

# Hiroaki Kuze

## List of Publications by Year in descending order

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149  
papers

1,389  
citations

361413

20  
h-index

454955

30  
g-index

151  
all docs

151  
docs citations

151  
times ranked

1286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of pan-sharpening methods applied to image fusion of remotely sensed multi-band data. International Journal of Applied Earth Observation and Geoinformation, 2012, 18, 165-175.	2.8	81
2	Diode-laser spectroscopy of supersonic free jets. Applied Physics B, Photophysics and Laser Chemistry, 1983, 32, 43-47.	1.5	62
3	An intercomparison of lidar-derived aerosol optical properties with airborne measurements near Tokyo during ACE-Asia. Journal of Geophysical Research, 2003, 108, .	3.3	60
4	One-year observation of urban mixed layer characteristics at Tsukuba, Japan using a micro pulse lidar. Atmospheric Environment, 2001, 35, 4273-4280.	4.1	50
5	DEVELOPMENT OF CIRCULARLY POLARIZED ARRAY ANTENNA FOR SYNTHETIC APERTURE RADAR SENSOR INSTALLED ON UAV. Progress in Electromagnetics Research C, 2011, 19, 119-133.	0.9	43
6	Field-of-view dependence of lidar signals by use of Newtonian and Cassegrainian telescopes. Applied Optics, 1998, 37, 3128.	2.1	39
7	3D Land Mapping and Land Deformation Monitoring Using Persistent Scatterer Interferometry (PSI) ALOS PALSAR: Validated by Geodetic GPS and UAV. IEEE Access, 2018, 6, 12395-12404.	4.2	39
8	ALOS PALSAR D-InSAR for land subsidence mapping in Jakarta, Indonesia. Canadian Journal of Remote Sensing, 2010, 36, 1-8.	2.4	37
9	Comparison of Landsat image classification methods for detecting mangrove forests in Sundarbans. International Journal of Remote Sensing, 2013, 34, 1041-1056.	2.9	37
10	Infrared-µ microwave double resonance spectroscopy of the SiF <sub>4</sub> $\hat{1}/23$ fundamental using a tunable diode laser. Journal of Chemical Physics, 1983, 78, 2204-2209.	3.0	35
11	A novel circularly polarized synthetic aperture radar (CP-SAR) system onboard a spaceborne platform. International Journal of Remote Sensing, 2010, 31, 1053-1060.	2.9	31
12	Spectral information analysis of image fusion data for remote sensing applications. Geocarto International, 2013, 28, 291-310.	3.5	31
13	Adjacency Effect in the Atmospheric Correction of Satellite Remote Sensing Data: Evaluation of the Influence of Aerosol Extinction Profiles. Optical Review, 2001, 8, 133-141.	2.0	29
14	Determinations of relaxation rate constants on the 22 GHz rotational transition of H <sub>2</sub> O by coherent transient spectroscopy. Journal of Chemical Physics, 1978, 69, 5195-5198.	3.0	28
15	High-resolution laser spectroscopy of the $\hat{1}/23$ vibration-rotation band of HCOOH. Journal of Chemical Physics, 1982, 77, 714-722.	3.0	24
16	Long-path measurement of atmospheric NO <sub>2</sub> with an obstruction flashlight and a charge-coupled-device spectrometer. Applied Optics, 2003, 42, 4362.	2.1	22
17	Factors for inconsistent aerosol single scattering albedo between SKYNET and AERONET. Journal of Geophysical Research D: Atmospheres, 2016, 121, 1859-1877.	3.3	22
18	Electric dipole moment of HCOOH in the ground and the $\hat{1}/23$ excited vibrational states. Journal of Molecular Spectroscopy, 1982, 93, 248-249.	1.2	20

