Jiyao Xu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8554352/publications.pdf

Version: 2024-02-01

136	2,450	186265	289244
papers	citations	28 h-index	40 g-index

140	140	140	1575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Different Sporadicâ€Ł (Es) Layer Types Development During the August 2018 Geomagnetic Storm: Evidence of Auroral Type (Es_a) Over the SAMA Region. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	10
2	New Findings Relating Tidal Variability and Solar Activity in the Low Latitude MLT Region. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	9
3	Persistent Layers of Enhanced Gravity Wave Dissipation in the Upper Mesosphere Revealed From SABER Observations. Geophysical Research Letters, 2022, 49, .	4.0	3
4	Upwelling coherent backscatter plumes observed with ionosondes in low-latitude region. Journal of Space Weather and Space Climate, 2022, 12, 13.	3.3	1
5	Strong Gravity Waves Associated With Tonga Volcano Eruption Revealed by SABER Observations. Geophysical Research Letters, 2022, 49, .	4.0	15
6	First Look at a Geomagnetic Storm With Santa Maria Digisonde Data: F Region Responses and Comparisons Over the American Sector. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028663.	2.4	8
7	Interaction of Oppositely Traveling Mediumâ€Scale Traveling Ionospheric Disturbances Observed in Low Latitudes During Geomagnetically Quiet Nighttime. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028723.	2.4	11
8	Comparison of Thermospheric Winds Measured by GOCE and Groundâ€Based FPIs at Low and Middle Latitudes. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028182.	2.4	5
9	Main Wave Sources of the Longitudinal Structures of Equatorial Electric Field. Geophysical Research Letters, 2021, 48, e2021GL092426.	4.0	4
10	The Influence of Ionospheric Neutral Wind Variations on the Morphology and Propagation of Medium Scale Traveling Ionospheric Disturbances on 8th August 2016. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029037.	2.4	7
11	Simultaneous Observation of Sporadic Potassium and Sodium Layers Over SÃ£o JosÃ© dos Campos, Brazil (23.1Â°S, 45.9Â°W). Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028890.	2.4	1
12	Interaction Between an EMSTID and an EPB in the EIA Crest Region Over China. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029005.	2.4	6
13	Determination of Methane Cracking in Pyrolysis Experiment and its Geochemical Significance. , 2021, , .		0
14	Occurrence characteristics of branching structures in equatorial plasma bubbles: a statistical study based on all-sky imagers in China. Earth and Planetary Physics, 2021, 5, 407-415.	1.1	6
15	Ionospheric Plasma Vertical Drift and Zonal Wind Variations Cause Unusual Evolution of EPBs During a Geomagnetically Quiet Night. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029893.	2.4	6
16	Global balanced wind derived from SABER temperature and pressure observations and its validations. Earth System Science Data, 2021, 13, 5643-5661.	9.9	11
17	Statistical Structure of Nighttime O₂ Aurora From SABER and Its Dependence on Geomagnetic and Solar Activities in Winter. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028302.	2.4	4
18	Observing System Impact on Ionospheric Specification Over China Using EnKF Assimilation. Space Weather, 2020, 18, e2020SW002527.	3.7	8

#	Article	IF	Citations
19	The Seasonal and Longitudinal Variations of Nighttime OI 135.6â€nm Emission at Equatorial Ionization Anomaly Crests Observed by the DMSP/SSUSI. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027764.	2.4	7
20	Interaction Between a Southwestward Propagating MSTID and a Poleward Moving WSAâ€Like Plasma Patch on a Magnetically Quiet Night at Midlatitude China Region. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028085.	2.4	7
21	Equatorial plasma bubbles developing around sunrise observed by an all-sky imager and global navigation satellite system network during storm time. Annales Geophysicae, 2020, 38, 163-177.	1.6	10
