

# Alan Robock

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

260  
papers

19,208  
citations

75  
h-index

133  
g-index

299  
ext. papers

21,429  
ext. citations

7.3  
avg, IF

6.83  
L-index

#	Paper	IF	Citations
260	Future Geoengineering Scenarios: Balancing Policy Relevance and Scientific Significance. <i>Bulletin of the American Meteorological Society</i> , <b>2022</b> , 103, E817-E820	6.1	0
259	Effects of forcing differences and initial conditions on inter-model agreement in the VolMIP volc-pinatubo-full experiment. <i>Geoscientific Model Development</i> , <b>2022</b> , 15, 2265-2292	6.3	2
258	Solar geoengineering could redistribute malaria risk in developing countries.. <i>Nature Communications</i> , <b>2022</b> , 13, 2150	17.4	0
257	The International Soil Moisture Network: serving Earth system science for over a decade. <i>Hydrology and Earth System Sciences</i> , <b>2021</b> , 25, 5749-5804	5.5	22
256	Volcanic climate impacts can act as ultimate and proximate causes of Chinese dynastic collapse. <i>Communications Earth &amp; Environment</i> , <b>2021</b> , 2,	6.1	2
255	Model physics and chemistry causing intermodel disagreement within the VolMIP-Tambora Interactive Stratospheric Aerosol ensemble. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 3317-3343	6.8	12
254	Comparing different generations of idealized solar geoengineering simulations in the Geoengineering Model Intercomparison Project (GeoMIP). <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 4231-4247	6.8	7
253	Potential ecological impacts of climate intervention by reflecting sunlight to cool Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	11
252	Robust winter warming over Eurasia under stratospheric sulfate geoengineering [the role of stratospheric dynamics. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 6985-6997	6.8	8
251	The Influence of Stratospheric Soot and Sulfate Aerosols on the Northern Hemisphere Wintertime Atmospheric Circulation. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2020JD034513	4.4	4
250	North Atlantic Oscillation response in GeoMIP experiments G6solar and G6sulfur: why detailed modelling is needed for understanding regional implications of solar radiation management. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 1287-1304	6.8	7
249	Nuclear Ni <sup>18</sup> response observed in simulations of nuclear war scenarios. <i>Communications Earth &amp; Environment</i> , <b>2021</b> , 2,	6.1	4
248	Extreme Ozone Loss Following Nuclear War Results in Enhanced Surface Ultraviolet Radiation. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2021JD035079	4.4	1
247	Making Your Own Luck: A Meaningful Career From Being Open to Opportunities. <i>Perspectives of Earth and Space Scientists</i> , <b>2020</b> , 1, e2020CN000133	0.1	
246	A regional nuclear conflict would compromise global food security. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 7071-7081	11.5	18
245	The Potential Impact of Nuclear Conflict on Ocean Acidification. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2019GL086246	4.9	3
244	Reaching 1.5 and 2.0 °C global surface temperature targets using stratospheric aerosol geoengineering. <i>Earth System Dynamics</i> , <b>2020</b> , 11, 579-601	4.8	18

243	Can stratospheric geoengineering alleviate global warming-induced changes in deciduous fruit cultivation? The case of Himachal Pradesh (India). <i>Climatic Change</i> , <b>2020</b> , 162, 1323-1343	4.5	3
242	Marine wild-capture fisheries after nuclear war. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 29748-29758	11.5	6
241	Comment on "No consistent ENSO response to volcanic forcing over the last millennium". <i>Science</i> , <b>2020</b> , 369,	33.3	4
240	100 Years of Progress in Understanding the Stratosphere and Mesosphere. <i>Meteorological Monographs</i> , <b>2019</b> , 59, 27.1-27.62	5.7	22
239	Rapidly expanding nuclear arsenals in Pakistan and India portend regional and global catastrophe. <i>Science Advances</i> , <b>2019</b> , 5, eaay5478	14.3	27
238	Modeling the 1783-1784 Laki Eruption in Iceland: 2. Climate Impacts. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 6770-6790	4.4	16
237	Modeling the 1783-1784 Laki Eruption in Iceland: 1. Aerosol Evolution and Global Stratospheric Circulation Impacts. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 6750-6769	4.4	11
236	Black carbon lofts wildfire smoke high into the stratosphere to form a persistent plume. <i>Science</i> , <b>2019</b> , 365, 587-590	33.3	87
235	Nuclear Winter Responses to Nuclear War Between the United States and Russia in the Whole Atmosphere Community Climate Model Version 4 and the Goddard Institute for Space Studies ModelE. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 8522-8543	4.4	24
234	How an India-Pakistan nuclear war could start—and have global consequences. <i>Bulletin of the Atomic Scientists</i> , <b>2019</b> , 75, 273-279	1.6	5
233	Comment on "Climate Impact of a Regional Nuclear Weapon Exchange: An Improved Assessment Based on Detailed Source Calculations" by Reisner et al.. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 12953-12958	4.4	3
232	Potentially dangerous consequences for biodiversity of solar geoengineering implementation and termination. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 475-482	12.3	52
231	Multi-model comparison of the volcanic sulfate deposition from the 1815 eruption of Mt. Tambora. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 2307-2328	6.8	31
230	How well does the European Centre for Medium-Range Weather Forecasting Interim Reanalysis represent the surface air temperature in Cuban weather stations?. <i>International Journal of Climatology</i> , <b>2018</b> , 38, 1216-1233	3.5	3
229	Ecological, Agricultural, and Health Impacts of Solar Geoengineering <b>2018</b> , 291-303		1
228	Impact of Volcanic Eruptions on Decadal to Centennial Fluctuations of Arctic Sea Ice Extent during the Last Millennium and on Initiation of the Little Ice Age. <i>Journal of Climate</i> , <b>2018</b> , 31, 2145-2167	4.4	34
227	Volcanoes: Role in Climate <b>2018</b> ,		
226	Anticipating future Volcanic Explosivity Index (VEI) 7 eruptions and their chilling impacts <b>2018</b> , 14, 572-603		46