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19	Cold jet infrared absorption spectroscopy: The $\hat{1}\frac{1}{2}3$ band of PF5. Journal of Chemical Physics, 1984, 80, 2314-2318.	3.0	20
20	Cold jet infrared absorption spectroscopy: The $\hat{1}\frac{1}{2}3$ band of WF6. Journal of Chemical Physics, 1984, 80, 5994-5998.	3.0	20
21	Rotationally excited NO molecules incident on a graphite surface: molecular rotation and translation after scattering. Surface Science, 1997, 374, 181-190.	1.9	20
22	Assessing forest fire potential in Kalimantan Island, Indonesia, using satellite and surface weather data. International Journal of Wildland Fire, 2003, 12, 175.	2.4	18
23	Measurement of regional distribution of atmospheric NO and aerosol particles with flashlight long-path optical monitoring. Atmospheric Environment, 2005, 39, 4959-4968.	4.1	18
24	Correlation study between suspended particulate matter and portable automated lidar data. Journal of Aerosol Science, 2005, 36, 439-454.	3.8	18
25	EQUILATERAL TRIANGULAR MICROSTRIP ANTENNA FOR CIRCULARLY-POLARIZED SYNTHETIC APERTURE RADAR. Progress in Electromagnetics Research C, 2009, 8, 107-120.	0.9	18
26	Observation of boundary layer aerosols using a continuously operated, portable lidar system. Atmospheric Environment, 2004, 38, 3885-3892.	4.1	17
27	Characterization of seasonal variation of tropospheric aerosols in Chiba, Japan. Atmospheric Environment, 2006, 40, 2160-2168.	4.1	17
28	PATCH ANTENNA USING RECTANGULAR CENTRE SLOT AND CIRCULAR GROUND SLOT FOR CIRCULARLY POLARIZED SYNTHETIC APERTURE RADAR (CP-SAR) APPLICATION. Progress in Electromagnetics Research, 2017, 160, 51-61.	4.4	16
29	Determination of aerosol extinction coefficient and mass extinction efficiency by DOAS with a flashlight source. Chinese Physics B, 2005, 14, 2360-2364.	1.3	15
30	Potential impact of spatial patterns of future atmospheric warming on Asian dust emission. Atmospheric Environment, 2011, 45, 6682-6695.	4.1	15
31	Performance Analyzing of High Resolution Pan-sharpening Techniques: Increasing Image Quality for Classification using Supervised Kernel Support Vector Machine. Research Journal of Information Technology, 2011, 3, 12-23.	0.4	15
32	Microwave spectrum of water in the $\nu_2$ excited vibrational state. Astrophysical Journal, 1980, 239, 1131.	4.5	14
33	Influence of Ambient Relative Humidity on Seasonal Trends of the Scattering Enhancement Factor for Aerosols in Chiba, Japan. Aerosol and Air Quality Research, 2019, 19, 1856-1871.	2.1	14
34	Electric dipole moment of H <sub>2</sub> O in the $\hat{1}\frac{1}{2}2$ excited vibrational state. Journal of Chemical Physics, 1981, 75, 4869-4872.	3.0	13
35	Lidar network observation of Asian dust (Kosa) in Japan. , 1998, , .		13
36	Differential optical absorption spectroscopy measurement of CO <sub>2</sub> using a nanosecond white light continuum. Optics Letters, 2011, 36, 4782.	3.3	13

