

# David S Sayres

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7428096/publications.pdf>

Version: 2024-02-01

9  
papers

418  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

699  
citing authors

#	ARTICLE	IF	CITATIONS
1	UV Dosage Levels in Summer: Increased Risk of Ozone Loss from Convectively Injected Water Vapor. <i>Science</i> , 2012, 337, 835-839.	12.6	169
2	Processâ€evaluation of tropospheric humidity simulated by general circulation models using water vapor isotopologues: 1. Comparison between models and observations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	114
3	A case study of convectively sourced water vapor observed in the overworld stratosphere over the United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 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. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 12,355.	3.3	13
6	Transport in the subtropical lowermost stratosphere during the Cirrus Regional Study of Tropical Anvils and Cirrus Layersâ€Florida Area Cirrus Experiment. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	9
7	Calibration and Quality Assurance of an Airborne Turbulence Probe in an Aeronautical Wind Tunnel. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 182-196.	1.3	7
8	Rayleigh scattering cross sections of argon, carbon dioxide, sulfur hexafluoride, and methane in the UV-A region using Broadband Cavity Enhanced Spectroscopy. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 234, 32-39.	2.3	7
9	In situ observations of stratospheric HCl using three-mirror integrated cavity output spectroscopy. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 3597-3613.	3.1	6