmospheric CO ₂ . <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20130096.	3.4	344
13	An interlaboratory study of TEX ₈₆ and BIT analysis of sediments, extracts, and standard mixtures. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5263-5285.	2.5	76
14	Past extreme warming events linked to massive carbon release from thawing permafrost. <i>Nature</i> , 2012, 484, 87-91.	27.8	283
15	Ecosystem CO ₂ starvation and terrestrial silicate weathering: mechanisms and global-scale quantification during the late Miocene. <i>Journal of Ecology</i> , 2012, 100, 31-41.	4.0	27
16	The Role of Carbon Dioxide During the Onset of Antarctic Glaciation. <i>Science</i> , 2011, 334, 1261-1264.	12.6	262
17	High Earth-system climate sensitivity determined from Pliocene carbon dioxide concentrations. <i>Nature Geoscience</i> , 2010, 3, 27-30.	12.9	468
18	Carbon isotope ratio of Cenozoic CO ₂ : A comparative evaluation of available geochemical proxies. <i>Paleoceanography</i> , 2010, 25, .	3.0	262

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19	The role of terrestrial plants in limiting atmospheric CO ₂ decline over the past 24 million years. <i>Nature</i> , 2009, 460, 85-88.	27.8	132
20	Global Cooling During the Eocene-Oligocene Climate Transition. <i>Science</i> , 2009, 323, 1187-1190.	12.6	611
21	Compound-specific stable isotopes of organic compounds from lake sediments track recent environmental changes in an alpine ecosystem, Rocky Mountain National Park, Colorado. <i>Limnology and Oceanography</i> , 2008, 53, 1468-1478.	3.1	38
22	The Early Origins of Terrestrial C ₄ Photosynthesis. <i>Annual Review of Earth and Planetary Sciences</i> , 2007, 35, 435-461.	11.0	225
23	Refining ancient carbon dioxide estimates: Significance of coccolithophore cell size for alkenone-based CO ₂ records. <i>Paleoceanography</i> , 2007, 22, .	3.0	56
24	Arctic hydrology during global warming at the Palaeocene/Eocene thermal maximum. <i>Nature</i> , 2006, 442, 671-675.	27.8	410
25	ATMOSPHERE: An Ancient Carbon Mystery. <i>Science</i> , 2006, 314, 1556-1557.	12.6	162
26	Marked Decline in Atmospheric Carbon Dioxide Concentrations During the Paleogene. <i>Science</i> , 2005, 309, 600-603.	12.6	774
27	Comparison of water column [CO ₂ aq] with sedimentary alkenone-based estimates: A test of the alkenone-CO ₂ proxy. <i>Paleoceanography</i> , 2002, 17, 21-1-21-12.	3.0	48
28	Isotope analyses of molecular and total organic carbon from miocene sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 37-49.	3.9	31
29	Miocene evolution of atmospheric carbon dioxide. <i>Paleoceanography</i> , 1999, 14, 273-292.	3.0	407