James E Hansen

List of Publications by Year in descending order

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IAMES F HANSEN

#	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	CMIP5 historical simulations (1850–2012) with GISS ModelE2. Journal of Advances in Modeling Earth Systems, 2014, 6, 441-478.	3.8	133
4	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
5	Prevented Mortality and Greenhouse Gas Emissions from Historical and Projected Nuclear Power. Environmental Science & Technology, 2013, 47, 4889-4895.	10.0	212
6	Response to Comment on "Prevented Mortality and Greenhouse Gas Emissions from Historical and Projected Nuclear Power― Environmental Science & Technology, 2013, 47, 6718-6719.	10.0	5
7	Response to Comment by Rabilloud on "Prevented Mortality and Greenhouse Gas Emissions from Historical and Projected Nuclear Power― Environmental Science & Technology, 2013, 47, 13900-13901.	10.0	3
8	Paleoclimate Implications for Human-Made Climate Change. , 2012, , 21-47.		88
9	Options for Near-Term Phaseout of CO ₂ Emissions from Coal Use in the United States. Environmental Science & Technology, 2010, 44, 4050-4062.	10.0	30
10	Solar and anthropogenic forcing of tropical hydrology. Geophysical Research Letters, 2006, 33, .	4.0	89
11	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
12	A slippery slope: How much global warming constitutes ?dangerous anthropogenic interference??. Climatic Change, 2005, 68, 269-279.	3.6	162
13	Monitoring of aerosol forcing of climate from space: analysis of measurement requirements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 88, 149-161.	2.3	211
14	Climate Simulations for 1951–2050 with a Coupled Atmosphere–Ocean Model. Journal of Climate, 2003, 16, 2807-2826.	3.2	38
15	Stratospheric aerosol optical depths, 1850–1990. Journal of Geophysical Research, 1993, 98, 22987-22994.	3.3	795
16	Sun and dust versus greenhouse gases: an assessment of their relative roles in global climate change. Nature, 1990, 346, 713-719.	27.8	297
17	Climate sensitivity: Analysis of feedback mechanisms. Geophysical Monograph Series, 1984, , 130-163.	0.1	791
18	CLIMATIC EFFECTS OF ATMOSPHERIC AEROSOLS. Annals of the New York Academy of Sciences, 1980, 338, 575-587.	3.8	74

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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.	8.1	2,366
21	Interpretation of the Polarization of Venus. Journals of the Atmospheric Sciences, 1974, 31, 1137-1160.	1.7	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.	2.5	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.	1.7	273
25	Multiple Scattering of Polarized Light in Planetary Atmospheres. Part I. The Doubling Method. Journals of the Atmospheric Sciences, 1971, 28, 120-125.	1.7	135
26	Circular Polarization of Sunlight Reflected by Clouds. Journals of the Atmospheric Sciences, 1971, 28, 1515-1516.	1.7	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.	1.7	82
28	Near-Infrared Light Scattering by Terrestrial Clouds. Journals of the Atmospheric Sciences, 1970, 27, 265-281.	1.7	115
29	Light illuminance and color in the Earth's shadow. Journal of Geophysical Research, <u>1966, 71, 1073-1081.</u>	3.3	16