Alexandra K Jonko

List of Publications by Year
in descending order

15	571	933447 10	996975 15
papers	citations	h-index	g-index

20	20	20	1130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantifying climate feedbacks in polar regions. Nature Communications, 2018, 9, 1919.	12.8	254
2	Climate Feedbacks in CCSM3 under Changing CO2 Forcing. Part II: Variation of Climate Feedbacks and Sensitivity with Forcing. Journal of Climate, 2013, 26, 2784-2795.	3.2	59
3	Climate Feedbacks in CCSM3 under Changing CO2 Forcing. Part I: Adapting the Linear Radiative Kernel Technique to Feedback Calculations for a Broad Range of Forcings. Journal of Climate, 2012, 25, 5260-5272.	3.2	52
4	Effects of fuel spatial distribution on wildland fire behaviour. International Journal of Wildland Fire, 2021, 30, 179.	2.4	38
5	Influence of dimethyl sulfide on the carbon cycle and biological production. Biogeochemistry, 2018, 138, 49-68.	3.5	35
6	Large differences in regional precipitation change between a first and second 2â€‰K of global warming. Nature Communications, 2016, 7, 13667.	12.8	31
7	Local Atmospheric Response to an Open-Ocean Polynya in a High-Resolution Climate Model. Journal of Climate, 2017, 30, 1629-1641.	3.2	30
8	Global Sensitivity of Simulated Water Balance Indicators Under Future Climate Change in the Colorado Basin. Water Resources Research, 2018, 54, 132-149.	4.2	27
9	Modeling Low Intensity Fires: Lessons Learned from 2012 RxCADRE. Atmosphere, 2021, 12, 139.	2.3	12
10	Effects of land cover change on the tropical circulation in a GCM. Climate Dynamics, 2010, 35, 635-649.	3.8	10
11	Towards Bayesian hierarchical inference of equilibrium climate sensitivity from a combination of CMIP5 climate models and observational data. Climatic Change, 2018, 149, 247-260.	3.6	5
12	Future water resource shifts in the high desert Southwest of Northern New Mexico, USA. Journal of Hydrology: Regional Studies, 2020, 28, 100678.	2.4	5
13	Adapting to nonlinear change. Nature Climate Change, 2015, 5, 103-104.	18.8	4
14	A new multigroup method for cross-sections that vary rapidly in energy. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 187, 461-471.	2.3	4
15	Sensitivity of Grass Fires Burning in Marginal Conditions to Atmospheric Turbulence. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033384.	3.3	4