

# Marianna G Shepherd

## List of Publications by Year in descending order

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23  
papers

679  
citations

840776

11  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of mesospheric temperature trends. <i>Reviews of Geophysics</i> , 2003, 41, .	23.0	222
2	The Wind Imaging Interferometer (WINDII) on the Upper Atmosphere Research Satellite: A 20 year perspective. <i>Reviews of Geophysics</i> , 2012, 50, .	23.0	89
3	Two-day wave coupling of the low-latitude atmosphere-ionosphere system. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	84
4	Global variability of mesospheric temperature: Mean temperature field. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	43
5	Mesospheric semiannual oscillation in temperature and nightglow emission. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 379-389.	1.6	37
6	Mesospheric temperature and atomic oxygen response during the January 2009 major stratospheric warming. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	35
7	Climatology of planetary wave type oscillations with periods of 2-20 days derived from O <sub>2</sub> and OH(6-2) airglow observations at mid-latitude with SATI. <i>Annales Geophysicae</i> , 2009, 27, 3645-3662.	1.6	30
8	Retrieval and validation of mesospheric temperatures from Wind Imaging Interferometer observations. <i>Journal of Geophysical Research</i> , 2001, 106, 24813-24829.	3.3	28
9	Stratospheric warming influence on the mesosphere/lower thermosphere as seen by the extended CMAM. <i>Annales Geophysicae</i> , 2014, 32, 589-608.	1.6	25
10	Airglow variability in the context of the global mesospheric circulation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 2000-2011.	1.6	18
11	Global variability of mesospheric temperature: Planetary-scale perturbations at equatorial and tropical latitudes. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	13
12	Stratospheric warming effects on thermospheric O(1S) dayglow dynamics. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	11
13	Mesospheric OH layer altitude at midlatitudes: variability over the Sierra Nevada Observatory in Granada, Spain (37°N, 3°W). <i>Annales Geophysicae</i> , 2017, 35, 1151-1164.	1.6	10
14	Longitudinal variability of thermospheric temperatures from WINDII O( <sup>1</sup> S) dayglow. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	7
15	High-Latitude Observations of a Localized Wind Wall and Its Coupling to the Lower Thermosphere. <i>Geophysical Research Letters</i> , 2018, 45, 4586-4593.	4.0	7
16	WINDII observations of thermospheric O( <sup>1</sup> D) nightglow emission rates, temperature, and wind: 1. The northern hemisphere midnight temperature maximum and the wave 4. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,450.	2.4	6
17	Mesospheric temperature observations at Resolute (75°N) in the context of solar flux and quasi-biennial variations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	4
18	Temperature variability in the tropical mesosphere during the northern hemisphere winter. <i>Advances in Space Research</i> , 2008, 41, 1435-1446.	2.6	3

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19	WINDII Observations and WACCM-X Simulations of High-Latitude Winds Under Different Solar Radio Flux and Geomagnetic Disturbance Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6087-6096.	2.4	2
20	Perturbations of O(1D) VER, Temperature, Winds, Atomic Oxygen, and TEC at High Southern Latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4773-4795.	2.4	2
21	Observations and Modeling of Strong Thermospheric Winds at High Latitudes and Their Impact on the Lower Thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029658.	2.4	2
22	Longitudinal and seasonal variations of O(1D) nightglow emission maxima at southern midlatitudes. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 167, 107-123.	1.6	1
23	SuperDARN, WINDII and WACCM-X neutral and ion winds observed at high latitudes during geomagnetic disturbances. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 225, 105773.	1.6	0