

Mamoru Yamamoto

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Complementing regional ground GNSS-TEC computerized ionospheric tomography (CIT) with ionosonde data assimilation. <i>GPS Solutions</i> , 2021 , 25, 1	4.4	2
348	Clinicopathologic Features of Oculopharyngodistal Myopathy With LRP12 CGG Repeat Expansions Compared With Other Oculopharyngodistal Myopathy Subtypes. <i>JAMA Neurology</i> , 2021 , 78, 853-863	17.2	6
347	Discoid Lupus Erythematosus in a Patient With Alopecia Totalis. <i>Actas Dermo-sifilograficas</i> , 2021 , 112, 77-79	0.5	
346	Evaluation of EAR Spaced Antenna Performance Using Multiple Receiving Antennas Orientations. <i>Radio Science</i> , 2020 , 55, e2019RS007049	1.4	1
345	Dilatory and Downward Development of 3-m Scale Irregularities in the Funnel-Like Region of a Rapidly Rising Equatorial Plasma Bubble. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL087256	4.9	2
344	Wavenumber Spectra of Atmospheric Gravity Waves and Medium-Scale Traveling Ionospheric Disturbances Based on More Than 10-Year Airglow Images in Japan, Russia, and Canada. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2019JA026807	2.6	6
343	Non-parametric optimization of railway wheel web shape based on fatigue design criteria. <i>International Journal of Fatigue</i> , 2020 , 134, 105463	5	3
342	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
341	On the Seeding of Periodic Equatorial Plasma Bubbles by Gravity Waves Associated With Tropical Cyclone: A Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA028003	2.6	0
340	Daytime Dynamo Electrodynamics With Spiral Currents Driven by Strong Winds Revealed by Vapor Trails and Sounding Rocket Probes. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088803	4.9	3
339	Primary Lymphangiosarcoma of the Urinary Bladder in a Dog. <i>Journal of Comparative Pathology</i> , 2020 , 179, 31-35	1	
338	Ecoregional variations of aboveground biomass and stand structure in evergreen broadleaved forests. <i>Journal of Forestry Research</i> , 2020 , 31, 1713-1722	2	6
337	Experimental validation of railway axle fatigue crack growth using operational loading. <i>Engineering Fracture Mechanics</i> , 2019 , 213, 142-152	4.2	8
336	Diffuse Pulmonary Meningotheliomatosis with Sarcomatous Transformation in a Shiba Dog. <i>Journal of Comparative Pathology</i> , 2019 , 171, 1-5	1	
335	Development of Software-Defined Multichannel Receiver for EAR. <i>Radio Science</i> , 2019 , 54, 671	1.4	1
334	Investigation of Spatiotemporal Morphology of Plasma Bubbles Based on EAR Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 10549-10563	2.6	3
333	Real-time 3-D Ionospheric Tomography and Its Validation by the MU Radar 2019 ,		1

