

# Sujata Kovalam

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/731051/sujata-kovalam-publications-by-citations.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.

11  
papers

289  
citations

7  
h-index

12  
g-index

12  
ext. papers

312  
ext. citations

3.1  
avg, IF

2.16  
L-index

#	Paper	IF	Citations
11	Long-term MF radar observations of solar tides in the low-latitude mesosphere: Interannual variability and comparisons with the GSWM. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 8667-8683		106
10	Mesosphere/lower thermosphere prevailing wind model. <i>Advances in Space Research</i> , <b>2004</b> , 34, 1755-1762	2.4	49
9	Longitudinal variations in planetary wave activity in the equatorial mesosphere. <i>Earth, Planets and Space</i> , <b>1999</b> , 51, 665-674	2.9	40
8	Gravity wave flux retrievals using meteor radars. <i>Geophysical Research Letters</i> , <b>2010</b> , 37, n/a-n/a	4.9	23
7	Airglow imager observations of atmospheric gravity waves at Alice Springs and Adelaide, Australia during the Darwin Area Wave Experiment (DAWEX). <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		22
6	Intradiurnal wind variations in the midlatitude and high-latitude mesosphere and lower thermosphere. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		16
5	Gravity wave generation by convection and momentum deposition in the mesosphere-lower thermosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 6233-6245	4.4	14
4	Gravity waves in the equatorial MLT region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2006</b> , 68, 266-282	2	7
3	Mount Gambier (38°S, 141°E) prototype VHF wind profiler. <i>Radio Science</i> , <b>2005</b> , 40, n/a-n/a	1.4	6
2	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
1	High-frequency gravity waves observed in the low-latitude mesosphere-lower thermosphere (MLT) region and their possible relationship to lower-atmospheric convection. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		3