22	Nocturnal and Seasonal Variation of Na and K Layers Simultaneously Observed in the MLT Region at 23Â°S. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027164.	2.4	7
23	Extraction of Quasi-Monochromatic Gravity Waves from an Airglow Imager Network. Atmosphere, 2020, 11, 615.	2.3	1
24	AÂcomparison of OH nightglow volume emission rates as measured by SCIAMACHY and SABER. Atmospheric Measurement Techniques, 2020, 13, 3033-3042.	3.1	4
25	Gravity-wave-perturbed wind shears derived from SABER temperature observations. Atmospheric Chemistry and Physics, 2020, 20, 14437-14456.	4.9	5
26	Performance of the IRI-2016 over Santa Maria, a Brazilian low-latitude station located in the central region of the South American Magnetic Anomaly (SAMA). Annales Geophysicae, 2020, 38, 457-466.	1.6	5
27	Global static stability and its relation to gravity waves in the middle atmosphere. Earth and Planetary Physics, 2020, 4, 1-9.	1.1	4
28	Automatic Extraction of Gravity Waves from All-Sky Airglow Image Based on Machine Learning. Remote Sensing, 2019, 11, 1516.	4.0	8
29	Responses of Multiday Oscillations in the Nighttime Thermospheric Temperature to Solar and Geomagnetic Activities Measured by Fabryâ€Perot Interferometer in China. Journal of Geophysical Research: Space Physics, 2019, 124, 9420-9429.	2.4	4
30	On the Sources of the Ionospheric Variability in the South American Magnetic Anomaly During Solar Minimum. Journal of Geophysical Research: Space Physics, 2019, 124, 7638-7653.	2.4	10
31	Midlatitudinal Special Airglow Structures Generated by the Interaction Between Propagating Mediumâ€Scale Traveling Ionospheric Disturbance and Nighttime Plasma Density Enhancement at Magnetically Quiet Time. Geophysical Research Letters, 2019, 46, 1158-1167.	4.0	12
32	Characteristics of Highâ€Energy Proton Responses to Geomagnetic Activities in the Inner Radiation Belt Observed by the RBSP Satellite. Journal of Geophysical Research: Space Physics, 2019, 124, 7581-7591.	2.4	4
33	Evolution of a Mesospheric Bore in a Duct Observed by Groundâ€Based Doubleâ€Layer Imagers and Satellite Observations Over the Tibetan Plateau Region. Journal of Geophysical Research: Space Physics, 2019, 124, 1377-1388.	2.4	9
34	Gravity Wave Propagation from the Stratosphere into the Mesosphere Studied with Lidar, Meteor Radar, and TIMED/SABER. Atmosphere, 2019, 10, 81.	2.3	13
35	Orographic Primary and Secondary Gravity Waves in the Middle Atmosphere From 16â€Year SABER Observations. Geophysical Research Letters, 2019, 46, 4512-4522.	4.0	27
36	First OH Airglow Observation of Mesospheric Gravity Waves Over European Russia Region. Journal of Geophysical Research: Space Physics, 2018, 123, 2168-2180.	2.4	6

#	Article	IF	Citations
37	Longitudinal Thin Structure of Equatorial Plasma Depletions Coincidently Observed by Swarm Constellation and allâ€sky Imager. Journal of Geophysical Research: Space Physics, 2018, 123, 1593-1602.	2.4	20
38	A Case Study of the Stratospheric and Mesospheric Concentric Gravity Waves Excited by Thunderstorm in Northern China. Atmosphere, 2018, 9, 489.	2.3	6
39	Edge Plasma Enhancements of Equatorial Plasma Depletions Observed by Allâ€sky Imager and the C/NOFS Satellite. Journal of Geophysical Research: Space Physics, 2018, 123, 8835-8849.	2.4	10
40	A Comparison of Quiet Time Thermospheric Winds Between FPI Observations and Model Calculations. Journal of Geophysical Research: Space Physics, 2018, 123, 7789-7805.	2.4	15
41	Responses of Lower Thermospheric Temperature to the 2013 St. Patrick's Day Geomagnetic Storm. Geophysical Research Letters, 2018, 45, 4656-4664.	4.0	15
42	Evolution processes of a group of equatorial plasma bubble (EPBs) simultaneously observed by groundâ€based and satellite measurements in the equatorial region of China. Journal of Geophysical Research: Space Physics, 2017, 122, 4819-4836.	2.4	10
