

# Joel P Younger

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8578381/joel-p-younger-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21  
papers

247  
citations

10  
h-index

15  
g-index

22  
ext. papers

280  
ext. citations

3.8  
avg, IF

2.91  
L-index

#	Paper	IF	Citations
21	Meteor radar observations of polar mesospheric summer echoes over Svalbard. <i>Atmospheric Measurement Techniques</i> , <b>2021</b> , 14, 5015-5027	4	1
20	Trends and Variability in Vertical Winds in the Southern Hemisphere Summer Polar Mesosphere and Lower Thermosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 11070-11085	4.4	3
19	Estimation of Mesospheric Densities at Low Latitudes Using the Kunming Meteor Radar Together With SABER Temperatures. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 3183-3195	2.6	9
18	High- and Middle-Latitude Neutral Mesospheric Density Response to Geomagnetic Storms. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 436-444	4.9	20
17	Ionospheric Regions Producing Anomalous GNSS Radio Occultation Results. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 7350-7358	8.1	1
16	Response of neutral mesospheric density to geomagnetic forcing. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 8647-8655	4.9	19
15	First observation of mesosphere response to the solar wind high-speed streams. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 9080-9088	2.6	15
14	Interferometer angle-of-arrival determination using precalculated phases. <i>Radio Science</i> , <b>2017</b> , 52, 1058-1066	10.66	10
13	Seasonal MLT-region nightglow intensities, temperatures, and emission heights at a Southern Hemisphere midlatitude site. <i>Annales Geophysicae</i> , <b>2017</b> , 35, 567-582	2	9
12	Observations of the new Camelopardalids meteor shower using a 38.9MHz radar at Mohe, China. <i>Icarus</i> , <b>2015</b> , 253, 25-30	3.8	7
11	A method for estimating the height of a mesospheric density level using meteor radar. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 6106-6111	4.9	16
10	The diffusion of multiple ionic species in meteor trails. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2014</b> , 118, 119-123	2	3
9	The effects of deionization processes on meteor radar diffusion coefficients below 90 km. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 10027-10043	4.4	24
8	Observational evidence of high-altitude meteor trail from radar interferometer. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 6583-6589	4.9	4
7	The effect of recombination and attachment on meteor radar diffusion coefficient profiles. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 3037-3043	4.4	20
6	Mutual coupling of antennas in a meteor radar interferometer. <i>Radio Science</i> , <b>2013</b> , 48, 118-121	1.4	7
5	Investigation of a mesospheric bore event over northern China. <i>Annales Geophysicae</i> , <b>2013</b> , 31, 409-418	2	19

4	Meteor shower velocity estimates from single-station meteor radar: accuracy and precision. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 425, 1473-1478	4-3	5
3	Gravity wave flux retrievals using meteor radars. <i>Geophysical Research Letters</i> , <b>2010</b> , 37, n/a-n/a	4-9	23
2	A southern hemisphere survey of meteor shower radiants and associated stream orbits using single station radar observations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2009</b> , 398, 350-356	4-3	19
1	Modeling and observing the effect of aerosols on meteor radar measurements of the atmosphere. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4-9	13