

Jianguo Liu

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

2,667
citations

186265

28
h-index

243625

44
g-index

130
all docs

130
docs citations

130
times ranked

2625
citing authors

#	ARTICLE	IF	CITATIONS
1	Retrieval of refractive index of ultrafine single particle using hygroscopic growth factor obtained by high sensitive surface plasmon resonance microscopy. <i>Journal of Environmental Sciences</i> , 2023, 126, 483-493.	6.1	3
2	Retrieval of Global Carbon Dioxide From TanSat Satellite and Comprehensive Validation With TCCON Measurements and Satellite Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.	6.3	12
3	Real-world gaseous emission characteristics of natural gas heavy-duty sanitation trucks. <i>Journal of Environmental Sciences</i> , 2022, 115, 319-329.	6.1	13
4	Characterization of submicron aerosol particles in winter at Albany, New York. <i>Journal of Environmental Sciences</i> , 2022, 111, 118-129.	6.1	2
5	Vertical profile of aerosol number size distribution during a haze pollution episode in Hefei, China. <i>Science of the Total Environment</i> , 2022, 814, 152693.	8.0	13
6	Simultaneous detection of heavy metals in solutions by electrodeposition assisted laser induced breakdown spectroscopy. <i>Journal of Laser Applications</i> , 2022, 34, 012021.	1.7	5
7	Nocturnal atmospheric chemistry of NO ₃ and N ₂ O ₅ over Changzhou in the Yangtze River Delta in China. <i>Journal of Environmental Sciences</i> , 2022, 114, 376-390.	6.1	7
8	Measurement of HONO flux using the aerodynamic gradient method over an agricultural field in the Huaihe River Basin, China. <i>Journal of Environmental Sciences</i> , 2022, 114, 297-307.	6.1	7
9	Advances in coastal ocean boundary layer detection technology and equipment in China. <i>Journal of Environmental Sciences</i> , 2022, , .	6.1	1
10	Technical note: Real-time diagnosis of the hygroscopic growth micro-dynamics of nanoparticles with Fourier transform infrared spectroscopy. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 3097-3109.	4.9	2
11	Atmospheric Processing at the Sea-Land Interface Over the South China Sea: Secondary Aerosol Formation, Aerosol Acidity, and Role of Sea Salts. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	7
12	Three-dimensional reconstruction of a leaking gas cloud based on two scanning FTIR remote-sensing imaging systems. <i>Optics Express</i> , 2022, 30, 25581.	3.4	3
13	Measurement of tropospheric HO ₂ radical using fluorescence assay by gas expansion with low interferences. <i>Journal of Environmental Sciences</i> , 2021, 99, 40-50.	6.1	8
14	Ozone profile retrievals from TROPOMI: Implication for the variation of tropospheric ozone during the outbreak of COVID-19 in China. <i>Science of the Total Environment</i> , 2021, 764, 142886.	8.0	34
15	Vertical distributions of tropospheric SO ₂ based on MAX-DOAS observations: Investigating the impacts of regional transport at different heights in the boundary layer. <i>Journal of Environmental Sciences</i> , 2021, 103, 119-134.	6.1	16
16	Development of a laser heterodyne spectroradiometer for high-resolution measurements of CO ₂ , CH ₄ , H ₂ O and O ₂ in the atmospheric column. <i>Optics Express</i> , 2021, 29, 2003.	3.4	15
17	A Build-In Data Inversion Method to Retrieve Aerosol Size Distributions for a Portable Ultrafine Particle Sizer (PUPS). <i>IEEE Access</i> , 2021, 9, 2879-2889.	4.2	4
18	Heterogeneous reaction and condensation growth observation of NaCl/dicarboxylic acids nanoparticles by aerosol time-of-flight mass spectrometer with water-based particle size amplifier. <i>Atmospheric Environment</i> , 2021, 246, 118162.	4.1	1

