

Mamoru Yamamoto

List of Publications by Year in descending order

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393
papers

13,822
citations

30068

54
h-index

30081

103
g-index

427
all docs

427
docs citations

427
times ranked

9890
citing authors

#	ARTICLE	IF	CITATIONS
1	An Nrf2/Small Maf Heterodimer Mediates the Induction of Phase II Detoxifying Enzyme Genes through Antioxidant Response Elements. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 313-322.	2.1	3,495
2	Interleukin-6 (IL-6) functions as an in vitro autocrine growth factor in renal cell carcinomas. <i>FEBS Letters</i> , 1989, 250, 607-610.	2.8	377
3	Mid-latitude <i>E</i> region field-aligned irregularities observed with the MU radar. <i>Journal of Geophysical Research</i> , 1991, 96, 15943-15949.	3.3	226
4	Seasonal variability of vertical eddy diffusivity in the middle atmosphere: 1. Three-year observations by the middle and upper atmosphere radar. <i>Journal of Geophysical Research</i> , 1994, 99, 18973.	3.3	202
5	Turbulent upwelling of the mid-latitude ionosphere: 1. Observational results by the MU radar. <i>Journal of Geophysical Research</i> , 1991, 96, 3725-3746.	3.3	184
6	Gravity wave modulation of gradient drift instabilities in mid-latitude sporadic <i>E</i> irregularities. <i>Geophysical Research Letters</i> , 1991, 18, 1197-1200.	4.0	176
7	A physical mechanism of positive ionospheric storms at low latitudes and midlatitudes. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	171
8	Three-dimensional simulation of the coupled Perkins and <i>E</i> layer instabilities in the nighttime midlatitude ionosphere. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	152
9	Seasonal variation of momentum flux in the mesosphere observed with the MU radar. <i>Geophysical Research Letters</i> , 1990, 17, 725-728.	4.0	151
10	Equatorial Atmosphere Radar (EAR): System description and first results. <i>Radio Science</i> , 2003, 38, n/a-n/a.	1.6	147
11	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. <i>Physical Review Letters</i> , 2017, 118, 151801.	7.8	146
12	On the origin of quasi-periodic radar backscatter from midlatitude sporadic E. <i>Radio Science</i> , 1994, 29, 349-365.	1.6	129
13	Gravity waves in the mesosphere observed with the middle and upper atmosphere radar. <i>Radio Science</i> , 1990, 25, 1005-1018.	1.6	127
14	Traveling ionospheric disturbances detected in the FRONT Campaign. <i>Geophysical Research Letters</i> , 2001, 28, 689-692.	4.0	119
15	Simultaneous observations of nighttime medium-scale traveling ionospheric disturbances and <i>E</i> region field-aligned irregularities at midlatitude. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	102
16	Spatial structure of the E region field-aligned irregularities revealed by the MU radar. <i>Radio Science</i> , 1994, 29, 337-347.	1.6	99
17	A morphological study on mid-latitude E-region field-aligned irregularities observed with the MU radar. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1992, 54, 769-777.	0.9	98
18	The SEEK (Sporadic-E Experiment over Kyushu) Campaign. <i>Geophysical Research Letters</i> , 1998, 25, 1761-1764.	4.0	97

