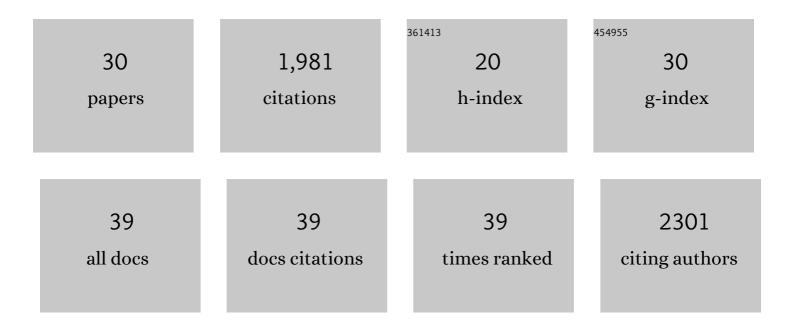
## Colin Goldblatt

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6535475/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Nitrogen-enhanced greenhouse warming on earlyÂEarth. Nature Geoscience, 2009, 2, 891-896.	12.9	247
2	Bistability of atmospheric oxygen and the Great Oxidation. Nature, 2006, 443, 683-686.	27.8	243
3	A PATCHY CLOUD MODEL FOR THE L TO T DWARF TRANSITION. Astrophysical Journal Letters, 2010, 723, L117-L121.	8.3	164
4	The nitrogen budget of Earth. Earth-Science Reviews, 2015, 148, 150-173.	9.1	148
5	The Astrobiology Primer v2.0. Astrobiology, 2016, 16, 561-653.	3.0	133
6	Low simulated radiation limit for runaway greenhouse climates. Nature Geoscience, 2013, 6, 661-667.	12.9	126
7	Tidal Venuses: Triggering a Climate Catastrophe via Tidal Heating. Astrobiology, 2013, 13, 225-250.	3.0	124
8	The runaway greenhouse: implications for future climate change, geoengineering and planetary atmospheres. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 4197-4216.	3.4	84
9	Timing of Neoproterozoic glaciations linked to transport-limited global weathering. Nature Geoscience, 2011, 4, 861-864.	12.9	83
10	DIFFERENCES IN WATER VAPOR RADIATIVE TRANSFER AMONG 1D MODELS CAN SIGNIFICANTLY AFFECT THE INNER EDGE OF THE HABITABLE ZONE. Astrophysical Journal, 2016, 826, 222.	4.5	68
11	Radiative forcing at high concentrations of wellâ€mixed greenhouse gases. Geophysical Research Letters, 2014, 41, 152-160.	4.0	65
12	Clouds and the Faint Young Sun Paradox. Climate of the Past, 2011, 7, 203-220.	3.4	61
13	Venus as a Laboratory for Exoplanetary Science. Journal of Geophysical Research E: Planets, 2019, 124, 2015-2028.	3.6	59
14	Faint young Sun paradox remains. Nature, 2011, 474, E1-E1.	27.8	56
15	A 1D microphysical cloud model for Earth, and Earth-like exoplanets: Liquid water and water ice clouds in the convective troposphere. Icarus, 2012, 221, 603-616.	2.5	56
16	Methane bursts as a trigger for intermittent lake-forming climates on post-Noachian Mars. Nature Geoscience, 2017, 10, 737-740.	12.9	49
17	Habitability of Waterworlds: Runaway Greenhouses, Atmospheric Expansion, and Multiple Climate States of Pure Water Atmospheres. Astrobiology, 2015, 15, 362-370.	3.0	38
18	Using raindrops to constrain past atmospheric density. Earth and Planetary Science Letters, 2015, 413, 51-58.	4.4	33

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#	Article	IF	CITATIONS
19	EarthN: A New Earth System Nitrogen Model. Geochemistry, Geophysics, Geosystems, 2018, 19, 2516-2542.	2.5	30
20	Radiative forcings for 28 potential Archean greenhouse gases. Climate of the Past, 2014, 10, 1779-1801.	3.4	25
21	The Eons of Chaos and Hades. Solid Earth, 2010, 1, 1-3.	2.8	19
22	An evaluation of the longâ€wave radiative transfer code used in the Met Office Unified Model. Quarterly Journal of the Royal Meteorological Society, 2009, 135, 619-633.	2.7	17
23	Diminished greenhouse warming from Archean methane due to solar absorption lines. Climate of the Past, 2015, 11, 559-570.	3.4	12
24	Earth's long-term climate stabilized by clouds. Nature Geoscience, 2021, 14, 143-150.	12.9	9
25	The Effect of Ocean Salinity on Climate and Its Implications for Earth's Habitability. Geophysical Research Letters, 2022, 49, .	4.0	9
26	Measurement of geologic nitrogen using mass spectrometry, colorimetry, and a newly adapted fluorometry technique. Solid Earth, 2017, 8, 307-318.	2.8	7
27	The Palaeoclimate and Terrestrial Exoplanet Radiative Transfer Model Intercomparison Project (PALAEOTRIP): experimental design and protocols. Geoscientific Model Development, 2017, 10, 3931-3940.	3.6	4
28	Evidence for Radiative onvective Bistability in Tropical Atmospheres. Geophysical Research Letters, 2018, 45, 10,673-10,681.	4.0	4
29	Atmospheric Evolution. Encyclopedia of Earth Sciences Series, 2018, , 1-15.	0.1	1
30	Atmospheric Evolution. Encyclopedia of Earth Sciences Series, 2018, , 62-76.	0.1	1