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19	Ammonium nitrate is a risk for environment: A case study of Beirut (Lebanon) chemical explosion and the effects on environment. <i>Ecotoxicology and Environmental Safety</i> , 2021, 210, 111834.	6.0	12
20	Mapping the drivers of formaldehyde (HCHO) variability from 2015 to 2019 over eastern China: insights from Fourier transform infrared observation and GEOS-Chem model simulation. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6365-6387.	4.9	20
21	Development and Application of a Wide Dynamic Range and High Resolution Atmospheric Aerosol Water-Based Supersaturation Condensation Growth Measurement System. <i>Atmosphere</i> , 2021, 12, 558.	2.3	0
22	Development of a Laser Gas Analyzer for Fast CO ₂ and H ₂ O Flux Measurements Utilizing Derivative Absorption Spectroscopy at a 100 Hz Data Rate. <i>Sensors</i> , 2021, 21, 3392.	3.8	5
23	Lidar vertical observation network and data assimilation reveal key processes driving the 3-D dynamic evolution of PM _{2.5} concentrations over the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7023-7037.	4.9	16
24	Quantifying variability, source, and transport of CO in the urban areas over the Himalayas and Tibetan Plateau. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9201-9222.	4.9	10
25	Vertical distributions of wintertime atmospheric nitrogenous compounds and the corresponding OH radicals production in Leshan, southwest China. <i>Journal of Environmental Sciences</i> , 2021, 105, 44-55.	6.1	18
26	Reconstruction of a leaking gas cloud from a passive FTIR scanning remote-sensing imaging system. <i>Applied Optics</i> , 2021, 60, 9396.	1.8	7
27	Vertical profile of aerosols in the Himalayas revealed by lidar: New insights into their seasonal/diurnal patterns, sources, and transport. <i>Environmental Pollution</i> , 2021, 285, 117686.	7.5	11
28	An active RH-controlled dry-ambient aerosol size spectrometer (DAASS) for the accurate measurement of ambient aerosol water content. <i>Journal of Aerosol Science</i> , 2021, 158, 105831.	3.8	2
29	Development of a static test apparatus for evaluating the performance of three PM _{2.5} separators commonly used in China. <i>Journal of Environmental Sciences</i> , 2020, 87, 238-249.	6.1	7
30	Simulation of three-stage operating temperature for supersaturation water-based condensational growth tube. <i>Journal of Environmental Sciences</i> , 2020, 90, 275-285.	6.1	6
31	Identifying the wintertime sources of volatile organic compounds (VOCs) from MAX-DOAS measured formaldehyde and glyoxal in Chongqing, southwest China. <i>Science of the Total Environment</i> , 2020, 715, 136258.	8.0	45
32	Design and evaluation of a condensation particle counter with high performance for single-particle counting. <i>Instrumentation Science and Technology</i> , 2020, 48, 212-229.	1.8	3
33	Development and Application of HECORA Cloud Retrieval Algorithm Based On the O ₂ -O ₂ 477 nm Absorption Band. <i>Remote Sensing</i> , 2020, 12, 3039.	4.0	4
34	Real-Time Measurement of the Hygroscopic Growth Dynamics of Single Aerosol Nanoparticles with Bloch Surface Wave Microscopy. <i>ACS Nano</i> , 2020, 14, 9136-9144.	14.6	23
35	Concentration-Emission Matrix (CEM) Spectroscopy Combined with GA-SVM: An Analytical Method to Recognize Oil Species in Marine. <i>Molecules</i> , 2020, 25, 5124.	3.8	0
36	An automated dynamic chamber system for exchange flux measurement of reactive nitrogen oxides (HONO and NO _x) in farmland ecosystems of the Huaihe River Basin, China. <i>Science of the Total Environment</i> , 2020, 745, 140867.	8.0	7

