

# Rachel A Scanza

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1531530/publications.pdf>

Version: 2024-02-01

11  
papers

1,241  
citations

840776

11  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1927  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent (1980 to 2015) Trends and Variability in Daily to Interannual Soluble Iron Deposition from Dust, Fire, and Anthropogenic Sources. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089688.	4.0	31
2	Impact of Changes to the Atmospheric Soluble Iron Deposition Flux on Ocean Biogeochemical Cycles in the Anthropocene. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006448.	4.9	62
3	Improved methodologies for Earth system modelling of atmospheric soluble iron and observation comparisons using the Mechanism of Intermediate complexity for Modelling Iron (MIMI v1.0). <i>Geoscientific Model Development</i> , 2019, 12, 3835-3862.	3.6	39
4	Climate-driven oscillation of phosphorus and iron limitation in the North Pacific Subtropical Gyre. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12720-12728.	7.1	44
5	Pyrogenic iron: The missing link to high iron solubility in aerosols. <i>Science Advances</i> , 2019, 5, eaau7671.	10.3	128
6	Anthropogenic combustion iron as a complex climate forcer. <i>Nature Communications</i> , 2018, 9, 1593.	12.8	86
7	Atmospheric processing of iron in mineral and combustion aerosols: development of an intermediate-complexity mechanism suitable for Earth system models. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14175-14196.	4.9	41
8	Reviews and syntheses: the GESAMP atmospheric iron deposition model intercomparison study. <i>Biogeosciences</i> , 2018, 15, 6659-6684.	3.3	63
9	Aerosol trace metal leaching and impacts on marine microorganisms. <i>Nature Communications</i> , 2018, 9, 2614.	12.8	176
10	Aerosol Deposition Impacts on Land and Ocean Carbon Cycles. <i>Current Climate Change Reports</i> , 2017, 3, 16-31.	8.6	103
11	The size distribution of desert dust aerosols and its impact on the Earth system. <i>Aeolian Research</i> , 2014, 15, 53-71.	2.7	468