

Mamoru Yamamoto

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349
papers

11,281
citations

47
h-index

93
g-index

427
ext. papers

12,339
ext. citations

2.8
avg, IF

5.6
L-index

#	Paper	IF	Citations
349	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, 313-22	3.4	3062
348	Interleukin-6 (IL-6) functions as an in vitro autocrine growth factor in renal cell carcinomas. <i>FEBS Letters</i> , 1989 , 250, 607-10	3.8	325
347	Mid-latitude E region field-aligned irregularities observed with the MU radar. <i>Journal of Geophysical Research</i> , 1991 , 96, 15943-15949		167
346	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		161
345	Turbulent upwelling of the mid-latitude ionosphere: 1. Observational results by the MU radar. <i>Journal of Geophysical Research</i> , 1991 , 96, 3725		150
344	Gravity wave modulation of gradient drift instabilities in mid-latitude sporadic E irregularities. <i>Geophysical Research Letters</i> , 1991 , 18, 1197-1200	4.9	143
343	A physical mechanism of positive ionospheric storms at low latitudes and midlatitudes. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		141
342	Seasonal variation of momentum flux in the mesosphere observed with the MU radar. <i>Geophysical Research Letters</i> , 1990 , 17, 725-728	4.9	127
341	Three-dimensional simulation of the coupled Perkins and Es-layer instabilities in the nighttime midlatitude ionosphere. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		120
340	Equatorial Atmosphere Radar (EAR): System description and first results. <i>Radio Science</i> , 2003 , 38, n/a-n/a	1.4	118
339	Gravity waves in the mesosphere observed with the middle and upper atmosphere radar. <i>Radio Science</i> , 1990 , 25, 1005-1018	1.4	105
338	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. <i>Physical Review Letters</i> , 2017 , 118, 151801	7.4	103
337	On the origin of quasi-periodic radar backscatter from midlatitude sporadic E. <i>Radio Science</i> , 1994 , 29, 349-365	1.4	102
336	Traveling ionospheric disturbances detected in the FRONT Campaign. <i>Geophysical Research Letters</i> , 2001 , 28, 689-692	4.9	98
335	Cerebrospinal fluid gamma-aminobutyric acid and homovanillic acid in depressive disorders. <i>Biological Psychiatry</i> , 1982 , 17, 877-83	7.9	87
334	Wave-4 pattern of the equatorial mass density anomaly: A thermospheric signature of tropical deep convection. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	79
333	Geomagnetic conjugate observation of nighttime medium-scale and large-scale traveling ionospheric disturbances: FRONT3 campaign. <i>Journal of Geophysical Research</i> , 2005 , 110,		78

332	Conjugate occurrence of the electric field fluctuations in the nighttime midlatitude ionosphere. <i>Journal of Geophysical Research</i> , 1995 , 100, 21439-21451		78
331	Simultaneous observations of nighttime medium-scale traveling ionospheric disturbances and E region field-aligned irregularities at midlatitude. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		77
330	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		77
329	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	2	76
328	The SEEK (Sporadic-E Experiment over Kyushu) Campaign. <i>Geophysical Research Letters</i> , 1998 , 25, 1761-1764		74
327	MU radar: New capabilities and system calibrations. <i>Radio Science</i> , 1990 , 25, 477-485	1.4	73
326	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,	4.9	71
325	Spatial structure of the E region field-aligned irregularities revealed by the MU radar. <i>Radio Science</i> , 1994 , 29, 337-347	1.4	69
324	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		67
323	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	4.7	66
322	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		64
321	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	2.9	63
320	Mechanisms of relaxant action of nicardipine, a new Ca ⁺⁺ -antagonist, on isolated dog cerebral and mesenteric arteries. <i>Stroke</i> , 1983 , 14, 270-5	6.7	59
319	Damping of large-scale traveling ionospheric disturbances detected with GPS networks during the geomagnetic storm. <i>Journal of Geophysical Research</i> , 2003 , 108,		58
318	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,	4.9	56
317	One-step formation of aligned carbon nanotube field emitters at 400 °C. <i>Applied Physics Letters</i> , 2003 , 82, 2485-2487	3.4	56
316	Measurement of double-differential muon neutrino charged-current interactions on C ₈ H ₈ without pions in the final state using the T2K off-axis beam. <i>Physical Review D</i> , 2016 , 93,	4.9	55
315	Strong thermospheric cooling during the 2009 major stratosphere warming. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	55