43	Variations of global gravity waves derived from 14Âyears of SABER temperature observations. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6231-6249.	3.3	50
44	Strong temperature gradients and vertical wind shear on MLT region associated to instability source at 23Â°S. Journal of Geophysical Research: Space Physics, 2017, 122, 4500-4511.	2.4	6
45	Equatorial E Region Electric Fields and Sporadic E Layer Responses to the Recovery Phase of the November 2004 Geomagnetic Storm. Journal of Geophysical Research: Space Physics, 2017, 122, 12,517.	2.4	17
46	Characteristics of low altitude ionospheric electric field over Hainan Island, China. Science China Earth Sciences, 2017, 60, 770-775.	5.2	1
47	Interesting Equatorial Plasma Bubbles Observed by Allâ€sky Imagers in the Equatorial Region of China. Journal of Geophysical Research: Space Physics, 2017, 122, 10,596.	2.4	25
48	Effects of solar proton events on dayglow observed by the TIMED/SABER satellite. Journal of Geophysical Research: Space Physics, 2017, 122, 7619-7635.	2.4	3
49	Persistent longitudinal variations in 8â€‰years of CIPS/AIM polar mesospheric clouds. Journal of Geophysical Research D: Atmospheres, 2016, 121, 8390-8409.	3.3	9
50	AlfvÃ©n waves as a solar-interplanetary driver of the thermospheric disturbances. Scientific Reports, 2016, 6, 18895.	3.3	18
51	Characteristics of mesospheric gravity waves over the southeastern Tibetan Plateau region. Journal of Geophysical Research: Space Physics, 2016, 121, 9204-9221.	2.4	17
52	Nighttime anomaly of ionospheric electron density. Science China Earth Sciences, 2016, 59, 1517-1518.	5.2	3
53	The responses of the nightglow emissions observed by the TIMED/SABER satellite to solar radiation. Journal of Geophysical Research: Space Physics, 2016, 121, 1627-1642.	2.4	16
54	A statistical analysis of equatorial plasma bubble structures based on an allâ€sky airglow imager network in China. Journal of Geophysical Research: Space Physics, 2016, 121, 11,495.	2.4	34

#	Article	IF	Citations
55	Daytime lidar measurements of the sodium layer in China. Science China Earth Sciences, 2016, 59, 1707-1708.	5.2	2
56	Possible modulation of migrating diurnal tide by latitudinal gradient of zonal wind observed by SABER/TIMED. Science China Earth Sciences, 2016, 59, 408-417.	5.2	4
57	Fiveâ€day waves in polar stratosphere and mesosphere temperature and mesospheric ice water measured by SOFIE/AIM. Journal of Geophysical Research D: Atmospheres, 2015, 120, 3872-3887.	3.3	11
58	Doubleâ€layer structure of OH dayglow in the mesosphere. Journal of Geophysical Research: Space Physics, 2015, 120, 5778-5787.	2.4	15
59	Mesoscale fieldâ€aligned irregularity structures (FAIs) of airglow associated with mediumâ€scale traveling ionospheric disturbances (MSTIDs). Journal of Geophysical Research: Space Physics, 2015, 120, 9839-9858.	2.4	34
60	The heating efficiency of the exothermic reaction HÂ+ÂO₃ in the mesosphere. Journal of Geophysical Research D: Atmospheres, 2015, 120, 12739-12747.	3.3	5
61	Lidar observation campaigns on diurnal variations of the sodium layer in Beijing and Wuhan, China. Science China Earth Sciences, 2015, 58, 1377-1386.	5.2	5
62	Comparison of rotational temperature derived from groundâ€based OH airglow observations with TIMED/SABER to evaluate the Einstein coefficients. Journal of Geophysical Research: Space Physics, 2015, 120, 10069-10082.	2.4	20
63	Statistical study of atmospheric gravity waves in the mesopause region observed by a lidar chain in eastern China. Journal of Geophysical Research D: Atmospheres, 2015, 120, 7619-7634.	3.3	10
64	Solar activity dependency of multiday oscillations in the nighttime thermospheric winds observed by Fabryâ€Perot interferometer. Journal of Geophysical Research: Space Physics, 2015, 120, 5871-5881.	2.4	9
65	Concentric gravity waves over northern China observed by an airglow imager network and satellites. Journal of Geophysical Research D: Atmospheres, 2015, 120, 11,058.	3.3	51
