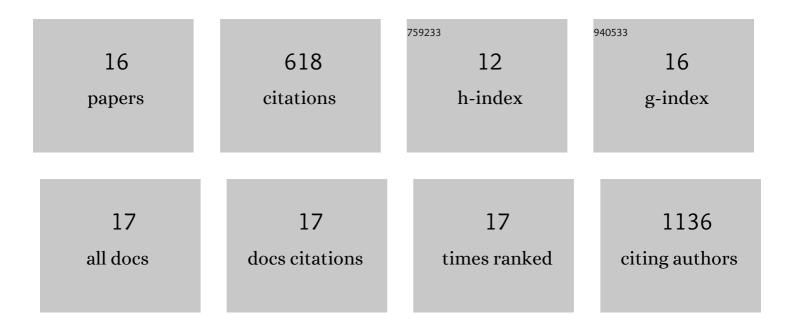
Matthew S Johnson

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Pyrogenic iron: The missing link to high iron solubility in aerosols. Science Advances, 2019, 5, eaau7671.	10.3	128
2	A multiparameter aerosol classification method and its application to retrievals from spaceborne polarimetry. Journal of Geophysical Research D: Atmospheres, 2014, 119, 9838-9863.	3.3	105
3	Modeling dust and soluble iron deposition to the South Atlantic Ocean. Journal of Geophysical Research, 2010, 115, .	3.3	72
4	Reviews and syntheses: the GESAMP atmospheric iron deposition model intercomparison study. Biogeosciences, 2018, 15, 6659-6684.	3.3	63
5	Four years of global carbon cycle observed from the Orbiting Carbon Observatory 2 (OCO-2) versionÂ9 and in situ data and comparison to OCO-2 versionÂ7. Atmospheric Chemistry and Physics, 2022, 22, 1097-1130.	4.9	44
6	Validation of the TOLNet lidars: the Southern California Ozone Observation Project (SCOOP). Atmospheric Measurement Techniques, 2018, 11, 6137-6162.	3.1	40
7	Long-range transport of Siberian biomass burning emissions to North America during FIREX-AQ. Atmospheric Environment, 2021, 252, 118241.	4.1	37
8	Prior biosphere model impact on global terrestrial CO ₂ fluxes estimated from OCO-2 retrievals. Atmospheric Chemistry and Physics, 2019, 19, 13267-13287.	4.9	28
9	On the role of atmospheric model transport uncertainty in estimating the Chinese land carbon sink. Nature, 2022, 603, E13-E14.	27.8	21
10	Summertime tropospheric ozone enhancement associated with a cold front passage due to stratosphereâ€ŧoâ€ŧroposphere transport and biomass burning: Simultaneous groundâ€based lidar and airborne measurements. Journal of Geophysical Research D: Atmospheres, 2017, 122, 1293-1311.	3.3	17
11	Evaluating Summer-Time Ozone Enhancement Events in the Southeast United States. Atmosphere, 2016, 7, 108.	2.3	15
12	Influence of measurement uncertainties on fractional solubility of iron in mineral aerosols over the oceans. Aeolian Research, 2016, 22, 85-92.	2.7	15
13	OCOâ€2 Satelliteâ€Imposed Constraints on Terrestrial Biospheric CO ₂ Fluxes Over South Asia. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	12
14	Evaluation of potential sources of a priori ozone profiles for TEMPO tropospheric ozone retrievals. Atmospheric Measurement Techniques, 2018, 11, 3457-3477.	3.1	9
15	Identifying chemical aerosol signatures using optical suborbital observations: how much can optical properties tell us about aerosol composition?. Atmospheric Chemistry and Physics, 2022, 22, 3713-3742.	4.9	6
16	Multiâ€5eason Evaluation of CO ₂ Weather in OCOâ€2 MIP Models. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	5