314	Observational evidence of coupling between quasi-periodic echoes and medium scale traveling ionospheric disturbances. <i>Annales Geophysicae</i> , 2007 , 25, 2185-2194	2	55
313	Overview of Venus orbiter, Akatsuki. <i>Earth, Planets and Space</i> , 2011 , 63, 443-457	2.9	54
312	Expression of MUC1 mucins inversely correlated with post-surgical survival of renal cell carcinoma patients. <i>British Journal of Cancer</i> , 1999 , 80, 301-8	8.7	53
311	Computer processing for deriving drop-size distributions and vertical air velocities from VHF Doppler radar spectra. <i>Radio Science</i> , 1990 , 25, 961-973	1.4	53
310	First tomographic observations of the Midlatitude Summer Nighttime Anomaly over Japan. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		51
309	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	4.9	51
308	The SEEK Chemical Release Experiment: Observed neutral wind profile in a region of sporadic E. <i>Geophysical Research Letters</i> , 1998 , 25, 1789-1792	4.9	51
307	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		50
306	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, n/a-n/a		50
305	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	1.4	50
304	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	1.4	50
303	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		49
302	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, n/a-n/a	1.4	46
301	Eastward traverse of equatorial plasma plumes observed with the Equatorial Atmosphere Radar in Indonesia. <i>Annales Geophysicae</i> , 2006 , 24, 1411-1418	2	46
300	Three-dimensional GPS ionospheric tomography over Japan using constrained least squares. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 3044-3052	2.6	45
299	On seeding, large-scale wave structure, equatorial spread F, and scintillations over Vietnam. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	45
298	On large-scale wave structure and equatorial spread F without a post-sunset rise of the F layer. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	45
297	Aspect sensitivity of stratospheric VHF radio wave scatterers, particularly above 15-km altitude. <i>Radio Science</i> , 1990 , 25, 613-627	1.4	45

296	Phase reversal of the diurnal cycle in the midlatitude ionosphere. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		43
295	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,		42
294	Coupling of the Perkins instability and the sporadic E layer instability derived from physical arguments. <i>Journal of Geophysical Research</i> , 2004 , 109,		42
293	Simultaneous middle and upper atmosphere radar and ionospheric sounder observations of midlatitude E region irregularities and sporadic E layer. <i>Journal of Geophysical Research</i> , 2002 , 107, SIA 3-1		42
292	Enhanced ionospheric plasma bubble generation in more active ITCZ. <i>Geophysical Research Letters</i> , 2016 , 43, 2389-2395	4.9	42
291	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	2.6	41
290	Thermospheric wind during a storm-time large-scale traveling ionospheric disturbance. <i>Journal of Geophysical Research</i> , 2003 , 108,		41
289	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		41
288	New aspects of thermospheric and ionospheric storms revealed by CHAMP. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		40
287	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		40
286	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	5.1	38
285	High performance tokamak experiments with a ferritic steel wall on JFT-2M. <i>Nuclear Fusion</i> , 2003 , 43, 1288-1293	3.3	37
284	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	4.9	37
283	High-Resolution Observations with MU Radar of a KH Instability Triggered by an Inertia-Gravity Wave in the Upper Part of a Jet Stream. <i>Journals of the Atmospheric Sciences</i> , 2008 , 65, 1711-1718	2.1	36
282	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,	4.9	36
281	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	2.8	36
280	A possible mechanism for echo striation generation of radar backscatter from midlatitude sporadic E. <i>Radio Science</i> , 2000 , 35, 1155-1164	1.4	35
279	Longitudinal characteristics of spread F 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	2.6	34

278	Altitude-extended equatorial spread F observed near sunrise terminator over Indonesia. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	34
277	Medium-scale traveling ionospheric disturbances by three-dimensional ionospheric GPS tomography. <i>Earth, Planets and Space</i> , 2016 , 68,	2.9	33
276	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	2	33
275	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	4.4	33
274	SEEK-2 (Sporadic-E Experiment over Kyushu 2) [Project Outline, and Significance. <i>Annales Geophysicae</i> , 2005 , 23, 2295-2305	2	33
273	Cysteine proteinases in bronchoalveolar epithelial cells and lavage fluid of rat lung. <i>Journal of Histochemistry and Cytochemistry</i> , 1991 , 39, 461-8	3.4	33
272	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, n/a-n/a	1.4	32
271	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		32
270	Observations of neutral winds, wind shears, and wave structure during a sporadic-E/QP event. <i>Annales Geophysicae</i> , 2005 , 23, 2369-2375	2	32
269	A MU radar-based study of mid-latitude F region response to a geomagnetic disturbance. <i>Journal of Geophysical Research</i> , 1990 , 95, 21077		32
268	Stress anomaly in Al-rich Ti-Al single crystals deformed by the motion of $1/2[110]$ ordinary dislocations. <i>Philosophical Magazine Letters</i> , 1998 , 78, 385-391	1	31
267	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	2.6	31
266	Mid-latitude Summer Nighttime Anomaly (MSNA) [observations and model simulations. <i>Annales Geophysicae</i> , 2011 , 29, 157-165	2	30
265	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	3.8	30
264	High-resolution vertical imaging of the troposphere and lower stratosphere using the new MU radar system. <i>Annales Geophysicae</i> , 2006 , 24, 791-805	2	30
263	Middle and upper atmosphere radar observations of ionospheric density gradients produced by gravity wave packets. <i>Journal of Geophysical Research</i> , 1994 , 99, 6321		30
262	Thermospheric meridional winds measured by the middle and upper atmosphere radar. <i>Journal of Geophysical Research</i> , 1990 , 95, 7683		30
261	Viscosity waves and thermal-conduction waves as a cause of [peculiar]reflectors in radar studies of the atmosphere. <i>Radio Science</i> , 1991 , 26, 1281-1303	1.4	30