332	Direct numerical simulation of Taylor-Couette turbulent flow controlled by a traveling wave-like blowing and suction. <i>International Journal of Heat and Fluid Flow</i> , 2019 , 80, 108463	2.4	5
331	A New Method for Estimating Coarse Root Production in Forest Ecosystem. <i>Forest Science</i> , 2019 , 65, 117-124	1.4	1
330	Development of Middle and Upper Atmosphere Radar Real-Time Processing System With Adaptive Clutter Rejection. <i>Radio Science</i> , 2018 , 53, 83-92	1.4	3
329	Measurement of the single $\bar{\nu}$ production rate in neutral current neutrino interactions on water. <i>Physical Review D</i> , 2018 , 97,	4.9	3
328	Aboveground biomass increment and stand dynamics in tropical evergreen broadleaved forest. <i>Journal of Sustainable Forestry</i> , 2018 , 37, 1-14	1.2	6
327	On the Solstice Maxima and Azimuth-Dependent Characteristics of the 150-km Echoes Observed Using the Equatorial Atmosphere Radar. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 6752-6759	2.6	2
326	A Natural Forest of Commercial Timber Species: Logging or Not Logging. <i>Small-Scale Forestry</i> , 2018 , 17, 555-568	1.2	1
325	Relationship between day-to-day variability of equatorial plasma bubble activity from GPS scintillation and atmospheric properties from Ground-to-topside model of Atmosphere and Ionosphere for Aeronomy (GAIA) assimilation. <i>Progress in Earth and Planetary Science</i> , 2018 , 5,	3.9	4
324	Impact of Pulmonary Valve Regurgitation on Pressure Difference of Pulmonary Valve Stenosis in Patients with Tetralogy of Fallot After Repair. <i>Pediatric Cardiology</i> , 2018 , 39, 1663-1668	2.1	1
323	Statistical Analysis of the Phase Velocity Distribution of Mesospheric and Ionospheric Waves Observed in Airglow Images Over a 16-Year Period: Comparison Between Rikubetsu and Shigaraki, Japan. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 6930-6947	2.6	9
322	Unseasonal development of post-sunset F-region irregularities over Southeast Asia on 28 July 2014: 2. Forcing from below?. <i>Progress in Earth and Planetary Science</i> , 2018 , 5,	3.9	5
321	Arrival Angle and Travel Time Measurements of HF Transequatorial Propagation for Plasma Bubble Monitoring. <i>Radio Science</i> , 2018 , 53, 1304-1315	1.4	0
320	2018 ,		2
319	Storm-Enhanced Development of Postsunset Equatorial Plasma Bubbles Around the Meridian 120°E/60°W on 7 th September 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 7985-7998	2.6	30
318	Vertical rise velocity of equatorial plasma bubbles estimated from Equatorial Atmosphere Radar (EAR) observations and HIRB model simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 6584-6594	2.6	13
317	Stress concentration of transition groove induced by a press-fitted part in railway axles. <i>International Journal of Fatigue</i> , 2017 , 97, 48-55	5	12
316	Search for Lorentz and CPT violation using sidereal time dependence of neutrino flavor transitions over a short baseline. <i>Physical Review D</i> , 2017 , 95,	4.9	14
315	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

314	History of Development of the MU (Middle and Upper Atmosphere) Radar, the First Large-Scale Atmospheric Radar with Two-Dimensional Active Phased Array Antenna System 2017 ,		1
313	Daytime zonal drifts in the ionospheric 150km and E regions estimated using EAR observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 9045-9055	2.6	3
312	Temperature measurement of supercooled droplet in icing phenomenon by means of dual-luminescent imaging. <i>Journal of Thermal Science</i> , 2017 , 26, 316-320	1.9	1
311	Sixteen year variation of horizontal phase velocity and propagation direction of mesospheric and thermospheric waves in airglow images at Shigaraki, Japan. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 8770-8780	2.6	15
310	Updated T2K measurements of muon neutrino and antineutrino disappearance using 1.5 \times 10 ²¹ protons on target. <i>Physical Review D</i> , 2017 , 96,	4.9	20
309	The Solar Flux Dependence of Ionospheric 150km Radar Echoes and Implications. <i>Geophysical Research Letters</i> , 2017 , 44, 11,257-11,264	4.9	10
308	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
307	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. <i>Physical Review Letters</i> , 2017 , 118, 151801	7.4	103
306	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
305	Predawn plasma bubble cluster observed in Southeast Asia. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 5868-5879	2.6	4
304	MU?????. <i>IEICE Communications Society Magazine</i> , 2016 , 9, 236-242	0	
303	Measurement of the muon neutrino inclusive charged-current cross section in the energy range of 1B GeV with the T2K INGRID detector. <i>Physical Review D</i> , 2016 , 93,	4.9	10
302	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. <i>Physical Review Letters</i> , 2016 , 116, 181801	7.4	23
301	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,	4.9	55
300	Measurement of Coherent π^+ Production in Low Energy Neutrino-Carbon Scattering. <i>Physical Review Letters</i> , 2016 , 117, 192501	7.4	15
299	Special issue International CAWSES-II Symposium <i>Earth, Planets and Space</i> , 2016 , 68,	2.9	1
298	Medium-scale traveling ionospheric disturbances by three-dimensional ionospheric GPS tomography. <i>Earth, Planets and Space</i> , 2016 , 68,	2.9	33
297	Comparison of crack growth behaviour between full-scale railway axle and scaled specimen. <i>International Journal of Fatigue</i> , 2016 , 92, 159-165	5	10

