

Linda E Sohl

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,920
citations

361388

20
h-index

414395

32
g-index

64
all docs

64
docs citations

64
times ranked

2600
citing authors

#	ARTICLE	IF	CITATIONS
1	Are Proterozoic cap carbonates and isotopic excursions a record of gas hydrate destabilization following Earth's coldest intervals?. <i>Geology</i> , 2001, 29, 443.	4.4	317
2	Neoproterozoic stratigraphic comparison of the Lesser Himalaya (India) and Yangtze block (south) Tj ETQq0 0 0 rgBT/Overlogg, 10 Tf 50	4.4	292
3	Large-scale features of Pliocene climate: results from the Pliocene Model Intercomparison Project. <i>Climate of the Past</i> , 2013, 9, 191-209.	3.4	289
4	Paleomagnetism and Detrital Zircon Geochronology of the Upper Vindhyan Sequence, Son Valley and Rajasthan, India: A ca. 1000Ma Closure age for the Purana Basins?. <i>Precambrian Research</i> , 2008, 164, 137-159.	2.7	237
5	Was Venus the first habitable world of our solar system?. <i>Geophysical Research Letters</i> , 2016, 43, 8376-8383.	4.0	233
6	Paleomagnetic polarity reversals in Marinoan (ca. 600 Ma) glacial deposits of Australia: Implications for the duration of low-latitude glaciation in Neoproterozoic time. <i>Bulletin of the Geological Society of America</i> , 1999, 111, 1120-1139.	3.3	190
7	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 1). <i>Geoscientific Model Development</i> , 2010, 3, 227-242.	3.6	168
8	Challenges in quantifying Pliocene terrestrial warming revealed by dataâ€“model discord. <i>Nature Climate Change</i> , 2013, 3, 969-974.	18.8	132
9	Sea Surface Temperature of the mid-Piacenzian Ocean: A Data-Model Comparison. <i>Scientific Reports</i> , 2013, 3, 2013.	3.3	124
10	Resolving Orbital and Climate Keys of Earth and Extraterrestrial Environments with Dynamics (ROCKE-3D) 1.0: A General Circulation Model for Simulating the Climates of Rocky Planets. <i>Astrophysical Journal, Supplement Series</i> , 2017, 231, 12.	7.7	106
11	The Pliocene Model Intercomparison Project Phase 2: large-scale climate features and climate sensitivity. <i>Climate of the Past</i> , 2020, 16, 2095-2123.	3.4	93
12	Climate forcings and the initiation of low-latitude ice sheets during the Neoproterozoic Varanger glacial interval. <i>Journal of Geophysical Research</i> , 2000, 105, 20737-20756.	3.3	92
13	Mid-Pliocene East Asian monsoon climate simulated in the PlioMIP. <i>Climate of the Past</i> , 2013, 9, 2085-2099.	3.4	60
14	Evaluating the dominant components of warming in Pliocene climate simulations. <i>Climate of the Past</i> , 2014, 10, 79-90.	3.4	58
15	Mid-pliocene Atlantic Meridional Overturning Circulation not unlike modern. <i>Climate of the Past</i> , 2013, 9, 1495-1504.	3.4	50
16	Considering a Neoproterozoic Snowball Earth. <i>Science</i> , 1999, 284, 1087a-1087.	12.6	36
17	Using results from the PlioMIP ensemble to investigate the Greenland Ice Sheet during the mid-Pliocene Warm Period. <i>Climate of the Past</i> , 2015, 11, 403-424.	3.4	35
18	Simulations of the mid-Pliocene Warm Period using two versions of the NASA/GISS ModelE2-R Coupled Model. <i>Geoscientific Model Development</i> , 2013, 6, 517-531.	3.6	34

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19	TRAPPIST Habitable Atmosphere Intercomparison (THAI) Workshop Report. Planetary Science Journal, 2021, 2, 106.	3.6	29
20	Impact of a permanent El Niño (El Padre) and Indian Ocean Dipole in warm Pliocene climates. Paleoceanography, 2009, 24, .	3.0	26
21	Climate-Ice Sheet Simulations of Neoproterozoic Glaciation Before and After Collapse to Snowball Earth. Geophysical Monograph Series, 0, , 91-105.	0.1	21
22	Evaluation of Arctic warming in mid-Pliocene climate simulations. Climate of the Past, 2020, 16, 2325-2341.	3.4	21
23	Evaluating the large-scale hydrological cycle response within the Pliocene Model Intercomparison Project Phase 2 (PlioMIP2) ensemble. Climate of the Past, 2021, 17, 2537-2558.	3.4	21
24	Mid-Pliocene Atlantic Meridional Overturning Circulation simulated in PlioMIP2. Climate of the Past, 2021, 17, 529-543.	3.4	20
25	Neoproterozoic Glaciations and the Fossil Record. Geophysical Monograph Series, 0, , 199-214.	0.1	19
26	Albedos, Equilibrium Temperatures, and Surface Temperatures of Habitable Planets. Astrophysical Journal, 2019, 884, 75.	4.5	18
27	Geochemical Climate Proxies Applied to the Neoproterozoic Glacial Succession on the Yangtze Platform, South China. Geophysical Monograph Series, 0, , 13-32.	0.1	14
28	Mid-Pliocene West African Monsoon rainfall as simulated in the PlioMIP2 ensemble. Climate of the Past, 2021, 17, 1777-1794.	3.4	10
29	Reduced El Niño variability in the mid-Pliocene according to the PlioMIP2 ensemble. Climate of the Past, 2021, 17, 2427-2450.	3.4	10
30	Teleconnections in a warmer climate: the pliocene perspective. Climate Dynamics, 2011, 37, 1869-1887.	3.8	8
31	Neoproterozoic Glaciation: Reconciling Low Paleolatitudes and the Geologic Record. Geophysical Monograph Series, 0, , 145-159.	0.1	8
32	Earth's Earliest Extensive Glaciations: Tectonic Setting and Stratigraphic Context of Paleoproterozoic Glaciogenic Deposits. Geophysical Monograph Series, 0, , 161-181.	0.1	8
33	Formerly-Aragonite Seafloor Fans from Neoproterozoic Strata, Death Valley and Southeastern Idaho, United States: Implications for "Cap Carbonate" Formation and Snowball Earth. Geophysical Monograph Series, 0, , 33-44.	0.1	7
34	Climate, Paleoecology and Abrupt Change During the Late Proterozoic: A Consideration of Causes and Effects. Geophysical Monograph Series, 0, , 215-229.	0.1	6
35	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
36	Interpreting the Neoproterozoic Glacial Record: The Importance of Tectonics. Geophysical Monograph Series, 2013, , 125-144.	0.1	5

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37	Global Tectonic Setting and Climate of the Late Neoproterozoic: A Climate-Geochemical Coupled Study. Geophysical Monograph Series, 0, , 79-89.	0.1	5
38	Teaching anthropogenic global climate change (AGCC) using climate models. Journal of Geography in Higher Education, 2019, 43, 527-543.	2.6	5
39	Reconstructing Neoproterozoic palaeoclimates using a combined data/modelling approach. , 0, , 61-80.		5
40	A Review of Neoproterozoic Climate Modeling Studies. Geophysical Monograph Series, 0, , 73-78.	0.1	1
41	High Obliquity as an Alternative Hypothesis to Early and Late Proterozoic Extreme Climate Conditions. Geophysical Monograph Series, 0, , 183-192.	0.1	1
42	Introduction: The Proterozoic. Geophysical Monograph Series, 2013, , 1-4.	0.1	0