260	Storm-Enhanced Development of Postsunset Equatorial Plasma Bubbles Around the Meridian 120°E/60°W on 7 ^B September 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 7985-7998 ^{2.6}	30
259	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	2 29
258	Extended period frequency domain interferometry observations at stratospheric and tropospheric heights. <i>Radio Science</i> , 1995 , 30, 1099-1109	1.4 29
257	Pelvic exenteration for the treatment of gynecological malignancies. <i>Archives of Gynecology and Obstetrics</i> , 1997 , 259, 133-8	2.5 28
256	Modulation of the midlatitude ionospheric E region by atmospheric gravity waves through polarization electric field. <i>Journal of Geophysical Research</i> , 2004 , 109,	28
255	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	2 28
254	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	4.9 28
253	Middle and upper atmosphere radar observations of turbulence and movement of midlatitude sporadic E irregularities. <i>Journal of Geophysical Research</i> , 1995 , 100, 12173	28
252	Comparison of VHF Doppler beam swinging and spaced antenna observations with the MU radar: First results. <i>Radio Science</i> , 1990 , 25, 629-640	1.4 28
251	Cell surface changes associated with aging of chick embryo fibroblasts in culture. <i>Experimental Cell Research</i> , 1977 , 108, 87-93	4.2 28
250	First three-dimensional simulation of the Perkins instability in the nighttime midlatitude ionosphere. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9 27
249	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,	4.9 27
248	Diurnal variations of the planetary boundary layer observed with anL-band clear-air doppler radar. <i>Boundary-Layer Meteorology</i> , 1995 , 74, 419-424	3.4 27
247	Poststatistic steering wind estimation in the troposphere and lower stratosphere. <i>Radio Science</i> , 1993 , 28, 261-271	1.4 27
246	Radar interferometry technique and anisotropy of the echo power distribution: First results. <i>Radio Science</i> , 1991 , 26, 1315-1326	1.4 27
245	Interpretation of the structure of mesospheric turbulence layers in terms of inertia gravity waves. <i>Physica Scripta</i> , 1988 , 37, 645-650	2.6 27
244	Digital beacon receiver for ionospheric TEC measurement developed with GNU Radio. <i>Earth, Planets and Space</i> , 2008 , 60, e21-e24	2.9 26
243	A Typhoon Observed with the MU Radar. <i>Monthly Weather Review</i> , 1991 , 119, 755-768	2.4 26

242	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	2.6	25
241	Computer simulation of polarization electric fields as a source of midlatitude field-aligned irregularities. <i>Journal of Geophysical Research</i> , 2003 , 108,		25
240	Electric field measurements above and within a sporadic-E layer. <i>Geophysical Research Letters</i> , 1998 , 25, 1769-1772	4.9	25
239	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	2	25
238	Errors in the Determination of Wind Speed by Doppler Radar. <i>Journal of Atmospheric and Oceanic Technology</i> , 1989 , 6, 235-242	2	25
237	Identification of a temperature-sensitive asparaginyl-transfer ribonucleic acid synthetase mutant of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1977 , 132, 127-31	3.5	25
236	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,	4.9	24
235	A comparative study of equatorial daytime vertical E/B drift in the Indian and Indonesian sectors based on 150 km echoes. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		24
234	Daytime 150-km echoes observed with the Equatorial Atmosphere Radar in Indonesia: First results. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	24
233	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	2	24
232	Prothoracicotropic activity of SBRPs, the insulin-like peptides of the saturniid silkworm <i>Samia cynthia ricini</i> . <i>Biochemical and Biophysical Research Communications</i> , 1999 , 266, 575-8	3.4	24
231	An experimental nanosecond Josephson 1K RAM using 5- μ m Pb-alloy technology. <i>IEEE Electron Device Letters</i> , 1983 , 4, 150-152	4.4	24
230	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		24
229	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	24
228	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. <i>Physical Review Letters</i> , 2016 , 116, 181801	7.4	23
227	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. <i>Journal of Geophysical Research</i> , 2011 , 116,		23
226	Clutter suppression for high-resolution atmospheric observations using multiple receivers and multiple frequencies. <i>Radio Science</i> , 2010 , 45, n/a-n/a	1.4	23
225	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		23

