

Jeremy K Caves Rugenstein

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,707
citations

361296

20
h-index

330025

37
g-index

52
all docs

52
docs citations

52
times ranked

2287
citing authors

#	ARTICLE	IF	CITATIONS
1	Revised paleoaltimetry data show low Tibetan Plateau elevation during the Eocene. <i>Science</i> , 2019, 363, .	6.0	155
2	Role of the westerlies in Central Asia climate over the Cenozoic. <i>Earth and Planetary Science Letters</i> , 2015, 428, 33-43.	1.8	153
3	Cenozoic carbon cycle imbalances and a variable weathering feedback. <i>Earth and Planetary Science Letters</i> , 2016, 450, 152-163.	1.8	121
4	Neogene cooling driven by land surface reactivity rather than increased weathering fluxes. <i>Nature</i> , 2019, 571, 99-102.	13.7	114
5	Differential weathering of basaltic and granitic catchments from concentration–discharge relationships. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 190, 265-293.	1.6	113
6	Quantifying the isotopic “continental effect”™. <i>Earth and Planetary Science Letters</i> , 2014, 406, 123-133.	1.8	106
7	A short-term in situ CO ₂ enrichment experiment on Heron Island (GBR). <i>Scientific Reports</i> , 2012, 2, 413.	1.6	104
8	Mid-latitude terrestrial climate of East Asia linked to global climate in the Late Cretaceous. <i>Geology</i> , 2015, 43, 287-290.	2.0	76
9	The evolution of hydroclimate in Asia over the Cenozoic: A stable-isotope perspective. <i>Earth-Science Reviews</i> , 2018, 185, 1129-1156.	4.0	71
10	Co-variation of silicate, carbonate and sulfide weathering drives CO ₂ release with erosion. <i>Nature Geoscience</i> , 2021, 14, 211-216.	5.4	70
11	Aridification of Central Asia and uplift of the Altai and Hangay Mountains, Mongolia: Stable isotope evidence. <i>Numerische Mathematik</i> , 2014, 314, 1171-1201.	0.7	68
12	Silicate weathering as a feedback and forcing in Earth's climate and carbon cycle. <i>Earth-Science Reviews</i> , 2020, 209, 103298.	4.0	59
13	Deep mantle roots and continental emergence: implications for whole-Earth elemental cycling, long-term climate, and the Cambrian explosion. <i>International Geology Review</i> , 2018, 60, 431-448.	1.1	58
14	The Neogene de-greening of Central Asia. <i>Geology</i> , 2016, 44, 887-890.	2.0	54
15	Modeling the consequences of land plant evolution on silicate weathering. <i>Numerische Mathematik</i> , 2019, 319, 1-43.	0.7	51
16	The role of the westerlies and orography in Asian hydroclimate since the late Oligocene. <i>Geology</i> , 2020, 48, 728-732.	2.0	48
17	Oxygen isotope mass-balance constraints on Pliocene sea level and East Antarctic Ice Sheet stability. <i>Geology</i> , 2015, 43, 879-882.	2.0	45
18	Warm and cold wet states in the western United States during the Pliocene–Pleistocene. <i>Geology</i> , 2018, 46, 355-358.	2.0	45

#	ARTICLE	IF	CITATIONS
19	Integrating Collaboration, Adaptive Management, and Scenario-Planning: Experiences at Las Cienegas National Conservation Area. <i>Ecology and Society</i> , 2013, 18, .	1.0	29
20	Terrestrial climate in mid-latitude East Asia from the latest Cretaceous to the earliest Paleogene: A multiproxy record from the Songliao Basin in northeastern China. <i>Earth-Science Reviews</i> , 2021, 216, 103572.	4.0	25
21	Concentration–discharge patterns of weathering products from global rivers. <i>Acta Geochimica</i> , 2017, 36, 405-409.	0.7	21
22	Spatial pattern of super-greenhouse warmth controlled by elevated specific humidity. <i>Nature Geoscience</i> , 2020, 13, 739-744.	5.4	18
23	A mechanistic analysis of early Eocene latitudinal gradients of isotopes in precipitation. <i>Geophysical Research Letters</i> , 2015, 42, 8216-8224.	1.5	13
24	Stable isotope evidence for rapid uplift of the central Apennines since the late Pliocene. <i>Earth and Planetary Science Letters</i> , 2020, 544, 116376.	1.8	12
25	Late Miocene Uplift of the Tian Shan and Altai and Reorganization of Central Asia Climate. <i>GSA Today</i> , 2017, , .	1.1	10
26	High-Resolution Stable Isotope Paleotopography of the John Day Region, Oregon, United States. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	9
27	Drier Winters Drove Cenozoic Open Habitat Expansion in North America. <i>AGU Advances</i> , 2022, 3, .	2.3	9
28	Atmospheric flow deflection in the late Cenozoic Sierra Nevada. <i>Earth and Planetary Science Letters</i> , 2019, 518, 76-85.	1.8	8
29	Alluvial record of an early Eocene hyperthermal within the Castissent Formation, the Pyrenees, Spain. <i>Climate of the Past</i> , 2020, 16, 227-243.	1.3	7
30	Isotope mass-balance constraints preclude that mafic weathering drove Neogene cooling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
31	Mid-latitude terrestrial climate of East Asia linked to global climate in the Late Cretaceous: REPLY. <i>Geology</i> , 2016, 44, e379-e379.	2.0	6
32	Controls on Physical and Chemical Denudation in a Mixed Carbonate–Siliciclastic Orogen. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006064.	1.0	6
33	Constraining basin thermal history and petroleum generation using palaeoclimate data in the Piceance Basin, Colorado. <i>Basin Research</i> , 2017, 29, 542-553.	1.3	5
34	Successional changes in soil and hyporheic nitrogen fertility on an alluvial flood plain: implications for riparian vegetation. <i>Aquatic Sciences</i> , 2010, 72, 519-532.	0.6	4
35	Response to Comment on “Revised paleoaltimetry data show low Tibetan Plateau elevation during the Eocene”. <i>Science</i> , 2019, 365, .	6.0	3
36	Snowfall-albedo feedbacks could have led to deglaciation of snowball Earth starting from mid-latitudes. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	2

#	ARTICLE	IF	CITATIONS
37	Effects of the Pliensbachian–Toarcian Boundary Event on Carbonate Productivity of a Tethyan Platform and Slope. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	2
38	Members Promote Climate Science on Capitol Hill. <i>Eos</i> , 2011, 92, 102-102.	0.1	0
39	AGU Members Press for Continued Federal Support for Basic Research on Capitol Hill. <i>Eos</i> , 2011, 92, 156-156.	0.1	0
40	AGU Selects Two Congressional Science Fellows. <i>Eos</i> , 2011, 92, 164-164.	0.1	0
41	What goes down must come up. <i>Nature Geoscience</i> , 2020, 13, 5-7.	5.4	0