

Evaluation of an entraining droplet activation parameter

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Global distribution and climate forcing of marine organic aerosol: 1. Model improvements and evaluation. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 11689-11705.	4.9	87
2	Resolving both entrainment-mixing and number of activated CCN in deep convective clouds. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12887-12900.	4.9	79
3	Uncertainty associated with convective wet removal of entrained aerosols in a global climate model. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 10725-10748.	4.9	43
4	Relationships between particles, cloud condensation nuclei and cloud droplet activation during the third Pallas Cloud Experiment. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 11435-11450.	4.9	29
5	Incorporating an advanced aerosol activation parameterization into WRF-CAM5: Model evaluation and parameterization intercomparison. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 6952-6979.	3.3	21
6	A study of aerosol activation at the cloud edge with high resolution numerical simulations. <i>Atmospheric Research</i> , 2015, 153, 49-58.	4.1	4
7	Reduced anthropogenic aerosol radiative forcing caused by biogenic new particle formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12053-12058.	7.1	107
8	Global atmospheric particle formation from CERN CLOUD measurements. <i>Science</i> , 2016, 354, 1119-1124.	12.6	289
9	Aircraft-measured indirect cloud effects from biomass burning smoke in the Arctic and subarctic. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 715-738.	4.9	32
10	Global impact of mineral dust on cloud droplet number concentration. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5601-5621.	4.9	59
11	CCN Activity, Variability and Influence on Droplet Formation during the HygrA-Cd Campaign in Athens. <i>Atmosphere</i> , 2017, 8, 108.	2.3	10
12	Regional new particle formation as modulators of cloud condensation nuclei and cloud droplet number in the eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6185-6203.	4.9	26
13	Biomass burning aerosol as a modulator of the droplet number in the southeast Atlantic region. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3029-3040.	4.9	43
14	On the drivers of droplet variability in alpine mixed-phase clouds. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10993-11012.	4.9	10
15	Constraining the Twomey effect from satellite observations: issues and perspectives. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15079-15099.	4.9	49
17	Aerosol-stratocumulus interactions: towards a better process understanding using closures between observations and large eddy simulations. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 12417-12441.	4.9	0
18	Towards reliable retrievals of cloud droplet number for non-precipitating planetary boundary layer clouds and their susceptibility to aerosol. <i>Frontiers in Remote Sensing</i> , 0, 3, .	3.5	1
20	New Particle Formation Events Can Reduce Cloud Droplets in Boundary Layer Clouds at the Continental Scale. <i>Geophysical Research Letters</i> , 2024, 51, .	4.0	0