224	Simultaneous observation of sporadic E with a rapid-run ionosonde and VHF coherent backscatter radar. <i>Annales Geophysicae</i> , 2006 , 24, 153-162	2	23
223	Dimensional measurement of high aspect ratio micro structures with a resonating micro cantilever probe. <i>Microsystem Technologies</i> , 2000 , 6, 179-183	1.7	23
222	Gravity waves observed by the Kyoto meteor radar in 1983-1985. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1986 , 48, 597-603		23
221	Observational study on diurnal precipitation cycle in equatorial Indonesia using 1.3-GHz wind profiling radar network and TRMM precipitation radar. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011 , 73, 1031-1042	2	22
220	Observations of Kelvin-Helmholtz instability at a cloud base with the middle and upper atmosphere (MU) and weather radars. <i>Journal of Geophysical Research</i> , 2010 , 115,		22
219	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	4.9	22
218	Middle and upper atmosphere radar observations of ionospheric electric fields. <i>Journal of Geophysical Research</i> , 1993 , 98, 11615		22
217	X-ray and magnetic investigations of the high-temperature phase in the Co-rich Co-V alloy system. <i>Physica Status Solidi A</i> , 1976 , 33, 625-632		21
216	An enzymatic chromatographic procedure for the determination of d-amino acids in plant and soil extracts. <i>Phytochemistry</i> , 1971 , 10, 267-274	4	21
215	Updated T2K measurements of muon neutrino and antineutrino disappearance using 1.5 × 10 ²¹ protons on target. <i>Physical Review D</i> , 2017 , 96,	4.9	20
214	Real-Time Ionosphere Monitoring by Three-Dimensional Tomography over Japan. <i>Navigation, Journal of the Institute of Navigation</i> , 2017 , 64, 495-504	2.3	20
213	MU Radar and Lidar Observations of Clear-Air Turbulence underneath Cirrus. <i>Monthly Weather Review</i> , 2010 , 138, 438-452	2.4	20
212	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, SIA 17-1		20
211	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	4.9	20
210	F-region seasonal behavior as measured by the MU radar. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1991 , 53, 599-618		20
209	Transformation temperatures and magnetic properties of the ordered hexagonal VCo ₃ compound. <i>Physica Status Solidi A</i> , 1974 , 23, K167-K169		20
208	Cord blood transplantation is associated with rapid B-cell neogenesis compared with BM transplantation. <i>Bone Marrow Transplantation</i> , 2014 , 49, 1155-61	4.4	19
207	Ionospheric irregularities in the low-latitude valley region observed with the Equatorial Atmosphere Radar. <i>Journal of Geophysical Research</i> , 2005 , 110,		19

206	Frequency domain interferometry observations of tropo/stratospheric scattering layers using the MU radar: Description and first results. <i>Geophysical Research Letters</i> , 1990 , 17, 2189-2192	4.9	19
205	Compatibility of reduced activation ferritic steel wall with high performance plasma on JFT-2M. <i>Nuclear Fusion</i> , 2006 , 46, 966-971	3.3	18
204	Radio tomographic imaging of sporadic-E layers during SEEK-2. <i>Annales Geophysicae</i> , 2005 , 23, 2357-2368	2	18
203	First observations of quasi-periodic radar echoes from Stanford, California. <i>Geophysical Research Letters</i> , 1999 , 26, 995-998	4.9	18
202	Middle and upper atmosphere radar observations of ionospheric horizontal gradients produced by gravity waves. <i>Journal of Geophysical Research</i> , 1993 , 98, 9443		18
201	Preparation and properties of tin-doped indium oxide thin films by thermal decomposition of organometallic compounds. <i>Materials Research Bulletin</i> , 1986 , 21, 803-806	5.1	18
200	Composition dependence of lattice parameters and magnetic moments of f.c.c. Co _{1-x} V _x alloys. <i>Physica Status Solidi A</i> , 1974 , 22, K131-K133		18
199	Coordinated observations of postmidnight irregularities and thermospheric neutral winds and temperatures at low latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 7504-7518	2.6	17
198	Azotobacter vinelandii gene clusters for two types of peptidic and catechol siderophores produced in response to molybdenum. <i>Journal of Applied Microbiology</i> , 2011 , 111, 932-8	4.7	17
197	Range-imaging observations of cumulus convection and Kelvin-Helmholtz instabilities with the MU radar. <i>Radio Science</i> , 2007 , 42, n/a-n/a	1.4	17
196	Three-dimensional simulation on generation of polarization electric field in the midlatitude E-region ionosphere. <i>Journal of Geophysical Research</i> , 2004 , 109,		17
195	Height comparison of midlatitude E region field-aligned irregularities and sporadic E Layer. <i>Geophysical Research Letters</i> , 1998 , 25, 1813-1816	4.9	17
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