

# Anna Possner

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

820  
citations

933447

10  
h-index

940533

16  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1321  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bounding Global Aerosol Radiative Forcing of Climate Change. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000660.	23.0	424
2	Substantial Cloud Brightening From Shipping in Subtropical Low Clouds. <i>AGU Advances</i> , 2020, 1, e2019AV000111.	5.4	56
3	A model intercomparison of CCN-limited tenuous clouds in the high Arctic. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11041-11071.	4.9	54
4	Geophysical potential for wind energy over the open oceans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11338-11343.	7.1	46
5	Cloud response and feedback processes in stratiform mixed-phase clouds perturbed by ship exhaust. <i>Geophysical Research Letters</i> , 2017, 44, 1964-1972.	4.0	44
6	Opportunistic experiments to constrain aerosol effective radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 641-674.	4.9	44
7	The efficacy of aerosol-cloud radiative perturbations from near-surface emissions in deep open-cell stratocumuli. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17475-17488.	4.9	31
8	Response of Arctic mixed-phase clouds to aerosol perturbations under different surface forcings. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 9847-9864.	4.9	26
9	Deconvolution of boundary layer depth and aerosol constraints on cloud water path in subtropical stratocumulus decks. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3609-3621.	4.9	25
10	The resolution dependence of cloud effects and ship-induced aerosol-cloud interactions in marine stratocumulus. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4810-4829.	3.3	17
11	Real-case simulations of aerosol-cloud interactions in ship tracks over the Bay of Biscay. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2185-2201.	4.9	13
12	A Case Study in Modeling Low-Lying Inversions and Stratocumulus Cloud Cover in the Bay of Biscay. <i>Weather and Forecasting</i> , 2014, 29, 289-304.	1.4	12
13	A comparison of two chemistry and aerosol schemes on the regional scale and the resulting impact on radiative properties and liquid- and ice-phase aerosol-cloud interactions. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8651-8680.	4.9	11
14	Cloud Ice Processes Enhance Spatial Scales of Organization in Arctic Stratocumulus. <i>Geophysical Research Letters</i> , 2019, 46, 14109-14117.	4.0	10
15	The Impact of Warm and Moist Airmass Perturbations on Arctic Mixed-Phase Stratocumulus. <i>Journal of Climate</i> , 2020, 33, 9615-9628.	3.2	4
16	Weak sensitivity of cloud water to aerosols. <i>Nature</i> , 2019, 572, 35-36.	27.8	1