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37	Validation of Water Vapor Vertical Distributions Retrieved from MAX-DOAS over Beijing, China. Remote Sensing, 2020, 12, 3193.	4.0	10
38	First observation of tropospheric nitrogen dioxide from the Environmental Trace Gases Monitoring Instrument onboard the GaoFen-5 satellite. Light: Science and Applications, 2020, 9, 66.	16.6	76
39	High-resolution vertical distribution and sources of HONO and NO ₂ in the nocturnal boundary layer in urban Beijing, China. Atmospheric Chemistry and Physics, 2020, 20, 5071-5092.	4.9	40
40	Long-distance mobile MAX-DOAS observations of NO ₂ and SO ₂ over the North China Plain and identification of regional transport and power plant emissions. Atmospheric Research, 2020, 245, 105037.	4.1	11
41	The Determination of Aerosol Distribution by a No-Blind-Zone Scanning Lidar. Remote Sensing, 2020, 12, 626.	4.0	10
42	Fourier transform infrared time series of tropospheric HCN in eastern China: seasonality, interannual variability, and source attribution. Atmospheric Chemistry and Physics, 2020, 20, 5437-5456.	4.9	17
43	<i>In Situ</i> Quantitative Observation of Hygroscopic Growth of Single Nanoparticle Aerosol by Surface Plasmon Resonance Microscopy. Analytical Chemistry, 2020, 92, 11062-11071.	6.5	10
44	Concentration Quantification of Oil Samples by Three-Dimensional Concentration-Emission Matrix (CEM) Spectroscopy. Applied Sciences (Switzerland), 2020, 10, 315.	2.5	5
45	Using Lidar technology to assess regional air pollution and improve estimates of PM _{2.5} transport in the North China Plain. Environmental Research Letters, 2020, 15, 094071.	5.2	15
46	Ground-based FTIR observation of hydrogen chloride (HCl) over Hefei, China, and comparisons with GEOS-Chem model data and other ground-based FTIR stations data. Optics Express, 2020, 28, 8041.	3.4	29
47	Elevated dust layers inhibit dissipation of heavy anthropogenic surface air pollution. Atmospheric Chemistry and Physics, 2020, 20, 14917-14932.	4.9	14
48	An improved TROPOMI tropospheric HCHO retrieval over China. Atmospheric Measurement Techniques, 2020, 13, 6271-6292.	3.1	34
49	Optimal chlorophyll fluorescence parameter selection for rapid and sensitive detection of lead toxicity to marine microalgae Nitzschia closterium based on chlorophyll fluorescence technology. Journal of Photochemistry and Photobiology B: Biology, 2019, 197, 111551.	3.8	38
50	A new method to determine the aerosol optical properties from multiple-wavelength O ₄ absorptions by MAX-DOAS observation. Atmospheric Measurement Techniques, 2019, 12, 3289-3302.	3.1	23
51	Development of respirable virtual-cyclone samplers. Journal of Occupational and Environmental Hygiene, 2019, 16, 785-792.	1.0	2
52	Simultaneous measurement of NO and NO ₂ by a dual-channel cavity ring-down spectroscopy technique. Atmospheric Measurement Techniques, 2019, 12, 3223-3236.	3.1	20
53	Primary and secondary sources of ambient formaldehyde in the Yangtze River Delta based on Ozone Mapping and Profiler Suite (OMPS) observations. Atmospheric Chemistry and Physics, 2019, 19, 6717-6736.	4.9	60
54	Design of On-Line Measurement System for Fine Particle Number Concentration of Vehicle Exhaust Based on Diffusion Charge Theory. Lecture Notes in Electrical Engineering, 2019, , 1874-1884.	0.4	0