296	The new experiment WAGASCI for water to hydrocarbon neutrino cross section measurement using the J-PARC beam. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 012030	0.3	4
295	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
294	Enhanced ionospheric plasma bubble generation in more active ITCZ. <i>Geophysical Research Letters</i> , 2016 , 43, 2389-2395	4.9	42
293	Altitude development of postmidnight F region field-aligned irregularities observed using Equatorial Atmosphere Radar in Indonesia. <i>Geophysical Research Letters</i> , 2016 , 43, 1015-1022	4.9	15
292	A proposal on the study of solar-terrestrial coupling processes with atmospheric radars and ground-based observation network. <i>Radio Science</i> , 2016 , 51, 1587-1599	1.4	5
291	Temporal change of EIA asymmetry revealed by a beacon receiver network in Southeast Asia. <i>Earth, Planets and Space</i> , 2015 , 67,	2.9	11
290	Spectral parameters estimation in precipitation for 50 MHz band atmospheric radars. <i>Radio Science</i> , 2015 , 50, 789-803	1.4	3
289	Fresh and evolutionary-type field-aligned irregularities generated near sunrise terminator due to overshielding electric fields. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 5922-5930	2.6	7
288	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
287	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
286	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
285	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
284	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
283	Multilayered Surface Oxides within Crevices of Type 316L Stainless Steels in High-Temperature Pure Water. <i>Corrosion</i> , 2014 , 70, 366-374	1.8	10
282	Vertical ExB drifts from radar and C/NOFS observations in the Indian and Indonesian sectors: Consistency of observations and model. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 3777-3788	2.6	15
281	Error estimation of spectral parameters for high-resolution wind and turbulence measurements by wind profiler radars. <i>Radio Science</i> , 2014 , 49, 1214-1231	1.4	3
280	Latitudinal GRBR-TEC estimation in Southeast Asia region based on the two-station method. <i>Radio Science</i> , 2014 , 49, 910-920	1.4	4
279	Meteorological impacts of sea-surface temperature associated with the humid airflow from Tropical Cyclone Talas (2011). <i>Annales Geophysicae</i> , 2014 , 32, 841-857	2	1

278	Three-dimensional radar imaging of atmospheric layer and turbulence structures using multiple receivers and multiple frequencies. <i>Annales Geophysicae</i> , 2014 , 32, 899-909	2	8
277	An ensemble average method to estimate absolute TEC using radio beacon-based differential phase measurements: Applicability to regions of large latitudinal gradients in plasma density. <i>Radio Science</i> , 2014 , 49, 1153-1161	1.4	1
276	Development of a digital receiver for range imaging atmospheric radar. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014 , 118, 35-44	2	8
275	On validating the relationship of ionogram signatures to large-scale wave structure. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2013 , 103, 30-35	2	12
274	Cloud episode propagation over the Indonesian Maritime Continent from 10years of infrared brightness temperature observations. <i>Atmospheric Research</i> , 2013 , 120-121, 268-286	5.4	13
273	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
272	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
271	First simultaneous measurement of vertical air velocity, particle fall velocity, and hydrometeor sphericity in stratiform precipitation: Results from 47 MHz wind-profiling radar and 532 nm polarization lidar observations. <i>Radio Science</i> , 2012 , 47, n/a-n/a	1.4	4
270	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
269	Surface Oxide Layers on 316L Stainless Steel Formed in 561 K Pure Water at Different Potentials. <i>Journal of the Electrochemical Society</i> , 2012 , 159, C334-C340	3.9	10
268	First satellite-imaging observation of medium-scale traveling ionospheric disturbances by FORMOSAT-2/ISUAL. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	9
267	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
266	New aspects of thermospheric and ionospheric storms revealed by CHAMP. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		40
265	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
264	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
263	On postmidnight low-latitude ionospheric irregularities during solar minimum: 2. C/NOFS observations and comparisons with the Equatorial Atmosphere Radar. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		16
262	Strong thermospheric cooling during the 2009 major stratosphere warming. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	55
261	Comparison of FORMOSAT-3/COSMIC radio occultation measurements with radio tomography. <i>Radio Science</i> , 2011 , 46, n/a-n/a	1.4	3