66	Characteristics and mechanisms of the annual asymmetry of thermospheric mass density. Science China Earth Sciences, 2015, 58, 540-550.	5.2	6
67	Global structure and seasonal variations of the migrating 6-h tide observed by SABER/TIMED. Science China Earth Sciences, 2015, 58, 1216-1227.	5.2	20
68	Multiday thermospheric density oscillations associated with variations in solar radiation and geomagnetic activity. Journal of Geophysical Research: Space Physics, 2015, 120, 3829-3846.	2.4	20
69	A comparison of the effects of CIRâ€and CMEâ€induced geomagnetic activity on thermospheric densities and spacecraft orbits: Statistical studies. Journal of Geophysical Research: Space Physics, 2014, 119, 7928-7939.	2.4	44
70	Large winds and wind shears caused by the nonlinear interactions between gravity waves and tidal backgrounds in the mesosphere and lower thermosphere. Journal of Geophysical Research: Space Physics, 2014, 119, 7698-7708.	2.4	23
71	Simulations of large winds and wind shears induced by gravity wave breaking in the mesosphere and lower thermosphere (MLT) region. Annales Geophysicae, 2014, 32, 543-552.	1.6	10
72	Diurnal variations of turbulence parameters over the tropical oceanic upper troposphere during SCSMEX. Science China Technological Sciences, 2014, 57, 351-359.	4.0	4

#	Article	IF	Citations
73	First U.S.â€China joint groundâ€based Fabryâ€Perot interferometer observations of longitudinal variations in the thermospheric winds. Journal of Geophysical Research: Space Physics, 2014, 119, 5755-5763.	2.4	17
74	Gravity wave variations in the polar stratosphere and mesosphere from SOFIE/AIM temperature observations. Journal of Geophysical Research D: Atmospheres, 2014, 119, 7368-7381.	3.3	31
75	Recent investigation on the coupling between the ionosphere and upper atmosphere. Science China Earth Sciences, 2014, 57, 1995-2012.	5.2	18
76	Thermospheric planetary waveâ€type oscillations observed by FPIs over Xinglong and Millstone Hill. Journal of Geophysical Research: Space Physics, 2014, 119, 6891-6901.	2.4	18
77	The responses of ionospheric topside diffusive fluxes to two geomagnetic storms in October 2002. Journal of Geophysical Research: Space Physics, 2014, 119, 6806-6820.	2.4	7
78	Responses of the lower thermospheric temperature to the 9â€‰day and 13.5â€‰day oscillations of recurrent geomagnetic activity. Journal of Geophysical Research: Space Physics, 2014, 119, 4841-4859.	2.4	21
79	Evidence for nonmigrating tides produced by the interaction between tides and stationary planetary waves in the stratosphere and lower mesosphere. Journal of Geophysical Research D: Atmospheres, 2014, 119, 471-489.	3.3	39
80	Annual asymmetry in thermospheric density: Observations and simulations. Journal of Geophysical Research: Space Physics, 2013, 118, 2503-2510.	2.4	18
81	An observational and theoretical study of the longitudinal variation in neutral temperature induced by aurora heating in the lower thermosphere. Journal of Geophysical Research: Space Physics, 2013, 118, 7410-7425.	2.4	32
82	The longitudinal variation of the daily mean thermospheric mass density. Journal of Geophysical Research: Space Physics, 2013, 118, 515-523.	2.4	25
83	Investigation of a mesospheric bore event over northern China. Annales Geophysicae, 2013, 31, 409-418.	1.6	24
84	Gravity wave activity in the troposphere and lower stratosphere: An observational study of seasonal and interannual variations. Journal of Geophysical Research D: Atmospheres, 2013, 118, 11,352.	3.3	3
85	FPI observations of nighttime mesospheric and thermospheric winds in China and their comparisons with HWM07. Annales Geophysicae, 2013, 31, 1365-1378.	1.6	28
86	The emission of oxygen green line and density of O atom determined by using ISUAL and SABER measurements. Annales Geophysicae, 2012, 30, 695-701.	1.6	17
87	A comparison of the effects of CIRâ€and CMEâ€induced geomagnetic activity on thermospheric densities and spacecraft orbits: Case studies. Journal of Geophysical Research, 2012, 117, .	3.3	46