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37	Seasonal variation of tropospheric aerosol properties by direct and scattered solar radiation spectroscopy. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011, 112, 285-291.	2.3	13
38	Correction in aerosol mass concentration measurements with humidity difference between ambient and instrumental conditions. <i>Atmospheric Environment</i> , 2007, 41, 1616-1626.	4.1	12
39	Study of collisional relaxation in NH <sub>3</sub> by steady-state, infrared-infrared double resonance. <i>Journal of Chemical Physics</i> , 1984, 80, 4222-4229.	3.0	11
40	Influence of scattering history and out-of-plane scattering on the rotational energy redistribution: No scattered from graphite. <i>Chemical Physics Letters</i> , 1988, 153, 569-573.	2.6	11
41	Measurement of atmospheric NO <sub>2</sub> column density with kitt peak solar flux atlas as a reference. <i>Optical Review</i> , 1997, 4, 240.	2.0	11
42	Efficient Reduction of Fringe Noise in Trace Gas Detection with Diode Laser Multipass Absorption Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2000, 39, 4034-4040.	1.5	11
43	Near-infrared open-path measurement of CO <sub>2</sub> concentration in the urban atmosphere. <i>Optics Letters</i> , 2015, 40, 2568.	3.3	11
44	The integrated WRF/Urban modeling system and its application to monitoring urban heat island in Jakarta-Indonesia. <i>Journal of Urban and Environmental Engineering</i> , 2012, 6, 1-9.	0.3	11
45	Molecular Beam Studies of Thermal Decomposition of Glycine on Solid Surfaces. <i>Japanese Journal of Applied Physics</i> , 1987, 26, 627-632.	1.5	10
46	Impact of Topography on Molecular-Beam Scattering on Surfaces: The NO-Diamond Case. <i>Physical Review Letters</i> , 1988, 61, 730-733.	7.8	10
47	Detection of biomass burning smoke in satellite images using texture analysis. <i>Atmospheric Environment</i> , 2002, 36, 1531-1542.	4.1	10
48	Determination of Vertical Distributions of Aerosol Optical Parameters by Use of Multi-Wavelength Lidar Data. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 686-694.	1.5	10
49	Comparison of Aqua/Terra MODIS and Himawari-8 Satellite Data on Cloud Mask and Cloud Type Classification Using Split Window Algorithm. <i>Remote Sensing</i> , 2019, 11, 2944.	4.0	10
50	Measurement and calculation of rotational relaxation rate constants in the ground and excited vibrational states of HCOOH. <i>Journal of Chemical Physics</i> , 1983, 78, 1861-1866.	3.0	9
51	Calibration of the Lidar Measurement of Tropospheric Aerosol Extinction Coefficients. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 293-297.	1.5	9
52	Analysis of Polarimetric Decomposition, Backscattering Coefficient, and Sample Properties for Identification and Layer Thickness Estimation of Silica Sand Distribution Using L-Band Synthetic Aperture Radar. <i>Canadian Journal of Remote Sensing</i> , 2017, 43, 95-108.	2.4	9
53	MONITORING AND ANALYSIS OF LANDSLIDE HAZARD USING DINSAR TECHNIQUE APPLIED TO ALOS PALSAR IMAGERY: A CASE STUDY IN KAYANGAN CATCHMENT AREA, YOGYAKARTA, INDONESIA. <i>Journal of Urban and Environmental Engineering</i> , 2013, 7, 308-322.	0.3	9
54	Sensitivity Enhancement for Acetylene Detection at 1.5 $\mu\text{m}$ by Use of a High-Finesse Optical Cavity. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 4946-4949.	1.5	8

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55	Atmospheric correction of satellite data using multi-wavelength lidar data with MODTRAN3 code. <i>Advances in Space Research</i> , 2000, 25, 1033-1036.	2.6	8
56	Determination of Aerosol Extinction-to-Backscattering Ratio from Multiwavelength Lidar Observation. <i>Japanese Journal of Applied Physics</i> , 2001, 40, 434-440.	1.5	8
57	Surface Aerosol Properties Studied Using a Near-Horizontal Lidar. <i>Atmosphere</i> , 2020, 11, 36.	2.3	8
58	Isotope-selective infrared multiphoton dissociation of CF <sub>3</sub> Br in a supersonic free jet. <i>Applied Physics B, Photophysics and Laser Chemistry</i> , 1986, 41, 91-94.	1.5	7
59	Daytime Monitoring of Urban NO <sub>2</sub> Column Density by Solar Spectroscopic Method. <i>Japanese Journal of Applied Physics</i> , 2000, 39, 622-627.	1.5	7
60	Determination of tropospheric aerosol characteristics by spectral measurements of solar radiation using a compact, stand-alone spectroradiometer. <i>Applied Optics</i> , 2010, 49, 1446.	2.1	7
61	Pulsed differential optical absorption spectroscopy applied to air pollution measurement in urban troposphere. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011, 112, 277-284.	2.3	7
62	Remote sensing applications with NH hyperspectral portable video camera. , 2012, , .		7
63	A new triple proximity-fed circularly polarized microstrip antenna. <i>AEU - International Journal of Electronics and Communications</i> , 2012, 66, 395-400.	2.9	7
64	Measurement and analysis of lateral forces between magnets and high- $T_c$ superconductors. <i>Journal of Applied Physics</i> , 1995, 77, 770-778.	2.5	6
65	Absorption Spectrometry of Trace Moisture in Ammonia Gas with a 1371 nm Distributed-Feedback Diode Laser. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 4788-4793.	1.5	6
66	Enhanced Detection of Gas Absorption Using an Erbium-Doped Fiber Ring Laser. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 5458-5462.	1.5	6
67	Visualizing spatial distribution of atmospheric nitrogen dioxide by means of hyperspectral imaging. <i>Applied Optics</i> , 2018, 57, 5970.	1.8	6
68	Remote detection of oils in water using laser Raman spectroscopy. <i>Optics Communications</i> , 2021, 480, 126508.	2.1	6
69	Comparison of aerosol properties derived from sampling and near-horizontal lidar measurements using Mie scattering theory. <i>Applied Optics</i> , 2020, 59, 8014.	1.8	6
70	Real Time Derivation of Atmospheric Aerosol Optical Properties by Concurrent Measurements of Optical and Sampling Instruments. <i>Open Journal of Air Pollution</i> , 2018, 07, 140-155.	1.4	6
71	High-efficiency aerosol scatterometer that uses an integrating sphere for the calibration of multiwavelength lidar data. <i>Applied Optics</i> , 2005, 44, 3520.	2.1	5
72	Elliptical microstrip antenna for circularly polarized synthetic aperture radar. <i>AEU - International Journal of Electronics and Communications</i> , 2011, 65, 62-67.	2.9	5