260	Cloud-resolving simulation of heavy snowfalls in Japan for late December 2005: application of ocean data assimilation to a snow disaster. <i>Natural Hazards and Earth System Sciences</i> , 2011 , 11, 2555-2565	3.9	8
259	Doppler Velocity Measurement of Portable X-Band Weather Radar Equipped with Magnetron Transmitter and IF Digital Receiver. <i>IEICE Transactions on Communications</i> , 2011 , E94-B, 1716-1724	0.5	3
258	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
257	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
256	Anomalous infrared and visible light absorption and local structure of Ag ₂ S core/shell nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2011 , 103, 81-88	2.6	2
255	Lower tropospheric horizontal wind over Indonesia: A comparison of wind profiler network observations with global reanalyses. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011 , 73, 986-995	2.5	12
254	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
253	Weakening of the mid-latitude summer nighttime anomaly during geomagnetic storms. <i>Earth, Planets and Space</i> , 2011 , 63, 371-375	2.9	6
252	Overview of Venus orbiter, Akatsuki. <i>Earth, Planets and Space</i> , 2011 , 63, 443-457	2.9	54
251	Plasma bubble monitoring by HF trans-equatorial arrival angle and propagation distance measurements 2011 ,		1
250	Mid-latitude Summer Nighttime Anomaly (MSNA) observations and model simulations. <i>Annales Geophysicae</i> , 2011 , 29, 157-165	2	30
249	Assessment of radar reflectivity and Doppler velocity measured by Ka-band FMCW Doppler weather radar. <i>Journal of Atmospheric Electricity</i> , 2011 , 31, 85-94	0.1	1
248	First results from the ionospheric tomography experiment using beacon TEC data obtained by means of a network along a longitude of 136°E over Japan. <i>Earth, Planets and Space</i> , 2010 , 62, 359-364	2.9	3
247	MU Radar and Lidar Observations of Clear-Air Turbulence underneath Cirrus. <i>Monthly Weather Review</i> , 2010 , 138, 438-452	2.4	20
246	Simultaneous Observations of Thin Humidity Gradients in the Lower Troposphere with a Raman Lidar and the Very High-Frequency Middle- and Upper-Atmosphere Radar. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010 , 27, 950-956	2	8
245	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
244	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
243	Influence of midlatitude sporadic E layer patches upon the F region plasma density. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		7

242	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
241	Nighttime-like quasi periodic echoes induced by a partial solar eclipse. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	13
240	Turbulence generation by Kelvin-Helmholtz instability in the tropical tropopause layer observed with a 47 MHz range imaging radar. <i>Journal of Geophysical Research</i> , 2010 , 115,		11
239	Phase reversal of the diurnal cycle in the midlatitude ionosphere. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		43
238	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
237	Midnight latitude-altitude distribution of 630 nm airglow in the Asian sector measured with FORMOSAT-2/ISUAL. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		12
236	Zonal asymmetry of daytime 150-km echoes observed by Equatorial Atmosphere Radar in Indonesia. <i>Annales Geophysicae</i> , 2009 , 27, 967-974	2	14
235	Wind observation around the tops of the midlatitude cirrus by the MU radar and Raman/Mie lidar. <i>Earth, Planets and Space</i> , 2009 , 61, e33-e36	2.9	3
234	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
233	First tomographic observations of the Midlatitude Summer Nighttime Anomaly over Japan. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		51
232	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
231	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
230	Vertical air motion in midlevel shallow-layer clouds observed by 47-MHz wind profiler and 532-nm Mie lidar: Initial results. <i>Radio Science</i> , 2009 , 44, n/a-n/a	1.4	7
229	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
228	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
227	Statistical characteristics of AGW wave packet propagation in the lower atmosphere observed by the MU radar. <i>Annales Geophysicae</i> , 2009 , 27, 3737-3753	2	3
226	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
225	First three-dimensional simulation of the Perkins instability in the nighttime midlatitude ionosphere. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	27