88	The effect of â¼27 day solar rotation on ionospheric F₂ region peak densities (N_mF₂). Journal of Geophysical Research, 2012, 117, .	3.3	24
89	Terannual variation in the F₂ layer peak electron density (N_mF₂) at middle latitudes. Journal of Geophysical Research, 2012, 117, .	3.3	10
90	Using TIMED/SABER nightglow observations to investigate hydroxyl emission mechanisms in the mesopause region. Journal of Geophysical Research, 2012, 117, .	3.3	76

#	Article	IF	Citations
91	Thermosphere and ionosphere response to subauroral polarization streams (SAPS): Model simulations. Journal of Geophysical Research, 2012, 117, .	3.3	67
92	A comparison of mesospheric winds measured by FPI and meteor radar located at 40N. Science China Technological Sciences, 2012, 55, 1245-1250.	4.0	25
93	Influences of non-isothermal atmospheric backgrounds on variations of gravity wave parameters. Science China Technological Sciences, 2012, 55, 1251-1257.	4.0	6
94	First experiment of spectrometric observation of hydroxyl emission and rotational temperature in the mesopause in China. Science China Technological Sciences, 2012, 55, 1312-1318.	4.0	7
95	The effect of periodic variations of thermospheric density on CHAMP and GRACE orbits. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	27
96	Longitudinal variations of nighttime electron auroral precipitation in both the Northern and Southern hemispheres from the TIMED global ultraviolet imager. Journal of Geophysical Research, 2011, 116, .	3.3	18
97	Temporal evolution of nightglow emission responses to SSW events observed by TIMED/SABER. Journal of Geophysical Research, 2011, 116, .	3.3	13
98	Ionospheric Day-to-Day Variability Around the Whole Heliosphere Interval in 2008. Solar Physics, 2011, 274, 457-472.	2.5	45
99	Global distributions of OH and O2 (1.27 Î¼m) nightglow emissions observed by TIMED satellite. Science China Technological Sciences, 2011, 54, 447-456.	4.0	19
100	Observations of the first meteorological rocket of the Meridian Space Weather Monitoring Project. Science Bulletin, 2011, 56, 2131-2137.	1.7	11
101	Statistical characteristics of gravity wave activities observed by an OH airglow imager at Xinglong, in northern China. Annales Geophysicae, 2011, 29, 1401-1410.	1.6	39
102	Statistics of gravity wave spectra in the troposphere and lower stratosphere over Beijing. Science China Earth Sciences, 2010, 53, 141-149.	5.2	6
103	The first observation of the atmospheric tides in the mesosphere and lower thermosphere over Hainan, China. Science Bulletin, 2010, 55, 1059-1066.	1.7	13
104	First observation of mesospheric and thermospheric winds by a Fabry-Perot interferometer in China. Science Bulletin, 2010, 55, 4046-4051.	1.7	34
105	Seasonal and QBO variations in the OH nightglow emission observed by TIMED/SABER. Journal of Geophysical Research, 2010, 115, .	3.3	42
106	Seasonal variation of the Hough modes of the diurnal component of ozone heating evaluated from Aura Microwave Limb Sounder observations. Journal of Geophysical Research, 2010, 115, .	3.3	14
107	Strong longitudinal variations in the OH nightglow. Geophysical Research Letters, 2010, 37, .	4.0	52
108	Variations of the nighttime thermospheric mass density at low and middle latitudes. Journal of Geophysical Research, 2010, 115, .	3.3	28

#	Article	IF	Citations
109	Momentum balance and gravity wave forcing in the mesosphere and lower thermosphere. Geophysical Research Letters, 2009, 36, .	4.0	22
110	Spectral analysis of ionospheric electron density and mesospheric neutral wind diurnal nonmigrating tides observed by COSMIC and TIMED satellites. Geophysical Research Letters, 2009, 36, .	4.0	17
111	Estimation of the equivalent Rayleigh friction in mesosphere/lower thermosphere region from the migrating diurnal tides observed by TIMED. Journal of Geophysical Research, 2009, 114, .	3.3	15