225	The climate effects of increasing ocean albedo: an idealized representation of solar geoengineering. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 13097-13113	6.8	11
224	Did Smoke From City Fires in World War II Cause Global Cooling?. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 10,314	4.4	1
223	The Sky in Edvard Munch's The Scream. <i>Bulletin of the American Meteorological Society</i> , <b>2018</b> , 99, 1377-1390		3
222	LALINET: The First Latin American-Born Regional Atmospheric Observational Network. <i>Bulletin of the American Meteorological Society</i> , <b>2017</b> , 98, 1255-1275	6.1	16
221	Tropical explosive volcanic eruptions can trigger El Niño by cooling tropical Africa. <i>Nature Communications</i> , <b>2017</b> , 8, 778	17.4	82
220	Impacts of Stratospheric Sulfate Geoengineering on Tropospheric Ozone <b>2017</b> ,		1
219	Northern Hemisphere Winter Warming and Summer Monsoon Reduction after Volcanic Eruptions over the Last Millennium. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 7971-7989	4.4	31
218	Asia Treads the Nuclear Path, Unaware That Self-Assured Destruction Would Result from Nuclear War. <i>Journal of Asian Studies</i> , <b>2017</b> , 76, 437-456	0.1	6
217	The G4Foam Experiment: global climate impacts of regional ocean albedo modification. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 595-613	6.8	11
216	Impacts of stratospheric sulfate geoengineering on tropospheric ozone. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 11913-11928	6.8	27
215	Understanding How Climate Engineering Can Offset Climate Change. <i>Eos</i> , <b>2017</b> ,	1.5	2
214	Stratospheric sulfate geoengineering could enhance the terrestrial photosynthesis rate. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 1479-1489	6.8	50
213	Winter warming and summer monsoon reduction after volcanic eruptions in Coupled Model Intercomparison Project 5 (CMIP5) simulations. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 10,920-10,928	4.9	37
212	The Model Intercomparison Project on the climatic response to Volcanic forcing (VolMIP): Experimental design and forcing input data <b>2016</b> ,		2
211	The Model Intercomparison Project on the climatic response to Volcanic forcing (VolMIP): experimental design and forcing input data for CMIP6. <i>Geoscientific Model Development</i> , <b>2016</b> , 9, 2701-2719	6.3	99
210	Modelled and observed sea surface temperature trends for the Caribbean and Antilles. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 1873-1886	3.5	12
209	Tambora 1815 as a test case for high impact volcanic eruptions: Earth system effects. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , <b>2016</b> , 7, 569-589	8.4	74
208	Albedo enhancement by stratospheric sulfur injections: More research needed. <i>Earth's Future</i> , <b>2016</b> , 4, 644-648	7.9	18