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55	Evolution of the vertical structure of air pollutants during winter heavy pollution episodes: The role of regional transport and potential sources. <i>Atmospheric Research</i> , 2019, 228, 206-222.	4.1	45
56	Simulation of Miniature PDMA for Ultrafine-Particle Measurement. <i>Atmosphere</i> , 2019, 10, 116.	2.3	5
57	Label-free surface-sensitive photonic microscopy with high spatial resolution using azimuthal rotation illumination. <i>Science Advances</i> , 2019, 5, eaav5335.	10.3	48
58	Satellite UV-Vis spectroscopy: implications for air quality trends and their driving forces in China during 2005–2017. <i>Light: Science and Applications</i> , 2019, 8, 100.	16.6	105
59	Analysis and Adjustment of Positioning Error of PSD System for Mobile SOF-FTIR. <i>Sensors</i> , 2019, 19, 5081.	3.8	2
60	Estimation of winter time NO _x emissions in Hefei, a typical inland city of China, using mobile MAX-DOAS observations. <i>Atmospheric Environment</i> , 2019, 200, 228-242.	4.1	16
61	Comparison of mixing layer height inversion algorithms using lidar and a pollution case study in Baoding, China. <i>Journal of Environmental Sciences</i> , 2019, 79, 81-90.	6.1	19
62	Detection of heavy metals in water samples by laser-induced breakdown spectroscopy combined with annular groove graphite flakes. <i>Plasma Science and Technology</i> , 2019, 21, 034002.	1.5	15
63	A dual dynamic chamber system based on IBBCEAS for measuring fluxes of nitrous acid in agricultural fields in the North China Plain. <i>Atmospheric Environment</i> , 2019, 196, 10-19.	4.1	24
64	Atmosphere boundary layer height and its effect on air pollutants in Beijing during winter heavy pollution. <i>Atmospheric Research</i> , 2019, 215, 305-316.	4.1	79
65	Development of a field system for measurement of tropospheric OH radical using laser-induced fluorescence technique. <i>Optics Express</i> , 2019, 27, A419.	3.4	25
66	FTIR time series of stratospheric NO ₂ over Hefei, China, and comparisons with OMI and GEOS-Chem model data. <i>Optics Express</i> , 2019, 27, A1225.	3.4	32
67	Aerosol Pollution Characterization before Chinese New Year in Zhengzhou in 2014. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1294-1306.	2.1	10
68	Scanning vertical distributions of typical aerosols along the Yangtze River using elastic lidar. <i>Science of the Total Environment</i> , 2018, 628-629, 631-641.	8.0	12
69	Preflight Evaluation of the Performance of the Chinese Environmental Trace Gas Monitoring Instrument (EMI) by Spectral Analyses of Nitrogen Dioxide. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 3323-3332.	6.3	25
70	Investigations of temporal and spatial distribution of precursors SO ₂ and NO ₂ vertical columns in the North China Plain using mobile DOAS. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1535-1554.	4.9	32
71	Underdetermined blind separation of three-way fluorescence spectra of PAHs in water. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 80-85.	3.9	1
72	A hydroxyl radical detection system using gas expansion and fast gating laser-induced fluorescence techniques. <i>Journal of Environmental Sciences</i> , 2018, 65, 190-200.	6.1	7