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73	Multi-wavelength lidar system for the characterization of tropospheric aerosols and clouds. , 2012, , .		5
74	Optical properties of biomass burning smoke in South-East Asia studied by NOAA/AVHRR and ground-base monitoring. Advances in Space Research, 2000, 25, 1029-1032.	2.6	4
75	Simultaneous Observation of NO <sub>2</sub> Column Density and Aerosol Optical Thickness in Urban Atmosphere. Optical Review, 2000, 7, 89-94.	2.0	4
76	Reduction of Fringe Noise in Wavelength Modulation Spectroscopy Using a One-Dimensional Focal Plane Array. Optical Review, 2002, 9, 189-192.	2.0	4
77	DEVELOPMENT OF AN ELLIPTICAL ANNULAR RING MICROSTRIP ANTENNA WITH SINE WAVE PERIPHERY. Progress in Electromagnetics Research C, 2010, 12, 27-36.	0.9	4
78	Multi-Wavelength and Multi-Direction Remote Sensing of Atmospheric Aerosols and Clouds. , 2012, , .		4
79	Optical Properties of Aerosols in the Marine Boundary Layer during a Cruise from Tokyo, Japan to Fremantle, Australia.. Journal of the Meteorological Society of Japan, 2003, 81, 151-162.	1.8	4
80	Tunable, UV Solid-State Lidar for Measurement of Nitric Oxide Distribution. Japanese Journal of Applied Physics, 1999, 38, 6372-6378.	1.5	3
81	Effect of Multiple Scattering in the Lidar Measurement of Tropospheric Aerosol Extinction Profiles. Optical Review, 2001, 8, 382-387.	2.0	3
82	Isotope-selective photodissociation of ozone molecules induced by infrared laser irradiation. Chemical Physics Letters, 2008, 455, 156-158.	2.6	3
83	Detection of Dry-Flammable Peatland Area by Using Backscattering Coefficient Information of ALOS-2 Data L-Band Frequency. , 2018, , .		3
84	Proposal of Near-Infrared Laser Diode Spectroscopy at 1.74.μm for HCl Monitor in Semiconductor Processes.. Shinku/Journal of the Vacuum Society of Japan, 1999, 42, 31-36.	0.2	3
85	Simultaneous Monitoring of Nitrogen Dioxide and Aerosol Concentrations with Dual Path Differential Optical Absorption Spectroscopy. Open Journal of Air Pollution, 2014, 03, 20-32.	1.4	3
86	Highly Sensitive Laser Spectroscopic Method for Measurement of Collisional Relaxation Parameters of Molecules. Japanese Journal of Applied Physics, 1984, 23, L855-L858.	1.5	2
87	Boltzmann equation analysis of a pulsed molecular beam under non-equilibrium conditions. Chemical Physics Letters, 1992, 195, 400-404.	2.6	2
88	Deceleration of magnetic dipoles interacting with YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> superconductors. Journal of Applied Physics, 1993, 73, 1320-1326.	2.5	2
89	<title>Tunable solid state UV lidar system for NO monitoring</title>. , 1996, , .		2
90	Studying air pollution with kitt peak solar flux atlas " analysis method and results of observation. Advances in Atmospheric Sciences, 2000, 17, 363-374.	4.3	2