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19	Geomagnetic conjugate observation of nighttime medium-scale and large-scale traveling ionospheric disturbances: FRONT3 campaign. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	96
20	Cerebrospinal fluid gamma-aminobutyric acid and homovanillic acid in depressive disorders. <i>Biological Psychiatry</i> , 1982, 17, 877-83.	1.3	93
21	MU radar: New capabilities and system calibrations. <i>Radio Science</i> , 1990, 25, 477-485.	1.6	92
22	Wave pattern of the equatorial mass density anomaly: A thermospheric signature of tropical deep convection. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	90
23	A frequency domain radar interferometric imaging (FII) technique based on high-resolution methods. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2001, 63, 221-234.	1.6	88
24	First observations of large-scale wave structure and equatorial spread F using CERTO radio beacon on the C/NOFS satellite. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	87
25	Conjugate occurrence of the electric field fluctuations in the nighttime midlatitude ionosphere. <i>Journal of Geophysical Research</i> , 1995, 100, 21439-21451.	3.3	85
26	Tofogliflozin, a sodium/glucose cotransporter 2 inhibitor, attenuates body weight gain and fat accumulation in diabetic and obese animal models. <i>Nutrition and Diabetes</i> , 2014, 4, e125-e125.	3.2	83
27	Mechanisms of relaxant action of nicardipine, a new Ca ⁺⁺ -antagonist, on isolated dog cerebral and mesenteric arteries.. <i>Stroke</i> , 1983, 14, 270-275.	2.0	80
28	Characteristics of gravity waves in the mesosphere observed with the middle and upper atmosphere radar: 1. Momentum flux. <i>Journal of Geophysical Research</i> , 1993, 98, 8899-8910.	3.3	77
29	Measurement of double-differential muon neutrino charged-current interactions on C8H8 without pions in the final state using the T2K off-axis beam. <i>Physical Review D</i> , 2016, 93, .	4.7	77
30	A saturated inertia gravity wave in the mesosphere observed by the middle and upper atmosphere radar. <i>Journal of Geophysical Research</i> , 1987, 92, 11993-11999.	3.3	75
31	Observations of traveling ionospheric disturbances and 3-m scale irregularities in the nighttime F-region ionosphere with the MU radar and a GPS network. <i>Earth, Planets and Space</i> , 2002, 54, 31-44.	2.5	75
32	Overview of Venus orbiter, Akatsuki. <i>Earth, Planets and Space</i> , 2011, 63, 443-457.	2.5	72
33	Computer processing for deriving drop size distributions and vertical air velocities from VHF Doppler radar spectra. <i>Radio Science</i> , 1990, 25, 961-973.	1.6	71
34	Damping of large-scale traveling ionospheric disturbances detected with GPS networks during the geomagnetic storm. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	70
35	Observational evidence of coupling between quasi-periodic echoes and medium scale traveling ionospheric disturbances. <i>Annales Geophysicae</i> , 2007, 25, 2185-2194.	1.6	70
36	Imaging radar observations and theory of type I and type II quasi-periodic echoes. <i>Journal of Geophysical Research</i> , 2002, 107, SIA 7-1.	3.3	67

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37	Relationship of the onset of equatorial F region irregularities with the sunset terminator observed with the Equatorial Atmosphere Radar. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	67
38	The SEEK Chemical Release Experiment: Observed neutral wind profile in a region of sporadic E. <i>Geophysical Research Letters</i> , 1998, 25, 1789-1792.	4.0	65
39	Traveling ionospheric disturbances observed in the OI 630-nm nightglow images over Japan by using a Multipoint Imager Network during the FRONT Campaign. <i>Geophysical Research Letters</i> , 2000, 27, 4037-4040.	4.0	64
40	Simultaneous middle and upper atmosphere radar and ionospheric sounder observations of midlatitude F region irregularities and sporadic E layer. <i>Journal of Geophysical Research</i> , 2002, 107, SIA 3-1.	3.3	63
41	Estimation error of spectral parameters of mesosphere-stratosphere-troposphere radars obtained by least squares fitting method and its lower bound. <i>Radio Science</i> , 1988, 23, 1013-1021.	1.6	62
42	Aspect sensitivity of stratospheric VHF radio wave scatterers, particularly above 15 km altitude. <i>Radio Science</i> , 1990, 25, 613-627.	1.6	61
43	Spatial relationship of nighttime medium-scale traveling ionospheric disturbances and F region field-aligned irregularities observed with two spaced all-sky airglow imagers and the middle and upper atmosphere radar. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	61
44	Strong thermospheric cooling during the 2009 major stratosphere warming. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	61
45	Coupling of the Perkins instability and the sporadic E layer instability derived from physical arguments. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	60
46	First tomographic observations of the Midlatitude Summer Nighttime Anomaly over Japan. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	60
47	Equatorial electrodynamics and neutral background in the Asian sector during the 2009 stratospheric sudden warming. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	60
48	VHF radar interferometry measurements of vertical velocity and the effect of tilted refractivity surfaces on standard Doppler measurements. <i>Radio Science</i> , 1991, 26, 417-427.	1.6	59
49	One-step formation of aligned carbon nanotube field emitters at 400 °C. <i>Applied Physics Letters</i> , 2003, 82, 2485-2487.	3.3	59
50	First observations of the spatial structure of F region 3-m-scale field-aligned irregularities with the Equatorial Atmosphere Radar in Indonesia. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	59
51	Three-dimensional GPS ionospheric tomography over Japan using constrained least squares. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3044-3052.	2.4	58
52	Expression of MUC1 mucins inversely correlated with post-surgical survival of renal cell carcinoma patients. <i>British Journal of Cancer</i> , 1999, 80, 301-308.	6.4	57
53	Enhanced ionospheric plasma bubble generation in more active ITCZ. <i>Geophysical Research Letters</i> , 2016, 43, 2389-2395.	4.0	57
54	Phase reversal of the diurnal cycle in the midlatitude ionosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	56

