

David S Sayres

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

418
citations

1307594

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h-index

1474206

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g-index

9
all docs

9
docs citations

9
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ observations of stratospheric HCl using three-mirror integrated cavity output spectroscopy. Atmospheric Measurement Techniques, 2021, 14, 3597-3613.	3.1	6
2	Rayleigh scattering cross sections of argon, carbon dioxide, sulfur hexafluoride, and methane in the UV-A region using Broadband Cavity Enhanced Spectroscopy. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 234, 32-39.	2.3	7
3	A case study of convectively sourced water vapor observed in the overworld stratosphere over the United States. Journal of Geophysical Research D: Atmospheres, 2017, 122, 9529-9554.	3.3	57
4	Stratospheric ozone over the United States in summer linked to observations of convection and temperature via chlorine and bromine catalysis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4905-E4913.	7.1	36
5	The roles of deep convection and extratropical mixing in the tropical tropopause layer: An in situ measurement perspective. Journal of Geophysical Research D: Atmospheres, 2014, 119, 12,355.	3.3	13
6	Calibration and Quality Assurance of an Airborne Turbulence Probe in an Aeronautical Wind Tunnel. Journal of Atmospheric and Oceanic Technology, 2013, 30, 182-196.	1.3	7
7	Process evaluation of tropospheric humidity simulated by general circulation models using water vapor isotopologues: 1. Comparison between models and observations. Journal of Geophysical Research, 2012, 117, .	3.3	114
8	UV Dosage Levels in Summer: Increased Risk of Ozone Loss from Convectively Injected Water Vapor. Science, 2012, 337, 835-839.	12.6	169
9	Transport in the subtropical lowermost stratosphere during the Cirrus Regional Study of Tropical Anvils and Cirrus Layers Florida Area Cirrus Experiment. Journal of Geophysical Research, 2007, 112, .	3.3	9