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73	Characterization of urban CO ₂ column abundance with a portable low resolution spectrometer (PLRS): Comparisons with GOSAT and GEOS-Chem model data. <i>Science of the Total Environment</i> , 2018, 612, 1593-1609.	8.0	11
74	Design and evaluation of a unipolar aerosol particle charger with built-in electrostatic precipitator. <i>Instrumentation Science and Technology</i> , 2018, 46, 326-347.	1.8	7
75	Tropospheric NO ₂ , SO ₂ , and HCHO over the East China Sea, using ship-based MAX-DOAS observations and comparison with OMI and OMPS satellite data. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15387-15402.	4.9	49
76	Ozone seasonal evolution and photochemical production regime in the polluted troposphere in eastern China derived from high-resolution Fourier transform spectrometry (FTS) observations. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14569-14583.	4.9	42
77	The Influence of Instrumental Line Shape Degradation on the Partial Columns of O ₃ , CO, CH ₄ and N ₂ O Derived from High-Resolution FTIR spectrometry. <i>Remote Sensing</i> , 2018, 10, 2041.	4.0	8
78	On the Performance of an Aerosol Electrometer with Enhanced Detection Limit. <i>Sensors</i> , 2018, 18, 3889.	3.8	9
79	Ship-based MAX-DOAS measurements of tropospheric NO ₂ , SO ₂ , and HCHO distribution along the Yangtze River. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5931-5951.	4.9	38
80	Number size distribution of atmospheric particles in a suburban Beijing in the summer and winter of 2015. <i>Atmospheric Environment</i> , 2018, 186, 32-44.	4.1	13
81	On-line analysis of algae in water by discrete three-dimensional fluorescence spectroscopy. <i>Optics Express</i> , 2018, 26, A251.	3.4	18
82	Phytoplankton photosynthetic rate measurement using tunable pulsed light induced fluorescence kinetics. <i>Optics Express</i> , 2018, 26, A293.	3.4	14
83	Development of a portable cavity ring down spectroscopy instrument for simultaneous, in situ measurement of NO ₃ and N ₂ O ₅ . <i>Optics Express</i> , 2018, 26, A433.	3.4	24
84	Feature issue introduction: light, energy and the environment, 2017. <i>Optics Express</i> , 2018, 26, A636.	3.4	3
85	Full-circle range and microradian resolution angle measurement using the orthogonal mirror self-mixing interferometry. <i>Optics Express</i> , 2018, 26, 10371.	3.4	37
86	Design and Evaluation of an Aerosol Electrometer with Low Noise and a Wide Dynamic Range. <i>Sensors</i> , 2018, 18, 1614.	3.8	10
87	Mercaptopropionic acid-capped Mn-doped ZnS quantum dots and Pb ²⁺ as sensing system for rapid and sensitive room-temperature phosphorescence detection of sulfide in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 88-96.	3.9	6
88	Observations of ozone vertical profiles and corresponding precursors in the low troposphere in Beijing, China. <i>Atmospheric Research</i> , 2018, 213, 224-235.	4.1	40
89	A ultra-small-angle self-mixing sensor system with high detection resolution and wide measurement range. <i>Optics and Laser Technology</i> , 2017, 91, 92-97.	4.6	17
90	Calibration-free wavelength modulation spectroscopy for gas concentration measurements using a quantum cascade laser. <i>Applied Physics B: Lasers and Optics</i> , 2017, 123, 1.	2.2	11

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91	Mercaptopropionic acid-capped Mn-doped ZnS quantum dots as a probe for selective room-temperature phosphorescence detection of Pb ²⁺ in water. <i>New Journal of Chemistry</i> , 2017, 41, 13425-13434.	2.8	16
92	Comparative study of cylindrical and parallel-plate electrophoretic separations for the removal of ions and sub-23Ånm particles. <i>Journal of Separation Science</i> , 2017, 40, 4813-4824.	2.5	4
93	Characteristics of aerosol size distribution and vertical backscattering coefficient profile during 2014 APEC in Beijing. <i>Atmospheric Environment</i> , 2017, 148, 30-41.	4.1	40
94	Identification of long-range transport pathways and potential sources of PM _{2.5} and PM ₁₀ in Beijing from 2014 to 2015. <i>Journal of Environmental Sciences</i> , 2017, 56, 214-229.	6.1	56
95	Characterization of ozone in the lower troposphere during the 2016 G20 conference in Hangzhou. <i>Scientific Reports</i> , 2017, 7, 17368.	3.3	67
96	Observations of the vertical distributions of summertime atmospheric pollutants and the corresponding ozone production in Shanghai, China. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 14275-14289.	4.9	122
97	Investigating the performance of a greenhouse gas observatory in Hefei, China. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 2627-2643.	3.1	44
98	Emission Flux Measurement Error with a Mobile DOAS System and Application to NO _x Flux Observations. <i>Sensors</i> , 2017, 17, 231.	3.8	11
99	Using Lidar, in-situ measurements and Trajectory Analysis to observe air pollution in Beijing, 2014. <i>EPJ Web of Conferences</i> , 2016, 119, 24008.	0.3	3
100	Observations of New Particle Formation, Subsequent Growth and Shrinkage during Summertime in Beijing. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1591-1602.	2.1	14
101	All-Fiber Configuration Laser Self-Mixing Doppler Velocimeter Based on Distributed Feedback Fiber Laser. <i>Sensors</i> , 2016, 16, 1179.	3.8	18
102	“APEC Blue”: Secondary Aerosol Reductions from Emission Controls in Beijing. <i>Scientific Reports</i> , 2016, 6, 20668.	3.3	155
103	Speciated atmospheric mercury on haze and non-haze days in an inland city in China. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13807-13821.	4.9	45
104	Determination of Polycyclic Aromatic Hydrocarbons in the Presence of Humic Acid in water. <i>Applied Spectroscopy</i> , 2016, 70, 1520-1528.	2.2	6
105	Characterization of temperature non-uniformity over a premixed CH ₄ air flame based on line-of-sight TDLAS. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	2.2	33
106	Determination of polycyclic aromatic hydrocarbons by four-way parallel factor analysis in presence of humic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 384-390.	3.9	21
107	Diode laser cavity ring-down spectroscopy for in situ measurement of NO ₃ radical in ambient air. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 166, 23-29.	2.3	20
108	Research on information acquisition and manipulation representation (MR) method of traditional chinese medical massage (TCMM) based on multi-dimension force sensor. , 2015, , .		3