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55	On seeding, large-scale wave structure, equatorial spread F^{\prime} , and scintillations over Vietnam. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	54
56	Storm-enhanced Development of Postsunset Equatorial Plasma Bubbles Around the Meridian 120°E/60°W on 7–8 September 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7985-7998.	2.4	54
57	Eastward traverse of equatorial plasma plumes observed with the Equatorial Atmosphere Radar in Indonesia. <i>Annales Geophysicae</i> , 2006, 24, 1411-1418.	1.6	53
58	Description and demonstration of the new Middle and Upper atmosphere Radar imaging system: 1-D, 2-D, and 3-D imaging of troposphere and stratosphere. <i>Radio Science</i> , 2008, 43, .	1.6	53
59	On large-scale wave structure and equatorial spread F^{\prime} without a postsunset rise of the F^{\prime} layer. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	53
60	Statistical analysis of gravity waves observed with the middle and upper atmosphere radar in the middle atmosphere: 1. Method and general characteristics. <i>Journal of Geophysical Research</i> , 1996, 101, 29511-29521.	3.3	50
61	A possible mechanism for echo striation generation of radar backscatter from midlatitude sporadic E. <i>Radio Science</i> , 2000, 35, 1155-1164.	1.6	50
62	New aspects of thermospheric and ionospheric storms revealed by CHAMP. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	49
63	Characteristics of gravity waves in the mesosphere observed with the middle and upper atmosphere radar: 2. Propagation direction. <i>Journal of Geophysical Research</i> , 1993, 98, 8911-8923.	3.3	48
64	Characteristics of large-scale wave structure observed from African and Southeast Asian longitudinal sectors. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2288-2297.	2.4	47
65	Medium-scale traveling ionospheric disturbances by three-dimensional ionospheric GPS tomography. <i>Earth, Planets and Space</i> , 2016, 68, .	2.5	47
66	Quasi-periodic radar echoes from midlatitude sporadic E and role of the 5-day planetary wave. <i>Geophysical Research Letters</i> , 1998, 25, 951-954.	4.0	46
67	Thermospheric wind during a storm-time large-scale traveling ionospheric disturbance. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	46
68	Spatial relationship of equatorial plasma bubbles and field-aligned irregularities observed with an all-sky airglow imager and the Equatorial Atmosphere Radar. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	46
69	On postmidnight low-latitude ionospheric irregularities during solar minimum: 1. Equatorial Atmosphere Radar and GPS-TEC observations in Indonesia. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	46
70	SEEK-2 (Sporadic E Experiment over Kyushu 2) Project Outline, and Significance. <i>Annales Geophysicae</i> , 2005, 23, 2295-2305.	1.6	45
71	Longitudinal characteristics of spread F^{\prime} backscatter plumes observed with the EAR and Sanya VHF radar in Southeast Asia. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6544-6557.	2.4	45
72	Observations of neutral winds, wind shears, and wave structure during a sporadic E/QP event. <i>Annales Geophysicae</i> , 2005, 23, 2369-2375.	1.6	44