207	Climatic Impacts of Volcanic Eruptions <b>2015</b> , 935-942		7
206	Resilience to global food supply catastrophes. <i>Environment Systems and Decisions</i> , <b>2015</b> , 35, 301-313	4.1	30
205	Stratospheric aerosol geoengineering <b>2015</b> ,		6
204	Allergenic pollen season variations in the past two decades under changing climate in the United States. <i>Global Change Biology</i> , <b>2015</b> , 21, 1581-9	11.4	63
203	Decadal reduction of Chinese agriculture after a regional nuclear war. <i>Earth's Future</i> , <b>2015</b> , 3, 37-48	7.9	22
202	Stratospheric geoengineering impacts on El Niño/Southern Oscillation. <i>Atmospheric Chemistry and Physics</i> , <b>2015</b> , 15, 11949-11966	6.8	14
201	Cooperation on GPS Meteorology between the United States and Cuba. <i>Bulletin of the American Meteorological Society</i> , <b>2015</b> , 96, 1079-1088	6.1	6
200	The Geoengineering Model Intercomparison Project Phase 6 (GeoMIP6): simulation design and preliminary results. <i>Geoscientific Model Development</i> , <b>2015</b> , 8, 3379-3392	6.3	85
199	A new Geoengineering Model Intercomparison Project (GeoMIP) experiment designed for climate and chemistry models. <i>Geoscientific Model Development</i> , <b>2015</b> , 8, 43-49	6.3	37
198	Influences of soil moisture and vegetation on convective precipitation forecasts over the United States Great Plains. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 9338-9358	4.4	27
197	Reply to comment by Cole-Dai et al. on "Climatic impact of the long-lasting Laki eruption: Inapplicability of mass-independent sulfur isotope composition measurements" <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 6636-6637	4.4	
196	Arctic cryosphere response in the Geoengineering Model Intercomparison Project G3 and G4 scenarios. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 1308-1321	4.4	31
195	Ocean response to volcanic eruptions in Coupled Model Intercomparison Project 5 simulations. <i>Journal of Geophysical Research: Oceans</i> , <b>2014</b> , 119, 5622-5637	3.3	75
194	Stratospheric ozone response to sulfate geoengineering: Results from the Geoengineering Model Intercomparison Project (GeoMIP). <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 2629-2653	4.4	128
193	A multimodel examination of climate extremes in an idealized geoengineering experiment. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 3900-3923	4.4	60
192	Reply to Comment on "The Latest on Volcanic Eruptions and Climate" <i>Eos</i> , <b>2014</b> , 95, 353-353	1.5	2
191	Future Directions in Simulating Solar Geoengineering. <i>Eos</i> , <b>2014</b> , 95, 280-280	1.5	4
190	Key factors governing uncertainty in the response to sunshade geoengineering from a comparison of the GeoMIP ensemble and a perturbed parameter ensemble. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 7946-7962	4.4	9

189	Arctic sea ice and atmospheric circulation under the GeoMIP G1 scenario. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 567-583	4.4	39
188	Solar radiation management impacts on agriculture in China: A case study in the Geoengineering Model Intercomparison Project (GeoMIP). <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 8695-8711	4.4	42
187	A multi-model assessment of regional climate disparities caused by solar geoengineering. <i>Environmental Research Letters</i> , <b>2014</b> , 9, 074013	6.2	77
186	Partnering with Cuba: weather extremes. <i>Science</i> , <b>2014</b> , 345, 278	33.3	2
185	Environmental consequences of nuclear war <b>2014</b> ,		7
184	Multidecadal global cooling and unprecedented ozone loss following a regional nuclear conflict. <i>Earth's Future</i> , <b>2014</b> , 2, 161-176	7.9	49
183	CHAPTER 7:Stratospheric Aerosol Geoengineering. <i>Issues in Environmental Science and Technology</i> , <b>2014</b> , 162-185	0.7	29
182	Forcings and feedbacks in the GeoMIP ensemble for a reduction in solar irradiance and increase in CO <sub>2</sub> . <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 5226-5239	4.4	18
181	Climate model response from the Geoengineering Model Intercomparison Project (GeoMIP). <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 8320-8332	4.4	195
180	An overview of the Geoengineering Model Intercomparison Project (GeoMIP). <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 13,103-13,107	4.4	40
179	Studying geoengineering with natural and anthropogenic analogs. <i>Climatic Change</i> , <b>2013</b> , 121, 445-458	4.5	61
178	Robust Results From Climate Model Simulations of Geoengineering. <i>Eos</i> , <b>2013</b> , 94, 292-292	1.5	7
177	Impacts of a nuclear war in South Asia on rice production in Mainland China. <i>Climatic Change</i> , <b>2013</b> , 116, 357-372	4.5	27
176	Impacts of a nuclear war in South Asia on soybean and maize production in the Midwest United States. <i>Climatic Change</i> , <b>2013</b> , 116, 373-387	4.5	26
175	The Latest on Volcanic Eruptions and Climate. <i>Eos</i> , <b>2013</b> , 94, 305-306	1.5	13
174	Response to comments on "Large volcanic aerosol load in the stratosphere linked to Asian monsoon transport". <i>Science</i> , <b>2013</b> , 339, 647	33.3	26
173	Sea spray geoengineering experiments in the geoengineering model intercomparison project (GeoMIP): Experimental design and preliminary results. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 11,175-11,186	4.4	29
172	The impact of abrupt suspension of solar radiation management (termination effect) in experiment G2 of the Geoengineering Model Intercomparison Project (GeoMIP). <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 9743-9752	4.4	113

