Sandra Kirtland Turner

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4122520/publications.pdf

Version: 2024-02-01

24 papers	1,136 citations	516710 16 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	1517 citing authors

#	Article	IF	Citations
1	A model for marine sedimentary carbonate diagenesis and paleoclimate proxy signal tracking: IMP v1.0. Geoscientific Model Development, 2021, 14, 5999-6023.	3.6	3
2	Past climates inform our future. Science, 2020, 370, .	12.6	253
3	Evaluation of Paleoceneâ€Eocene Thermal Maximum Carbon Isotope Record Completenessâ€"An Illustration of the Potential of Dynamic Time Warping in Aligning Paleoâ€Proxy Records. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008620.	2.5	9
4	Demise of the Planktic Foraminifer Genus Morozovella during the Early Eocene Climatic Optimum: New Records from ODP Site 1258 (Demerara Rise, Western Equatorial Atlantic) and Site 1263 (Walvis) Tj ETQq0 0 0 rgBT /Overlock 10	2.2	12
5	Quantifying the Influence of Jupiter on the Earthâ€™s Orbital Cycles. Astronomical Journal, 2020, 159, 10.	4.7	13
6	Oceanic and atmospheric methane cycling in the cGENIE Earth system model â€“ release v0.9.14. Geoscientific Model Development, 2020, 13, 5687-5706.	3.6	12
7	Negative carbon isotope excursions: an interpretive framework. Environmental Research Letters, 2019, 14, 085014.	5.2	23
8	Atlantic Deepâ€Sea Cherts Associated With Eocene Hyperthermal Events. Paleoceanography and Paleoclimatology, 2019, 34, 287-299.	2.9	14
9	Early Cenozoic Decoupling of Climate and Carbonate Compensation Depth Trends. Paleoceanography and Paleoclimatology, 2019, 34, 930-945.	2.9	23
10	A lattice-automaton bioturbation simulator with coupled physics, chemistry, and biology in marine sediments (eLABS v0.2). Geoscientific Model Development, 2019, 12, 4469-4496.	3.6	4
11	Towards a robust and consistent middle Eocene astronomical timescale. Earth and Planetary Science Letters, 2018, 486, 94-107.	4.4	65
12	Astronomically paced changes in deep-water circulation in the western North Atlantic during the middle Eocene. Earth and Planetary Science Letters, 2018, 484, 329-340.	4.4	23
13	Constraints on the onset duration of the Paleoceneâ€"Eocene Thermal Maximum. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170082.	3.4	35
14	Dynamics of sediment flux to a bathyal continental margin section through the Paleoceneâ€"Eocene Thermal Maximum. Climate of the Past, 2018, 14, 1035-1049.	3.4	26
15	A probabilistic assessment of the rapidity of PETM onset. Nature Communications, 2017, 8, 353.	12.8	48
16	The DeepMIP contribution to PMIP4: experimental design for model simulations of the EECO, PETM, and pre-PETM (version 1.0). Geoscientific Model Development, 2017, 10, 889-901.	3.6	90
17	An abyssal carbonate compensation depth overshoot in the aftermath of the Palaeoceneâ€"Eocene Thermal Maximum. Nature Geoscience, 2016, 9, 575-580.	12.9	73
18	Development of a novel empirical framework for interpreting geological carbon isotope excursions, with implications for the rate of carbon injection across the PETM. Earth and Planetary Science Letters, 2016, 435, 1-13.	4.4	63

#	Article	IF	Citations
19	Stringent response processes suppress <scp>DNA</scp> damage sensitivity caused by deficiency in fullâ€length translation initiation factor 2 or <scp>PriA</scp> helicase. Molecular Microbiology, 2014, 92, 28-46.	2.5	17
20	Persistence of carbon release events through the peak of early Eocene global warmth. Nature Geoscience, 2014, 7, 748-751.	12.9	95
21	Pliocene switch in orbitalâ€scale carbon cycle/climate dynamics. Paleoceanography, 2014, 29, 1256-1266.	3.0	29
22	Marine Ecosystem Responses to Cenozoic Global Change. Science, 2013, 341, 492-498.	12.6	140
23	Recovering the true size of an Eocene hyperthermal from the marine sedimentary record. Paleoceanography, 2013, 28, 700-712.	3.0	32
24	Translation factor IF2 at the interface of transposition and replication by the PriAâ€PriC pathway. Molecular Microbiology, 2007, 66, 1566-1578.	2.5	22