

Thomas KÃ¼hn

List of Publications by Year in descending order

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34
papers

746
citations

567144

15
h-index

552653

26
g-index

60
all docs

60
docs citations

60
times ranked

1391
citing authors

#	ARTICLE	IF	CITATIONS
1	Model evaluation of short-lived climate forcings for the Arctic Monitoring and Assessment Programme: a multi-species, multi-model study. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5775-5828.	1.9	15
2	Insect Herbivory Caused Plant Stress Emissions Increases the Negative Radiative Forcing of Aerosols. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
3	Comparing the Radiative Forcings of the Anthropogenic Aerosol Emissions From Chile and Mexico. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033364.	1.2	3
4	Effects of black carbon mitigation on Arctic climate. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5527-5546.	1.9	15
5	In-cloud scavenging scheme for sectional aerosol modules â€œ implementation in the framework of the Sectional Aerosol module for Large Scale Applications version 2.0 (SALSA2.0) global aerosol module. <i>Geoscientific Model Development</i> , 2020, 13, 6215-6235.	1.3	8
6	Using a coupled large-eddy simulationâ€œaerosol radiation model to investigate urban haze: sensitivity to aerosol loading and meteorological conditions. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11893-11906.	1.9	7
7	Effects of land use and anthropogenic aerosol emissions in the Roman Empire. <i>Climate of the Past</i> , 2019, 15, 1885-1911.	1.3	9
8	The chemistryâ€œclimate model ECHAM6.3-HAM2.3-MOZ1.0. <i>Geoscientific Model Development</i> , 2018, 11, 1695-1723.	1.3	51
9	SALSA2.0: The sectional aerosol module of the aerosolâ€œchemistryâ€œclimate model ECHAM6.3.0-HAM2.3-MOZ1.0. <i>Geoscientific Model Development</i> , 2018, 11, 3833-3863.	1.3	52
10	Isoprene-derived secondary organic aerosol in the global aerosolâ€œchemistryâ€œclimate model ECHAM6.3.0â€œHAM2.3â€œMOZ1.0. <i>Geoscientific Model Development</i> , 2018, 11, 3235-3260.	1.3	30
11	Summertime Aerosol Radiative Effects and Their Dependence on Temperature over the Southeastern USA. <i>Atmosphere</i> , 2018, 9, 180.	1.0	8
12	Chromatin organization regulates viral egress dynamics. <i>Scientific Reports</i> , 2017, 7, 3692.	1.6	24
13	Aerosolâ€œlandscapeâ€œcloud interaction: signatures of topography effect on cloud droplet formation. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 7955-7964.	1.9	4
14	UCLALESâ€œSALSA v1.0: a large-eddy model with interactive sectional microphysics for aerosol, clouds and precipitation. <i>Geoscientific Model Development</i> , 2017, 10, 169-188.	1.3	39
15	Effect of aerosol concentration and absorbing aerosol on the radiation fog life cycle. <i>Atmospheric Environment</i> , 2016, 133, 26-33.	1.9	47
16	Diffusion through thin membranes: Modeling across scales. <i>Physical Review E</i> , 2016, 93, 043309.	0.8	13
17	Geographical and diurnal features of amineâ€œenhanced boundary layer nucleation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9606-9624.	1.2	37
18	Climate impacts of changing aerosol emissions since 1996. <i>Geophysical Research Letters</i> , 2014, 41, 4711-4718.	1.5	30

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19	Modelling artificial sea salt emission in large eddy simulations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20140051.	1.6	6
20	Long-term measurements of cloud droplet concentrations and aerosol-cloud interactions in continental boundary layer clouds. Tellus, Series B: Chemical and Physical Meteorology, 2013, 65, 20138.	0.8	30
21	Protein Diffusion in Mammalian Cell Cytoplasm. PLoS ONE, 2011, 6, e22962.	1.1	145
22	Electronic and Thermal Sequential Transport in Metallic and Superconducting Two-Junction Arrays. Engineering Materials, 2010, , 99-131.	0.3	0
23	Effects of Charging Energy on SINIS Tunnel Junction Thermometry. Journal of Low Temperature Physics, 2009, 154, 179-189.	0.6	10
24	Phonon transport in suspended silicon nitride membranes at low temperatures. Journal of Physics: Conference Series, 2009, 150, 012019.	0.3	1
25	Method for finding the critical temperature of the island in a SET structure. Journal of Physics: Conference Series, 2009, 150, 022088.	0.3	1
26	Effect of Thin Ballistic Membranes on Transition-Edge Sensor Performance. Journal of Low Temperature Physics, 2008, 151, 64-69.	0.6	6
27	Quantization of the elastic modes in an isotropic plate. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 10429-10439.	0.7	11
28	Cooper-pair resonances and subgap Coulomb blockade in a superconducting single-electron transistor. Physical Review B, 2007, 76, .	1.1	20
29	Interaction of two-level systems in amorphous materials with arbitrary phonon fields. Physical Review B, 2007, 75, .	1.1	22
30	Interaction of Lamb modes with two-level systems in amorphous nanoscopic membranes. Physical Review B, 2007, 76, .	1.1	12
31	Maximizing phonon thermal conductance for ballistic membranes. Journal of Physics: Conference Series, 2007, 92, 012082.	0.3	10
32	The tensor of interaction of a two-level system with an arbitrary strain field. Journal of Physics: Conference Series, 2007, 92, 012133.	0.3	4
33	Ballistic phonon transport in dielectric membranes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 724-726.	0.7	20
34	Heat transport in ultrathin dielectric membranes and bridges. Physical Review B, 2004, 70, .	1.1	39