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91	Signal Penetration into Thick Clouds Studied by Multi-Layer Data Observed with a Micro-Pulse Lidar. <i>Optical Review</i> , 2000, 7, 95-100.	2.0	2
92	Long-path monitoring of atmospheric aerosol extinction with an automated laser positioning system. <i>Review of Scientific Instruments</i> , 2000, 71, 546-550.	1.3	2
93	Cavity-Enhanced Detection of Molecular Absorption under the Scheme of Wavelength Modulation Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 5585-5589.	1.5	2
94	Correlation study between suspended particulate matter and DOAS data. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 461-467.	4.3	2
95	Spectral quality evaluation of pixel-fused data for improved classification of remote sensing images. , 2011, , .		2
96	Surface deformation monitoring of Miyakejima volcano using DInSAR technique of ALOS PALSAR images. , 2011, , .		2
97	Temporal analysis of land deformation on erupted mud volcano in sidoarjo, indonesia using DInSAR technique. , 2011, , .		2
98	Development of a semi-automated SAR test-bed. , 2014, , .		2
99	An experimental network analyzer based ISAR system for studying SAR fundamentals. , 2015, , .		2
100	Retrieval of Aerosol Optical Thickness with Custom Aerosol Model Using SKYNET Data over the Chiba Area. <i>Atmosphere</i> , 2021, 12, 1144.	2.3	2
101	Observations of Nighttime Clouds Over Chiba, Japan, Using Digital Cameras and Satellite Images. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034772.	3.3	2
102	Construction of a Multi-wavelength Lidar System for Satellite Data Atmospheric Correction. , 1997, , 71-74.		2
103	Assessment of Nighttime Cloud Cover Products from MODIS and Himawari-8 Data with Ground-Based Camera Observations. <i>Remote Sensing</i> , 2022, 14, 960.	4.0	2
104	Analysis of atmospheric NO <sub>x</sub> distribution in an urban area by solid state DIAL technique. , 1997, , .		1
105	Simultaneous observation of aerosols in the planetary boundary layer by using Kytoon and Lidar. <i>Journal of Aerosol Science</i> , 1998, 29, S1215-S1216.	3.8	1
106	Determination of trace moisture in gases by diode-laser multi-pass absorption spectroscopy.. <i>Bunseki Kagaku</i> , 2000, 49, 99-104.	0.2	1
107	Simultaneous Measurement of Wind and Aerosol Backscattering in the Troposphere by High Spectral Resolution Lidar with Iodine Filter. <i>Optical Review</i> , 2000, 7, 230-234.	2.0	1
108	Observation of boundary layer aerosols using a continuously operated, portable lidar system. <i>Atmospheric Environment</i> , 2004, 38, 3885-3885.	4.1	1

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109	Simulation study for aerosol distribution retrieval from bistatic, imaging lidar data. , 0, , .		1
110	Development of an imaging lidar for aerosol monitoring using a wide field-of-view, high-resolution telescope. , 2007, , .		1
111	Dual-Site Lidar Observations and Satellite Data Analysis for Regional Cloud Characterization. Optical Review, 2007, 14, 39-47.	2.0	1
112	Aircraft and ground-based observations of boundary layer CO <sub>2</sub> concentration in anticyclonic synoptic condition. Geophysical Research Letters, 2009, 36, .	4.0	1
113	Development of a fiber laser system for remote sensing of CO <sub>2</sub> using satellite platform and ground-based detectors. , 2009, , .		1
114	Urban air pollution monitoring using differential optical absorption spectroscopy (DOAS) and wind lidar. , 2012, , .		1
115	Stand-off detection and classification of CBRNe using a Lidar system based on a high power femtosecond laser. Proceedings of SPIE, 2014, , .	0.8	1
116	Surface reflectance estimation from satellite imagery with inhomogeneous atmospheric conditions. , 2015, , .		1
117	Differential absorption lidar measurements of H <sub>2</sub> O and O <sub>2</sub> using a coherent white light continuum. , 2016, , .		1
118	Feasibility of retrieving dust properties and total column water vapor from solar spectra measured using a lander camera on Mars. Progress in Earth and Planetary Science, 2017, 4, .	3.0	1
119	Computation calibration on distance measurement in an ultrasonic remote sensing device. Journal of Physics: Conference Series, 2019, 1185, 012023.	0.4	1
120	Laser-fluence dependence of signal enhancement in femtosecond double-pulse laser induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 164, 105755.	2.9	1
121	Characteristics of non-diffractive beam generation related to concentration and propagation distance in highly random media. Optik, 2020, 202, 163628.	2.9	1
122	<title>Retrieval of aerosol optical thickness from NOAA/AVHRR data and its application to the derivation over land area in Chiba</title>. , 2001, , .		1
123	Application of Kitt Peak Solar Flux Atlas for studying air pollution in Tokyo area. , 0, , .		0
124	<title>Atmospheric NO <sub>x</sub> distribution monitoring in urban areas using a tunable solid state lidar</title>. , 1997, 3104, 195.		0
125	Local aerosol concentrations and optical characteristics influenced by the Indonesian forest fire. Proceedings of SPIE, 1998, , .	0.8	0
126	Tissue discrimination by laser-induced fluorescence method. , 1999, , .		0