171	Baffin Island snow extent sensitivity: Insights from a regional climate model. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 3506-3519	4.4	3
170	The hydrological impact of geoengineering in the Geoengineering Model Intercomparison Project (GeoMIP). <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 11,036-11,058	4.4	161
169	Northern Hemispheric cryosphere response to volcanic eruptions in the Paleoclimate Modeling Intercomparison Project 3 last millennium simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 12,359-12,370	4.4	11
168	An energetic perspective on hydrological cycle changes in the Geoengineering Model Intercomparison Project. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 13,087-13,102	4.4	53
167	Evaluation of SMOS retrievals of soil moisture over the central United States with currently available in situ observations. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		60
166	Sensitivity of stratospheric geoengineering with black carbon to aerosol size and altitude of injection. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		25
165	Coupled Model Intercomparison Project 5 (CMIP5) simulations of climate following volcanic eruptions. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		203
164	Climatic impact of the long-lasting 1783 Laki eruption: Inapplicability of mass-independent sulfur isotopic composition measurements. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		26
163	Large volcanic aerosol load in the stratosphere linked to Asian monsoon transport. <i>Science</i> , <b>2012</b> , 337, 78-81	33.3	175
162	Progress in climate model simulations of geoengineering. <i>Eos</i> , <b>2012</b> , 93, 340-340	1.5	5
161	Self-assured destruction: The climate impacts of nuclear war. <i>Bulletin of the Atomic Scientists</i> , <b>2012</b> , 68, 66-74	1.6	36
160	Will Geoengineering With Solar Radiation Management Ever Be Used?. <i>Ethics, Policy and Environment</i> , <b>2012</b> , 15, 202-205	0.6	13
159	Climate effects of high-latitude volcanic eruptions: Role of the time of year. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		70
158	Simulation and observations of stratospheric aerosols from the 2009 Sarychev volcanic eruption. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		40
157	A New International Network for in Situ Soil Moisture Data. <i>Eos</i> , <b>2011</b> , 92, 141-142	1.5	42
156	Standardizing experiments in geoengineering. <i>Eos</i> , <b>2011</b> , 92, 197-197	1.5	6
155	The International Soil Moisture Network: a data hosting facility for global in situ soil moisture measurements. <i>Hydrology and Earth System Sciences</i> , <b>2011</b> , 15, 1675-1698	5.5	669
154	Modelling land cover change impact on the summer climate of the Marmara Region, Turkey. <i>International Journal of Global Warming</i> , <b>2011</b> , 3, 194	0.6	27

153	Nuclear winter is a real and present danger. <i>Nature</i> , <b>2011</b> , 473, 275-6	50.4	7
152	Bubble, bubble, toil and trouble. <i>Climatic Change</i> , <b>2011</b> , 105, 383-385	4.5	11
151	The Geoengineering Model Intercomparison Project (GeoMIP). <i>Atmospheric Science Letters</i> , <b>2011</b> , 12, 162-167	2.4	259
150	Local nuclear war, global suffering. <i>Scientific American</i> , <b>2010</b> , 302, 74-81	0.5	60
149	Atmospheric science. A test for geoengineering?. <i>Science</i> , <b>2010</b> , 327, 530-1	33.3	92
148	Negligible climatic effects from the 2008 Okmok and Kasatochi volcanic eruptions. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		33
147	Parentheses Are (Are Not) for References and Clarification (Saving Space). <i>Eos</i> , <b>2010</b> , 91, 419	1.5	
146	New START, Eyjafjallajökull, and Nuclear Winter. <i>Eos</i> , <b>2010</b> , 91, 444	1.5	1
145	Evidence of enhanced precipitation due to irrigation over the Great Plains of the United States. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		186
144	Correction to Sulfuric acid deposition from stratospheric geoengineering with sulfate aerosols□ <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		3
143	Temperature and precipitation history of the Arctic. <i>Quaternary Science Reviews</i> , <b>2010</b> , 29, 1679-1715	3.9	203
142	Geoengineering by stratospheric SO <sub>2</sub> injection: results from the Met Office HadGEM2 climate model and comparison with the Goddard Institute for Space Studies ModelE. <i>Atmospheric Chemistry and Physics</i> , <b>2010</b> , 10, 5999-6006	6.8	74
141	Large-scale water cycle perturbation due to irrigation pumping in the US High Plains: A synthesis of observed streamflow changes. <i>Journal of Hydrology</i> , <b>2010</b> , 390, 222-244	6	79
140	Impacts of land cover data quality on regional climate simulations. <i>International Journal of Climatology</i> , <b>2010</b> , 30, 1942-1953	3.5	88
139	Nuclear winter. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , <b>2010</b> , 1, 418-427	8.4	13
138	Benefits, risks, and costs of stratospheric geoengineering. <i>Geophysical Research Letters</i> , <b>2009</b> , 36,	4.9	196
137	Sulfuric acid deposition from stratospheric geoengineering with sulfate aerosols. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		59
136	Correction to Volcanic forcing of climate over the past 1500 years: An improved ice core-based index for climate models□ <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		8

