

# Spaced antenna analysis of atmospheric radar backscat

Radio Science

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Comparison of wind measurements between Yamagawa MF Radar and the MU Radar. Geophysical Research Letters, 1996, 23, 3341-3344.	4.0	31
2	On the measurement of gravity waves, tides and mean winds in the low and middle latitude mesosphere and thermosphere with MF radar. Advances in Space Research, 1996, 18, 131-140.	2.6	12
3	Imaging Doppler interferometry and the measurement of atmospheric turbulence. Radio Science, 1997, 32, 1137-1148.	1.6	21
4	Wind estimation errors of the spaced antenna technique studied with simulations and observations: A case study for the MU radar. Radio Science, 1997, 32, 1193-1201.	1.6	9
5	Comparisons between Canadian prairie MF radars, FPI (green and OH lines) and UARS HRDI systems. Annales Geophysicae, 1997, 15, 1099-1110.	1.6	31
6	Retrieval of stratified atmospheric reflectivity and wind velocity using inverse methods: application to a VHF ST mini-radar. Journal of Atmospheric and Solar-Terrestrial Physics, 1997, 59, 1159-1177.	1.6	3
7	Further direct comparisons of incoherent scatter and medium frequency radar winds from AIDA '89. Journal of Atmospheric and Solar-Terrestrial Physics, 1998, 60, 337-347.	1.6	13
8	On the reality of upper mesospheric/lower thermospheric turbulent "eddies". Radio Science, 1998, 33, 67-82.	1.6	4
9	On the radar estimation of turbulence parameters in a stably stratified atmosphere. Radio Science, 2000, 35, 999-1008.	1.6	5
10	Validation of imaging Doppler interferometer winds using meteor radar. Geophysical Research Letters, 2003, 30, .	4.0	25
11	Atmospheric radar for the 0.5-110 km region. , 0, , .		2
12	Mesospheric and lower thermospheric observations using the Buckland Park medium frequency radar. , 0, , .		1
13	Comparisons of full correlation analysis (FCA) and imaging Doppler interferometry (IDI) winds using the Buckland Park MF radar. Annales Geophysicae, 2004, 22, 3829-3842.	1.6	23
14	The Buckland Park MF radar: routine observation scheme and velocity comparisons. Annales Geophysicae, 2004, 22, 3815-3828.	1.6	24
15	A comparison of mesosphere and lower thermosphere neutral winds as determined by meteor and medium-frequency radar at 70°N. Radio Science, 2005, 40, n/a-n/a.	1.6	27
16	A review of Mesosphere"Stratosphere" Troposphere (MST) radar developments and studies, circa 1997"2008. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 848-882.	1.6	55
17	First observations of tidal oscillations by an MF radar over Kunming (25.6°N, 103.8°E). Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 78-79, 44-52.	1.6	11
18	Simulation of Spaced Antenna Wind Retrieval Performance on an X-Band Active Phased Array Weather Radar. Journal of Atmospheric and Oceanic Technology, 2013, 30, 1447-1459.	1.3	6

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19	MAARSY multiple receiver phase calibration using radio sources. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 118, 55-63.	1.6	16
20	MF and HF radar techniques for investigating the dynamics and structure of the 50 to 110 km height region: a review. Progress in Earth and Planetary Science, 2015, 2, .	3.0	24
21	On the role of anisotropic MF/HF scattering in mesospheric wind estimation. Earth, Planets and Space, 2018, 70, .	2.5	14
22	Real data-based thermal environment definition for the ascent phase of Polar-Summer Long Duration Balloon missions from Esrange (Sweden). Acta Astronautica, 2020, 170, 235-250.	3.2	11
23	Oscillations of GW Activities in the MLT Region over Mid-Low-Latitude Area, Kunming Station (25.6° N,) Tj ETQq0.0 rgBT /Overlock 1	2.3	8