

Sandra Kirtland Turner

List of Publications by Year in descending order

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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	Past climates inform our future. <i>Science</i> , 2020, 370, .	12.6	253
2	Marine Ecosystem Responses to Cenozoic Global Change. <i>Science</i> , 2013, 341, 492-498.	12.6	140
3	Persistence of carbon release events through the peak of early Eocene global warmth. <i>Nature Geoscience</i> , 2014, 7, 748-751.	12.9	95
4	The DeepMIP contribution to PMIP4: experimental design for model simulations of the EECO, PETM, and pre-PETM (version 1.0). <i>Geoscientific Model Development</i> , 2017, 10, 889-901.	3.6	90
5	An abyssal carbonate compensation depth overshoot in the aftermath of the Palaeocene–Eocene Thermal Maximum. <i>Nature Geoscience</i> , 2016, 9, 575-580.	12.9	73
6	Towards a robust and consistent middle Eocene astronomical timescale. <i>Earth and Planetary Science Letters</i> , 2018, 486, 94-107.	4.4	65
7	Development of a novel empirical framework for interpreting geological carbon isotope excursions, with implications for the rate of carbon injection across the PETM. <i>Earth and Planetary Science Letters</i> , 2016, 435, 1-13.	4.4	63
8	A probabilistic assessment of the rapidity of PETM onset. <i>Nature Communications</i> , 2017, 8, 353.	12.8	48
9	Constraints on the onset duration of the Paleocene–Eocene Thermal Maximum. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170082.	3.4	35
10	Recovering the true size of an Eocene hyperthermal from the marine sedimentary record. <i>Paleoceanography</i> , 2013, 28, 700-712.	3.0	32
11	Pliocene switch in orbital-scale carbon cycle/climate dynamics. <i>Paleoceanography</i> , 2014, 29, 1256-1266.	3.0	29
12	Dynamics of sediment flux to a bathyal continental margin section through the Paleocene–Eocene Thermal Maximum. <i>Climate of the Past</i> , 2018, 14, 1035-1049.	3.4	26
13	Astronomically paced changes in deep-water circulation in the western North Atlantic during the middle Eocene. <i>Earth and Planetary Science Letters</i> , 2018, 484, 329-340.	4.4	23
14	Negative carbon isotope excursions: an interpretive framework. <i>Environmental Research Letters</i> , 2019, 14, 085014.	5.2	23
15	Early Cenozoic Decoupling of Climate and Carbonate Compensation Depth Trends. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 930-945.	2.9	23
16	Translation factor IF2 at the interface of transposition and replication by the PriA–PriC pathway. <i>Molecular Microbiology</i> , 2007, 66, 1566-1578.	2.5	22
17	Stringent response processes suppress DNA damage sensitivity caused by deficiency in full-length translation initiation factor 2 or PriA helicase. <i>Molecular Microbiology</i> , 2014, 92, 28-46.	2.5	17
18	Atlantic Deep-Sea Cherts Associated With Eocene Hyperthermal Events. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 287-299.	2.9	14

#	ARTICLE	IF	CITATIONS
19	Quantifying the Influence of Jupiter on the Earth's™s Orbital Cycles. <i>Astronomical Journal</i> , 2020, 159, 10.	4.7	13
20	Oceanic and atmospheric methane cycling in the cGENIE Earth system model " release v0.9.14. <i>Geoscientific Model Development</i> , 2020, 13, 5687-5706.	3.6	12
21	Demise of the Planktic Foraminifer Genus <i>Morozovella</i> during the Early Eocene Climatic Optimum: New Records from ODP Site 1258 (Demerara Rise, Western Equatorial Atlantic) and Site 1263 (Walvis) Tj ETQq1 1 2784314mgBT /O	2.7	11
22	Evaluation of Paleocene-Eocene Thermal Maximum Carbon Isotope Record Completeness" An Illustration of the Potential of Dynamic Time Warping in Aligning Paleo-Proxy Records. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008620.	2.5	9
23	A lattice-automaton bioturbation simulator with coupled physics, chemistry, and biology in marine sediments (eLABS v0.2). <i>Geoscientific Model Development</i> , 2019, 12, 4469-4496.	3.6	4
24	A model for marine sedimentary carbonate diagenesis and paleoclimate proxy signal tracking: IMP v1.0. <i>Geoscientific Model Development</i> , 2021, 14, 5999-6023.	3.6	3