112	Seasonal and quasiâ€biennial variations in the migrating diurnal tide observed by Thermosphere, Ionosphere, Mesosphere, Energetics and Dynamics (TIMED). Journal of Geophysical Research, 2009, 114, .	3.3	117
113	Global distribution and interannual variations of mesospheric and lower thermospheric neutral wind diurnal tide: 1. Migrating tide. Journal of Geophysical Research, 2008, 113, .	3.3	74
114	Global distribution and interannual variations of mesospheric and lower thermospheric neutral wind diurnal tide: 2. Nonmigrating tide. Journal of Geophysical Research, 2008, 113, .	3.3	53
115	Nonlinear interactions between gravity waves with different wavelengths and diurnal tide. Journal of Geophysical Research, 2008, 113, .	3.3	35
116	A case study of the mesospheric 6.5â€day wave observed by radar systems. Journal of Geophysical Research, 2008, 113, .	3.3	27
117	Mesopause structure from Thermosphere, Ionosphere, Mesosphere, Energetics, and Dynamics (TIMED)/Sounding of the Atmosphere Using Broadband Emission Radiometry (SABER) observations. Journal of Geophysical Research, 2007, 112, .	3.3	72
118	Nonlinear interactions between gravity waves and tides. Science in China Series D: Earth Sciences, 2007, 50, 1273-1279.	0.9	0
119	Comparison between the temperature measurements by TIMED/SABER and lidar in the midlatitude. Journal of Geophysical Research, 2006, 111, .	3.3	36
120	Comparison of horizontal velocity spectra derived from chaff rockets with saturation models. Journal of Geophysical Research, 2006, 111, .	3.3	5
121	Signature of an overturning gravity wave in the mesospheric sodium layer: Comparison of a nonlinear photochemical-dynamical model and lidar observations. Journal of Geophysical Research, 2006, 111, .	3.3	36
122	Evaluation of processes that affect the photochemical timescale of the sodium layer. Journal of Atmospheric and Solar-Terrestrial Physics, 2005, 67, 1216-1225.	1.6	15
123	Cause of winter gravity wave spectrum saturation. Science in China Series D: Earth Sciences, 2005, 48, 1802-1808.	0.9	0
124	Studies of gravity waveâ€“induced fluctuations of the sodium layer using linear and nonlinear models. Journal of Geophysical Research, 2004, 109, .	3.3	10
125	Anisotropy of the horizontal velocity fluctuation field in the large wavenumber region. Science in China Series D: Earth Sciences, 2003, 46, 210-216.	0.9	44
126	Linear theory of the response of Na mixing ratio to gravity waves. Science Bulletin, 2003, 48, 1630-1633.	1.7	0

#	Article	IF	Citations
127	The features and a possible mechanism of semiannual variation in the peak electron density of the low latitude F2 layer. Journal of Atmospheric and Solar-Terrestrial Physics, 2003, 65, 47-57.	1.6	42
128	A numerical study of the effect of gravity-wave propagation on minor species distributions in the mesopause region. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	35
129	Perturbations of the sodium layer: controlled by chemistry or dynamics?. Geophysical Research Letters, 2003, 30, .	4.0	36
130	Study on the Distribution of the Sodium Layer over Wuhan, China Based on the Lidar Observations. Chinese Journal of Geophysics, 2003, 46, 823-833.	0.2	0
131	The criterion of gravity wave instability induced by photochemistry in summer polar mesopause region. Science in China Series D: Earth Sciences, 2002, 45, 512-520.	0.9	0
132	The study and applications of photochemical-dynamical gravity wave model I. Science in China Series A: Mathematics, 2002, 45, 167-174.	0.5	1
133	The study and applications of photochemical-dynamical gravity wave model II. Science in China Series A: Mathematics, 2002, 45, 175-182.	0.5	0
134	Effects of gravity waves on the distributions of O3 and OH in the mesopause region. Science Bulletin, 2001, 46, 1265-1268.	1.7	0
135	The gravity wave instability induced by photochemistry in summer polar mesopause region. Science Bulletin, 2000, 45, 267-272.	1.7	4
136	Lidar Observations in South America. Part I - Mesosphere and Stratosphere. , 0, , .		0