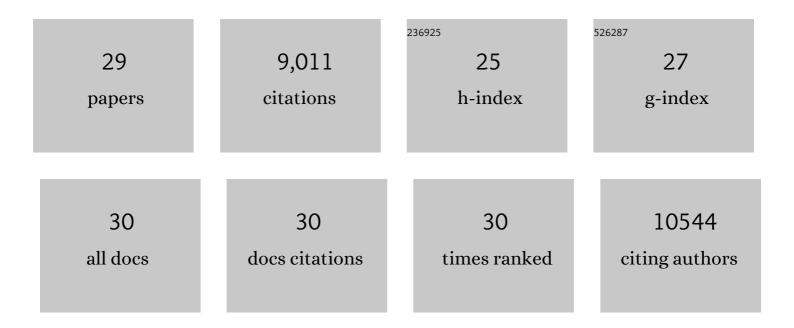
## James E Hansen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3468784/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The role of long-lived greenhouse gases as principal LW control knob that governs the global surface temperature for past and future climate change. Tellus, Series B: Chemical and Physical Meteorology, 2022, 65, 19734.	1.6	30
2	Foreword: uncensored science is crucial for global conservation. , 2021, , xxv-lvi.		0
3	Potential for large-scale CO2 removal via enhanced rock weathering with croplands. Nature, 2020, 583, 242-248.	27.8	263
4	Antarctic Glacial Melt as a Driver of Recent Southern Ocean Climate Trends. Geophysical Research Letters, 2020, 47, e2019GL086892.	4.0	34
5	Heat stored in the Earth system: where does the energy go?. Earth System Science Data, 2020, 12, 2013-2041.	9.9	181
6	Improvements in the GISTEMP Uncertainty Model. Journal of Geophysical Research D: Atmospheres, 2019, 124, 6307-6326.	3.3	474
7	Farming with crops and rocks to address global climate, food and soil security. Nature Plants, 2018, 4, 138-147.	9.3	226
8	Cost of Carbon Capture: Can Young People Bear the Burden?. Joule, 2018, 2, 1405-1407.	24.0	18
9	Young people's burden: requirement of negative CO <sub>2</sub> emissions. Earth System Dynamics, 2017, 8, 577-616.	7.1	189
10	Regional climate change and national responsibilities. Environmental Research Letters, 2016, 11, 034009.	5.2	96
11	China-U.S. cooperation to advance nuclear power. Science, 2016, 353, 547-548.	12.6	50
12	Ice melt, sea level rise and superstorms: evidence from paleoclimate data, climate modeling, and modern observations that 2 ŰC global warming could be dangerous. Atmospheric Chemistry and Physics, 2016, 16, 3761-3812.	4.9	421
13	Enhanced weathering strategies for stabilizing climate and averting ocean acidification. Nature Climate Change, 2016, 6, 402-406.	18.8	184
14	Environment and Development Challenges. , 2015, , .		2
15	CMIP5 historical simulations (1850–2012) with GISS ModelE2. Journal of Advances in Modeling Earth Systems, 2014, 6, 441-478.	3.8	133
16	Configuration and assessment of the GISS ModelE2 contributions to the CMIP5 archive. Journal of Advances in Modeling Earth Systems, 2014, 6, 141-184.	3.8	597
17	Climate sensitivity, sea level and atmospheric carbon dioxide. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120294.	3.4	429
18	Climate forcing growth rates: doubling down on our Faustian bargain. Environmental Research Letters, 2013, 8, 011006.	5.2	34

JAMES E HANSEN

#	Article	IF	CITATIONS
19	Assessing "Dangerous Climate Changeâ€: Required Reduction of Carbon Emissions to Protect Young People, Future Generations and Nature. PLoS ONE, 2013, 8, e81648.	2.5	448
20	Implications of "peak oil―for atmospheric CO <sub>2</sub> and climate. Global Biogeochemical Cycles, 2008, 22, .	4.9	87
21	Target Atmospheric CO: Where Should Humanity Aim?. The Open Atmospheric Science Journal, 2008, 2, 217-231.	0.5	893
22	Accurate Monitoring of Terrestrial Aerosols and Total Solar Irradiance: Introducing the Glory Mission. Bulletin of the American Meteorological Society, 2007, 88, 677-692.	3.3	277
23	Climate change and trace gases. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2007, 365, 1925-1954.	3.4	323
24	Present-Day Atmospheric Simulations Using GISS ModelE: Comparison to In Situ, Satellite, and Reanalysis Data. Journal of Climate, 2006, 19, 153-192.	3.2	832
25	A slippery slope: How much global warming constitutes ?dangerous anthropogenic interference??. Climatic Change, 2005, 68, 269-279.	3.6	162
26	Earth's Energy Imbalance: Confirmation and Implications. Science, 2005, 308, 1431-1435.	12.6	728
27	Greenhouse gas growth rates. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16109-16114.	7.1	232
28	Stratospheric aerosol optical depths, 1850–1990. Journal of Geophysical Research, 1993, 98, 22987-22994.	3.3	795
29	Global trends of measured surface air temperature. Journal of Geophysical Research, 1987, 92,	3.3	863