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127	<title>Scattering characteristics of Si<math>\langle \inf \rangle \langle \roman \rangle 3 \langle /roman \rangle \langle /inf \rangle \langle /math \rangle N \langle \math \rangle \langle \inf \rangle \langle \roman \rangle 4 \langle /roman \rangle \langle /inf \rangle \langle /math \rangle mixture surface under laser illumination</title>. , 1999, , .		0
128	Laser-matter interaction mechanism in laser surface ablation. , 1999, , .		0
129	Wavelength modulation detection of trace gas using a Fabry-Perot cavity. , 0, , .		0
130	<title>Simultaneous observation of NO<math>\langle \inf \rangle \langle \roman \rangle 2 \langle /roman \rangle \langle /inf \rangle \langle /math \rangle column density and aerosol optical thickness in Kanto area, Japan</title>. , 2001, , .		0
131	Derivation of aerosol optical properties from four-wavelength lidar observations. , 2001, 4153, 132.		0
132	Iterative correction of multiple-scattering effects in Mie-scattering lidar signals. , 0, , .		0
133	Estimation of aerosol optical thickness over land in Chiba area from AVHRR data. Advances in Space Research, 2002, 29, 1747-1752.	2.6	0
134	Monitoring of temporal and spatial dynamics of aerosols and clouds by using a portable automated lidar. , 2007, , .		0
135	Aerosol optical properties derived from solar spectrum measurements and their application to atmospheric correction of satellite data. , 2010, , .		0
136	Isotope separation of $^{17}O$ by photodissociation of ozone with near-infrared laser irradiation. Journal of Applied Physics, 2012, 111, 073104.	2.5	0
137	Retrieval of tropospheric aerosol properties using hyperspectral imaging camera. , 2013, , .		0
138	Stand-off measurement of solar-radiation induced vegetation fluorescence using oxygen a-band. , 2014, , .		0
139	Compact Raman Lidar Measurement of Liquid and Vapor Phase Water Under the Influence of Ionizing Radiation. EPJ Web of Conferences, 2016, 119, 25012.	0.3	0
140	Linear Data Compression of Hyperspectral Images. , 2017, , .		0
141	Development of LED-DOAS system for observing aerosol optical properties in the lower troposphere. Journal of Physics: Conference Series, 2019, 1341, 082006.	0.4	0
142	IGARSS 2019 in Yokohama, Japan: Events and New Directions [Conference Reports]. IEEE Geoscience and Remote Sensing Magazine, 2019, 7, 37-48.	9.6	0
143	Oxygen Measurement System using Optical Communication Devices. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1703-1707.	0.2	0
144	Study of Heterogenous Reaction between SiHCl <sub>3</sub> and Adsorbed H <sub>2</sub> O on Stainless Steel Surface by Laser Diode Spectroscopy.. Shinku/Journal of the Vacuum Society of Japan, 1999, 42, 628-632.	0.2	0

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145	Optical Monitoring of Pollution and Greenhouse Gases in the Lower Troposphere. , 2015, , .		0
146	Generating condition of non-diffractive beam under annular beam propagation in random media. , 2018, , .		0
147	Simultaneous observation of temporal and spatial distribution of atmospheric aerosol by means of slant-path and plan position indicator lidars. , 2018, , .		0
148	Diurnal Behavior of Aerosol Optical Properties Studied with Lidar and Ground-Based Instruments. EPJ Web of Conferences, 2020, 237, 02011.	0.3	0
149	Continuous Lidar Observation of Near Surface Aerosol Using Optical and Sampling Data from Ground-Based Instruments. EPJ Web of Conferences, 2020, 237, 02010.	0.3	0