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73	Lactate dehydrogenase activity as a cause of metronidazole resistance in <i>Bacteroides fragilis</i> NCTC 11295. <i>Journal of Antimicrobial Chemotherapy</i> , 1991, 28, 47-53.	3.0	43
74	High-Resolution Observations with MU Radar of a KH Instability Triggered by an Inertiaâ€“Gravity Wave in the Upper Part of a Jet Stream. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 1711-1718.	1.7	43
75	Function of Genes Encoding Acyl-CoA Synthetase and Enoyl-CoA Hydratase for Host-Selective ACT-Toxin Biosynthesis in the Tangerine Pathotype of <i>Alternaria alternata</i> . <i>Phytopathology</i> , 2009, 99, 369-377.	2.2	43
76	Altitude-extended equatorial spreadFobserved near sunrise terminator over Indonesia. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	41
77	Modulation of the midlatitude ionosphericEregion by atmospheric gravity waves through polarization electric field. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	41
78	High performance tokamak experiments with a ferritic steel wall on JFT-2M. <i>Nuclear Fusion</i> , 2003, 43, 1288-1293.	3.5	40
79	On the fresh development of equatorial plasma bubbles around the midnight hours of June solstice. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9051-9062.	2.4	40
80	Overview of fatigue damage evaluation rule for railway axles in Japan and fatigue property of railway axle made of medium carbon steel. <i>International Journal of Fatigue</i> , 2020, 132, 105361.	5.7	40
81	Viscosity waves and thermalâ€“conduction waves as a cause of â€œspecularâ€“reflectors in radar studies of the atmosphere. <i>Radio Science</i> , 1991, 26, 1281-1303.	1.6	39
82	Cysteine proteinases in bronchoalveolar epithelial cells and lavage fluid of rat lung.. <i>Journal of Histochemistry and Cytochemistry</i> , 1991, 39, 461-468.	2.5	39
83	A Preliminary Report on Observations of Equatorial Atmosphere Dynamics in Indonesia with Radars and Radiosondes. <i>Journal of the Meteorological Society of Japan</i> , 1995, 73, 393-406.	1.8	39
84	Validation of Winds Measured by MU Radar with GPS Radiosondes during the MUTSI Campaign. <i>Journal of Atmospheric and Oceanic Technology</i> , 2001, 18, 817-829.	1.3	39
85	Conjugate observations of the mid-latitude electric field fluctuations with the MU radar and the Freja satellite. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1998, 60, 129-140.	1.6	37
86	Computer simulation of polarization electric fields as a source of midlatitude field-aligned irregularities. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	37
87	A MU radarâ€“based study of midâ€“latitude <i>F<sub>2</sub></i> region response to a geomagnetic disturbance. <i>Journal of Geophysical Research</i> , 1990, 95, 21077-21094.	3.3	36
88	Radar interferometry technique and anisotropy of the echo power distribution: First results. <i>Radio Science</i> , 1991, 26, 1315-1326.	1.6	36
89	Middle and upper atmosphere radar observations of turbulence and movement of midlatitude sporadicIrregularities. <i>Journal of Geophysical Research</i> , 1995, 100, 12173.	3.3	36
90	Simultaneous observation of sporadic E with a rapid-run ionosonde and VHF coherent backscatter radar. <i>Annales Geophysicae</i> , 2006, 24, 153-162.	1.6	36

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91	Digital beacon receiver for ionospheric TEC measurement developed with GNU Radio. <i>Earth, Planets and Space</i> , 2008, 60, e21-e24.	2.5	36
92	Thermospheric meridional winds measured by the middle and upper atmosphere radar. <i>Journal of Geophysical Research</i> , 1990, 95, 7683-7692.	3.3	35
93	Stress anomaly in Al-rich Ti-Al single crystals deformed by the motion of $1/2\langle 110 \rangle$ ordinary dislocations. <i>Philosophical Magazine Letters</i> , 1998, 78, 385-391.	1.2	35
94	Imaging observations of nighttime mid-latitude F-region field-aligned irregularities by an MU radar ultra-multi-channel system. <i>Annales Geophysicae</i> , 2008, 26, 2345-2352.	1.6	35
95	Middle and upper atmosphere radar observations of ionospheric density gradients produced by gravity wave packets. <i>Journal of Geophysical Research</i> , 1994, 99, 6321.	3.3	34
96	Extended period frequency domain interferometry observations at stratospheric and tropospheric heights. <i>Radio Science</i> , 1995, 30, 1099-1109.	1.6	34
97	Identification of a temperature-sensitive asparaginyl-transfer ribonucleic acid synthetase mutant of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1977, 132, 127-131.	2.2	34
98	First 24.5-MHz radar measurements of quasi-periodic backscatter from field-aligned irregularities in midlatitude sporadic E. <i>Geophysical Research Letters</i> , 1998, 25, 1765-1768.	4.0	33
99	Dimensional measurement of high aspect ratio micro structures with a resonating micro cantilever probe. <i>Microsystem Technologies</i> , 2000, 6, 179-183.	2.0	33
100	Vertically aligned carbon nanotubes produced by radio-frequency plasma-enhanced chemical vapor deposition at low temperature and their growth mechanism. <i>Materials Chemistry and Physics</i> , 2004, 87, 31-38.	4.0	33
101	High-resolution vertical imaging of the troposphere and lower stratosphere using the new MU radar system. <i>Annales Geophysicae</i> , 2006, 24, 791-805.	1.6	33
102	First three-dimensional simulation of the Perkins instability in the nighttime midlatitude ionosphere. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	33
103	On the application of differential phase measurements to study the zonal large scale wave structure (LSWS) in the ionospheric electron content. <i>Radio Science</i> , 2012, 47, .	1.6	33
104	Explicit characteristics of evolutionary-type plasma bubbles observed from Equatorial Atmosphere Radar during the low to moderate solar activity years 2010-2012. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1371-1382.	2.4	33
105	First measurement of the muon neutrino charged current single pion production cross section on water with the T2K near detector. <i>Physical Review D</i> , 2017, 95, .	4.7	33
106	Poststatistic steering wind estimation in the troposphere and lower stratosphere. <i>Radio Science</i> , 1993, 28, 261-271.	1.6	32
107	Structures in sporadic-E observed with an impedance probe during the SEEK Campaign: Comparisons with neutral-wind and radar-echo observations. <i>Geophysical Research Letters</i> , 1998, 25, 1781-1784.	4.0	32
108	Electric field measurements above and within a sporadic-E layer. <i>Geophysical Research Letters</i> , 1998, 25, 1769-1772.	4.0	32

