

# James E Hansen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11563026/publications.pdf>

Version: 2024-02-01

29  
papers

7,860  
citations

361296

20  
h-index

580701

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

6534  
citing authors

#	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. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 65, 19734.	0.8	30
2	Foreword: uncensored science is crucial for global conservation. , 2021, , xxv-lvi.		0
3	CMIP5 historical simulations (1850–2012) with GISS ModelE2. <i>Journal of Advances in Modeling Earth Systems</i> , 2014, 6, 441-478.	1.3	133
4	Configuration and assessment of the GISS ModelE2 contributions to the CMIP5 archive. <i>Journal of Advances in Modeling Earth Systems</i> , 2014, 6, 141-184.	1.3	597
5	Prevented Mortality and Greenhouse Gas Emissions from Historical and Projected Nuclear Power. <i>Environmental Science &amp; Technology</i> , 2013, 47, 4889-4895.	4.6	212
6	Response to Comment on “Prevented Mortality and Greenhouse Gas Emissions from Historical and Projected Nuclear Power”, <i>Environmental Science &amp; Technology</i> , 2013, 47, 6718-6719.	4.6	5
7	Response to Comment by Rabilloud on “Prevented Mortality and Greenhouse Gas Emissions from Historical and Projected Nuclear Power”, <i>Environmental Science &amp; Technology</i> , 2013, 47, 13900-13901.	4.6	3
8	Paleoclimate Implications for Human-Made Climate Change. , 2012, , 21-47.		88
9	Options for Near-Term Phaseout of CO <sub>2</sub> Emissions from Coal Use in the United States. <i>Environmental Science &amp; Technology</i> , 2010, 44, 4050-4062.	4.6	30
10	Solar and anthropogenic forcing of tropical hydrology. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	89
11	Present-Day Atmospheric Simulations Using GISS ModelE: Comparison to In Situ, Satellite, and Reanalysis Data. <i>Journal of Climate</i> , 2006, 19, 153-192.	1.2	832
12	A slippery slope: How much global warming constitutes “dangerous anthropogenic interference?”. <i>Climatic Change</i> , 2005, 68, 269-279.	1.7	162
13	Monitoring of aerosol forcing of climate from space: analysis of measurement requirements. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2004, 88, 149-161.	1.1	211
14	Climate Simulations for 1951–2050 with a Coupled Atmosphere–Ocean Model. <i>Journal of Climate</i> , 2003, 16, 2807-2826.	1.2	38
15	Stratospheric aerosol optical depths, 1850–1990. <i>Journal of Geophysical Research</i> , 1993, 98, 22987-22994.	3.3	795
16	Sun and dust versus greenhouse gases: an assessment of their relative roles in global climate change. <i>Nature</i> , 1990, 346, 713-719.	13.7	297
17	Climate sensitivity: Analysis of feedback mechanisms. <i>Geophysical Monograph Series</i> , 1984, , 130-163.	0.1	791
18	CLIMATIC EFFECTS OF ATMOSPHERIC AEROSOLS. <i>Annals of the New York Academy of Sciences</i> , 1980, 338, 575-587.	1.8	74

#	ARTICLE	IF	CITATIONS
19	Nature of the Venus Clouds as Derived from Their Polarization. Symposium - International Astronomical Union, 1974, 65, 197-200.	0.1	0
20	Light scattering in planetary atmospheres. Space Science Reviews, 1974, 16, 527-610.	3.7	2,366
21	Interpretation of the Polarization of Venus. Journals of the Atmospheric Sciences, 1974, 31, 1137-1160.	0.6	443
22	Nature of the Venus Clouds as Derived from Their Polarization. , 1974, , 197-200.		1
23	On the interpretation of the "inverse phase effect" for CO2 equivalent widths on Venus. Icarus, 1973, 20, 146-152.	1.1	17
24	Multiple Scattering of Polarized Light in Planetary Atmospheres Part II. Sunlight Reflected by Terrestrial Water Clouds. Journals of the Atmospheric Sciences, 1971, 28, 1400-1426.	0.6	273
25	Multiple Scattering of Polarized Light in Planetary Atmospheres. Part I. The Doubling Method. Journals of the Atmospheric Sciences, 1971, 28, 120-125.	0.6	135
26	Circular Polarization of Sunlight Reflected by Clouds. Journals of the Atmospheric Sciences, 1971, 28, 1515-1516.	0.6	25
27	Intensity and Polarization for Single Scattering by Polydisperse Spheres: A Comparison of Ray Optics and Mie Theory. Journals of the Atmospheric Sciences, 1971, 28, 995-1004.	0.6	82
28	Near-Infrared Light Scattering by Terrestrial Clouds. Journals of the Atmospheric Sciences, 1970, 27, 265-281.	0.6	115
29	Light illuminance and color in the Earth's shadow. Journal of Geophysical Research, 1966, 71, 1073-1081.	3.3	16