Joel P Younger

List of Publications by Year
in descending order

21	298	949033 11	993246 17
papers	citations	h-index	g-index

22	22	22	381
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Meteor radar observations of polar mesospheric summer echoes over Svalbard. Atmospheric Measurement Techniques, 2021, 14, 5015-5027.	1.2	2
2	Trends and Variability in Vertical Winds in the Southern Hemisphere Summer Polar Mesosphere and Lower Thermosphere. Journal of Geophysical Research D: Atmospheres, 2019, 124, 11070-11085.	1.2	8
3	Estimation of Mesospheric Densities at Low Latitudes Using the Kunming Meteor Radar Together With SABER Temperatures. Journal of Geophysical Research: Space Physics, 2018, 123, 3183-3195.	0.8	12
4	Highâ€•and Middleâ€Łatitude Neutral Mesospheric Density Response to Geomagnetic Storms. Geophysical Research Letters, 2018, 45, 436-444.	1.5	23
5	Ionospheric Regions Producing Anomalous GNSS Radio Occultation Results. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 7350-7358.	2.7	2
6	Response of neutral mesospheric density to geomagnetic forcing. Geophysical Research Letters, 2017, 44, 8647-8655.	1.5	23
7	First observation of mesosphere response to the solar wind highâ€speed streams. Journal of Geophysical Research: Space Physics, 2017, 122, 9080-9088.	0.8	20
8	Interferometer angleâ€ofâ€arrival determination using precalculated phases. Radio Science, 2017, 52, 1058-1066.	0.8	13
9	Seasonal MLT-region nightglow intensities, temperatures, and emission heights at a Southern Hemisphere midlatitude site. Annales Geophysicae, 2017, 35, 567-582.	0.6	9
10	A method for estimating the height of a mesospheric density level using meteor radar. Geophysical Research Letters, 2015, 42, 6106-6111.	1.5	21
11	Observations of the new Camelopardalids meteor shower using a 38.9MHz radar at Mohe, China. Icarus, 2015, 253, 25-30.	1.1	10
12	The diffusion of multiple ionic species in meteor trails. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 118, 119-123.	0.6	3
13	The effects of deionization processes on meteor radar diffusion coefficients below 90 km. Journal of Geophysical Research D: Atmospheres, 2014, 119, 10027-10043.	1.2	27
14	Observational evidence of highâ€altitude meteor trail from radar interferometer. Geophysical Research Letters, 2014, 41, 6583-6589.	1.5	7
15	The effect of recombination and attachment on meteor radar diffusion coefficient profiles. Journal of Geophysical Research D: Atmospheres, 2013, 118, 3037-3043.	1.2	22
16	Mutual coupling of antennas in a meteor radar interferometer. Radio Science, 2013, 48, 118-121.	0.8	7
17	Investigation of a mesospheric bore event over northern China. Annales Geophysicae, 2013, 31, 409-418.	0.6	24
18	Meteor shower velocity estimates from single-station meteor radar: accuracy and precision. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1473-1478.	1.6	5

#	Article	IF	Citations
19	Gravity wave flux retrievals using meteor radars. Geophysical Research Letters, 2010, 37, .	1.5	25
20	A southern hemisphere survey of meteor shower radiants and associated stream orbits using single station radar observations. Monthly Notices of the Royal Astronomical Society, 2009, 398, 350-356.	1.6	21
21	Modeling and observing the effect of aerosols on meteor radar measurements of the atmosphere. Geophysical Research Letters, 2008, 35, .	1.5	14