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109	Simulations of plasma clouds in the midlatitude E region ionosphere with implications for type I and type II quasiperiodic echoes. <i>Journal of Geophysical Research</i> , 2002, 107, S1A 17-1.	3.3	32
110	Observation of three-dimensional structures of quasi-periodic echoes associated with mid-latitude sporadic-E layers by MU radar ultra-multi-channel system. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	32
111	Ground observation and AMIE-TIEGCM modeling of a storm-time traveling ionospheric disturbance. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	32
112	Mid-latitude Summer Nighttime Anomaly (MSNA) " observations and model simulations. <i>Annales Geophysicae</i> , 2011, 29, 157-165.	1.6	32
113	Cell surface changes associated with aging of chick embryo fibroblasts in culture. <i>Experimental Cell Research</i> , 1977, 108, 87-93.	2.6	31
114	A Typhoon Observed with the MU Radar. <i>Monthly Weather Review</i> , 1991, 119, 755-768.	1.4	31
115	Diurnal variations of the planetary boundary layer observed with an L-band clear-air doppler radar. <i>Boundary-Layer Meteorology</i> , 1995, 74, 419-424.	2.3	31
116	Pelvic exenteration for the treatment of gynecological malignancies. <i>Archives of Gynecology and Obstetrics</i> , 1997, 259, 133-138.	1.7	31
117	Three-dimensional simulation on generation of polarization electric field in the midlatitude E-region ionosphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	31
118	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. <i>Physical Review Letters</i> , 2016, 116, 181801.	7.8	31
119	A note on daytime enhancement of the amplitude of geomagnetic-storm sudden commencements in the equatorial region. <i>Journal of Geophysical Research</i> , 1960, 65, 2538-2539.	3.3	30
120	Comparison of VHF Doppler beam swinging and spaced antenna observations with the MU radar: First results. <i>Radio Science</i> , 1990, 25, 629-640.	1.6	30
121	Clinicopathologic Features of Oculopharyngodistal Myopathy With LRP12 CCG Repeat Expansions Compared With Other Oculopharyngodistal Myopathy Subtypes. <i>JAMA Neurology</i> , 2021, 78, 853.	9.0	30
122	Interpretation of the structure of mesospheric turbulence layers in terms of inertia gravity waves. <i>Physica Scripta</i> , 1988, 37, 645-650.	2.5	29
123	Errors in the Determination of Wind Speed by Doppler Radar. <i>Journal of Atmospheric and Oceanic Technology</i> , 1989, 6, 235-242.	1.3	29
124	Daytime 150 km echoes observed with the Equatorial Atmosphere Radar in Indonesia: First results. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	29
125	An Analysis Technique for Deriving Vector Winds and In-Beam Incidence Angles from Radar Interferometer Measurements. <i>Journal of Atmospheric and Oceanic Technology</i> , 1992, 9, 3-14.	1.3	28
126	Comparisons of refractive index gradient and stability profiles measured by balloons and the MU radar at a high vertical resolution in the lower stratosphere. <i>Annales Geophysicae</i> , 2007, 25, 47-57.	1.6	28

