

Constantin Andronache

List of Publications by Year in descending order

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14
papers

1,012
citations

933447

10
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1145
citing authors

#	ARTICLE	IF	CITATIONS
1	An Empirical Parameterization of Heterogeneous Ice Nucleation for Multiple Chemical Species of Aerosol. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 2757-2783.	1.7	325
2	Estimated variability of below-cloud aerosol removal by rainfall for observed aerosol size distributions. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 131-143.	4.9	182
3	Improvements to an Empirical Parameterization of Heterogeneous Ice Nucleation and Its Comparison with Observations. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 378-409.	1.7	127
4	Scavenging of ultrafine particles by rainfall at a boreal site: observations and model estimations. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 4739-4754.	4.9	95
5	Potential impacts from biological aerosols on ensembles of continental clouds simulated numerically. <i>Biogeosciences</i> , 2009, 6, 987-1014.	3.3	91
6	Estimates of sulfate aerosol wet scavenging coefficient for locations in the Eastern United States. <i>Atmospheric Environment</i> , 2004, 38, 795-804.	4.1	56
7	Anvil glaciation in a deep cumulus updraught over Florida simulated with the Explicit Microphysics Model. I: Impact of various nucleation processes. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2005, 131, 2019-2046.	2.7	51
8	Diffusion and electric charge contributions to below-cloud wet removal of atmospheric ultra-fine aerosol particles. <i>Journal of Aerosol Science</i> , 2004, 35, 1467-1482.	3.8	39
9	Precipitation removal of ultrafine aerosol particles from the atmospheric boundary layer. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	18
10	A study of the impact of the Intertropical Convergence Zone on aerosols during INDOEX. <i>Journal of Geophysical Research</i> , 2002, 107, INX2 26-1.	3.3	11
11	PRINCIPAL COMPONENT ANALYSIS OF SEA SURFACE TEMPERATURE IN THE NORTH ATLANTIC OCEAN. <i>International Journal of Modern Physics C</i> , 2009, 20, 1789-1802.	1.7	5
12	Characterization of Mixed-Phase Clouds: Contributions From the Field Campaigns and Ground Based Networks. , 2018, , 97-120.		5
13	Dependence of Daily Aerosol Wet Deposition on Precipitation at Appalachian Mountains Site in the United States. <i>Aerosol and Air Quality Research</i> , 2016, 16, 665-673.	2.1	3
14	The effects of atmospheric sulfur on the radiative properties of convective clouds: a limited area modeling study. <i>Geophysical Research Letters</i> , 1998, 25, 1423-1426.	4.0	2