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109	Haze observations by simultaneous lidar and WPS in Beijing before and during APEC, 2014. <i>Science China Chemistry</i> , 2015, 58, 1385-1392.	8.2	25
110	Blind separation of fluorescence spectra using sparse non-negative matrix factorization on right hand factor. <i>Journal of Chemometrics</i> , 2015, 29, 442-447.	1.3	9
111	Study on Physical Characteristics of a Bipolar Cloud-to-Ground Lightning Discharge Plasma. <i>IEEE Transactions on Plasma Science</i> , 2015, 43, 851-856.	1.3	4
112	The design of rapid turbidity measurement system based on single photon detection techniques. <i>Optics and Laser Technology</i> , 2015, 73, 44-49.	4.6	19
113	Transcriptomic Analyses of the Biological Effects of Airborne PM2.5 Exposure on Human Bronchial Epithelial Cells. <i>PLoS ONE</i> , 2015, 10, e0138267.	2.5	72
114	Remote open-path cavity-ringdown spectroscopic sensing of trace gases in air, based on distributed passive sensors linked by km-long optical fibers. <i>Optics Express</i> , 2014, 22, 13170.	3.4	24
115	A kinetic model for heterogeneous condensation of vapor on an insoluble spherical particle. <i>Journal of Chemical Physics</i> , 2014, 140, 024708.	3.0	23
116	Self-Mixing Fiber Ring Laser Velocimeter With Orthogonal-Beam Incident System. <i>IEEE Photonics Journal</i> , 2014, 6, 1-11.	2.0	18
117	Haze insights and mitigation in China: An overview. <i>Journal of Environmental Sciences</i> , 2014, 26, 2-12.	6.1	91
118	The channel radius and energy of cloud-to-ground lightning discharge plasma with multiple return strokes. <i>Physics of Plasmas</i> , 2014, 21, 033503.	1.9	19
119	Open-path Detection Of Atmospheric CH4 And N2O Based On Quantum Cascade Laser. , 2014, , .		1
120	Remote sensing of chemical gas cloud emission by passive infrared scanning imaging system. , 2013, , .		5
121	Characteristics and applications of near-infrared emissions from lightning. <i>Journal of Applied Physics</i> , 2013, 114, 163303.	2.5	8
122	Study on Mash Gas Monitoring with Distributed Multipoint Fiber Optic Sensors System in Coal Mine. , 2012, , .		5
123	Research and design of resonant mass sensor based on tapered oscillating element. <i>Proceedings of SPIE</i> , 2009, , .	0.8	1
124	Impacts of imperfect geometry structure on the nonlinear and chromatic dispersion properties of a microstructure fiber. <i>Applied Optics</i> , 2007, 46, 7771.	2.1	1
125	Theoretical study of the red- and blue-shifted hydrogen bonds of nitroxyl and acetylene dimers. <i>International Journal of Quantum Chemistry</i> , 2006, 106, 2122-2128.	2.0	23
126	Correlation study between suspended particulate matter and DOAS data. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 461-467.	4.3	2

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127	Intercomparison of NO _x , SO ₂ , O ₃ , and aromatic hydrocarbons measured by a commercial DOAS system and traditional point monitoring techniques. <i>Advances in Atmospheric Sciences</i> , 2004, 21, 211-219.	4.3	14