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127	An experimental nanosecond Josephson 1K RAM using 5-Åµm Pb-alloy technology. IEEE Electron Device Letters, 1983, 4, 150-152.	3.9	27
128	F-region seasonal behavior as measured by the MU radar. Journal of Atmospheric and Solar-Terrestrial Physics, 1991, 53, 599-618.	0.9	27
129	First observations of quasi-periodic radar echoes from Stanford, California. Geophysical Research Letters, 1999, 26, 995-998.	4.0	27
130	Real-Time Ionosphere Monitoring by Three-Dimensional Tomography over Japan. Navigation, Journal of the Institute of Navigation, 2017, 64, 495-504.	2.8	27
131	Gravity waves observed by the Kyoto meteor radar in 1983â€“1985. Journal of Atmospheric and Solar-Terrestrial Physics, 1986, 48, 597-603.	0.9	26
132	Middle and upper atmosphere radar observations of ionospheric electric fields. Journal of Geophysical Research, 1993, 98, 11615-11627.	3.3	26
133	Clutter suppression for high-resolution atmospheric observations using multiple receivers and multiple frequencies. Radio Science, 2010, 45, n/a-n/a.	1.6	26
134	On postmidnight low-latitude ionospheric irregularities during solar minimum: 2. C/NOFS observations and comparisons with the Equatorial Atmosphere Radar. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	26
135	Prothoracicotropic Activity of SBRPs, the Insulin-like Peptides of the Saturniid Silkworm <i>Samia cynthia ricini</i> . Biochemical and Biophysical Research Communications, 1999, 266, 575-578.	2.1	25
136	Identification and detection of <i>Pseudomonas plecoglossicida</i> isolates with PCR primers targeting the <i>gyrB</i> region. Journal of Fish Diseases, 2007, 30, 391-397.	1.9	25
137	Observations of Kelvinâ€“Helmholtz instability at a cloud base with the middle and upper atmosphere (MU) and weather radars. Journal of Geophysical Research, 2010, 115, .	3.3	25
138	Observational study on diurnal precipitation cycle in equatorial Indonesia using 1.3-GHz wind profiling radar network and TRMM precipitation radar. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 1031-1042.	1.6	25
139	A comparative study of equatorial daytime vertical E Ã— B drift in the Indian and Indonesian sectors based on 150 km echoes. Journal of Geophysical Research, 2012, 117, .	3.3	25
140	A statistical study of the response of the dayside equatorial F2 layer to the main phase of intense geomagnetic storms as an indicator of penetration electric field. Journal of Geophysical Research, 2011, 116, .	3.3	24
141	Cloud episode propagation over the Indonesian Maritime Continent from 10 years of infrared brightness temperature observations. Atmospheric Research, 2013, 120-121, 268-286.	4.1	24
142	Cord blood transplantation is associated with rapid B-cell neogenesis compared with BM transplantation. Bone Marrow Transplantation, 2014, 49, 1155-1161.	2.4	24
143	Altitude development of postmidnight F_2 region field-aligned irregularities observed using Equatorial Atmosphere Radar in Indonesia. Geophysical Research Letters, 2016, 43, 1015-1022.	4.0	24
144	Measurement of Coherent ν Production in Low Energy Neutrino-Carbon Scattering. Physical Review Letters, 2016, 117, 192501.	2.8	24

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145	Convection-induced gravity waves observed by the Equatorial Atmosphere Radar (0.20°S, 100.32°E) in Indonesia. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	23
146	MU Radar and Lidar Observations of Clear-Air Turbulence underneath Cirrus. <i>Monthly Weather Review</i> , 2010, 138, 438-452.	1.4	23
147	Updated T2K measurements of muon neutrino and antineutrino disappearance using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mn} \rangle 1.5 \langle / \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \text{Å} \langle / \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle / \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 0 \langle / \text{mml:mn} \rangle \langle \text{mml:mn} \rangle$ protons on target. <i>Physical Review D</i> , 2017, 96, .	4.7	23
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