135	Did the Toba volcanic eruption of ~74 ka B.P. produce widespread glaciation?. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,			112
134	Incorporating water table dynamics in climate modeling: 3. Simulated groundwater influence on coupled land-atmosphere variability. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,			107
133	20 reasons why geoengineering may be a bad idea. <i>Bulletin of the Atomic Scientists</i> , <b>2008</b> , 64, 14-18	1.6		118
132	Regional climate responses to geoengineering with tropical and Arctic SO <sub>2</sub> injections. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,			282
131	Volcanic forcing of climate over the past 1500 years: An improved ice core-based index for climate models. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,			464
130	20 reasons why geoengineering may be a bad idea. <i>Bulletin of the Atomic Scientists</i> , <b>2008</b> , 64, 14-59	1.6		136
129	Atmospheric science. Whither geoengineering?. <i>Science</i> , <b>2008</b> , 320, 1166-7	33.3		42
128	An overview of geoengineering of climate using stratospheric sulphate aerosols. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2008</b> , 366, 4007-37	3		205
127	Environmental consequences of nuclear war. <i>Physics Today</i> , <b>2008</b> , 61, 37-42	0.9		46
126	Evaluation of Intergovernmental Panel on Climate Change Fourth Assessment soil moisture simulations for the second half of the twentieth century. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,			35
125	Atmospheric volcanic loading derived from bipolar ice cores: Accounting for the spatial distribution of volcanic deposition. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,			59
124	Incorporating water table dynamics in climate modeling: 1. Water table observations and equilibrium water table simulations. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,			187
123	Incorporating water table dynamics in climate modeling: 2. Formulation, validation, and soil moisture simulation. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,			139
122	Nuclear winter revisited with a modern climate model and current nuclear arsenals: Still catastrophic consequences. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,			84
121	The continuing environmental threat of nuclear weapons: Integrated policy responses. <i>Eos</i> , <b>2007</b> , 88, 228	1.5		4
120	Southern Hemisphere atmospheric circulation effects of the 1991 Mount Pinatubo eruption. <i>Geophysical Research Letters</i> , <b>2007</b> , 34, n/a-n/a	4.9		40
119	Correction to "Volcanic eruptions and climate" <i>Reviews of Geophysics</i> , <b>2007</b> , 45, n/a-n/a	23.1		11
118	Nuclear war. Consequences of regional-scale nuclear conflicts. <i>Science</i> , <b>2007</b> , 315, 1224-5	33.3		42

117	Nuclear power challenges and alternatives. <i>Physics Today</i> , <b>2007</b> , 60, 16-16	0.9	
116	Nuclear power's costs and perils. <i>Physics Today</i> , <b>2007</b> , 60, 14-14	0.9	
115	Atmospheric effects and societal consequences of regional scale nuclear conflicts and acts of individual nuclear terrorism. <i>Atmospheric Chemistry and Physics</i> , <b>2007</b> , 7, 1973-2002	6.8	54
114	Climatic consequences of regional nuclear conflicts. <i>Atmospheric Chemistry and Physics</i> , <b>2007</b> , 7, 2003-2008	6.8	82
113	Arctic Oscillation response to volcanic eruptions in the IPCC AR4 climate models. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		180
112	Temperature trends at the surface and in the troposphere. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		47
111	The 1452 or 1453 A.D. Kuwae eruption signal derived from multiple ice core records: Greatest volcanic sulfate event of the past 700 years. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		79
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