224	Daytime 150-km echoes observed with the Equatorial Atmosphere Radar in Indonesia: First results. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	24
223	Observation of particle fall velocity in cirriform cloud by VHF and millimeter-wave Doppler radars. <i>Journal of Geophysical Research</i> , 2008 , 113,		8
222	Tilted refractive-index layers possibly caused by Kelvin-Helmholtz instability and their effects on the mean vertical wind observed with multiple-receiver and multiple-frequency imaging techniques. <i>Radio Science</i> , 2008 , 43, n/a-n/a	1.4	11
221	Decay of 3-m-scale ionospheric irregularities associated with a plasma bubble observed with the Equatorial Atmosphere Radar. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		14
220	Digital beacon receiver for ionospheric TEC measurement developed with GNU Radio. <i>Earth, Planets and Space</i> , 2008 , 60, e21-e24	2.9	26
219	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
218	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
217	Studies of vertical fluxes of horizontal momentum in the lower atmosphere using the MU-radar. <i>Annales Geophysicae</i> , 2008 , 26, 3765-3781	2	2
216	Growth of sweetpotato cultured in the newly designed hydroponic system for space farming. <i>Advances in Space Research</i> , 2008 , 41, 730-735	2.4	10
215	Optical and Radio Observations and AMIE/TIEGCM Modeling of Nighttime Traveling Ionospheric Disturbances at Midlatitudes During Geomagnetic Storms. <i>Geophysical Monograph Series</i> , 2008 , 271-281	1.1	4
214	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
213	Vertical group and phase velocities of ionospheric waves derived from the MU radar. <i>Radio Science</i> , 2007 , 42, n/a-n/a	1.4	1
212	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
211	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
210	Lower E region field-aligned irregularities studied using the Equatorial Atmosphere Radar and meteor radar in Indonesia. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		14
209	Observational evidence of coupling between quasi-periodic echoes and medium scale traveling ionospheric disturbances. <i>Annales Geophysicae</i> , 2007 , 25, 2185-2194	2	55
208	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
207	Identification and detection of <i>Pseudomonas plecoglossicida</i> isolates with PCR primers targeting the gyrB region. <i>Journal of Fish Diseases</i> , 2007 , 30, 391-7	2.6	12

206	Bilirubin oxidation provoked by nitric oxide radicals predicts the progression of acute cardiac allograft rejection. <i>American Journal of Transplantation</i> , 2007 , 7, 1897-906	8.7	12
205	A new technique for intestinal isoperistaltic anastomosis utilizing a linear stapler for enlargement after anastomosis performed with a circular stapler. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007 , 21, 1891-4	5.2	
204	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
203	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
202	Characteristics and implications of Doppler spectra of E region quasi-periodic echoes observed by the multibeam middle and upper atmosphere radar. <i>Journal of Geophysical Research</i> , 2006 , 111,		4
201	Simultaneous mesosphere-lower thermosphere and thermospheric F region observations using middle and upper atmosphere radar. <i>Journal of Geophysical Research</i> , 2006 , 111,		6
200	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
199	Eastward traverse of equatorial plasma plumes observed with the Equatorial Atmosphere Radar in Indonesia. <i>Annales Geophysicae</i> , 2006 , 24, 1411-1418	2	46
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