

Hiroaki Kuze

List of Publications by Year in descending order

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149
papers

1,389
citations

361413

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454955

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all docs

151
docs citations

151
times ranked

1286
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Remote detection of oils in water using laser Raman spectroscopy. <i>Optics Communications</i> , 2021, 480, 126508.	2.1	6
3	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
4	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
5	Surface Aerosol Properties Studied Using a Near-Horizontal Lidar. <i>Atmosphere</i> , 2020, 11, 36.	2.3	8
6	Laser-fluence dependence of signal enhancement in femtosecond double-pulse laser induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 164, 105755.	2.9	1
7	Characteristics of non-diffractive beam generation related to concentration and propagation distance in highly random media. <i>Optik</i> , 2020, 202, 163628.	2.9	1
8	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
9	Diurnal Behavior of Aerosol Optical Properties Studied with Lidar and Ground-Based Instruments. <i>EPJ Web of Conferences</i> , 2020, 237, 02011.	0.3	0
10	Continuous Lidar Observation of Near Surface Aerosol Using Optical and Sampling Data from Ground-Based Instruments. <i>EPJ Web of Conferences</i> , 2020, 237, 02010.	0.3	0
11	Computation calibration on distance measurement in an ultrasonic remote sensing device. <i>Journal of Physics: Conference Series</i> , 2019, 1185, 012023.	0.4	1
12	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
13	Development of LED-DOAS system for observing aerosol optical properties in the lower troposphere. <i>Journal of Physics: Conference Series</i> , 2019, 1341, 082006.	0.4	0
14	IGARSS 2019 in Yokohama, Japan: Events and New Directions [Conference Reports]. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2019, 7, 37-48.	9.6	0
15	Influence of Ambient Relative Humidity on Seasonal Trends of the Scattering Enhancement Factor for Aerosols in Chiba, Japan. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1856-1871.	2.1	14
16	3D Land Mapping and Land Deformation Monitoring Using Persistent Scatterer Interferometry (PSI) ALOS PALSAR: Validated by Geodetic GPS and UAV. <i>IEEE Access</i> , 2018, 6, 12395-12404.	4.2	39
17	Detection of Dry-Flammable Peatland Area by Using Backscattering Coefficient Information of ALOS-2 Data L-Band Frequency. , 2018, , .		3
18	Visualizing spatial distribution of atmospheric nitrogen dioxide by means of hyperspectral imaging. <i>Applied Optics</i> , 2018, 57, 5970.	1.8	6

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19	Real Time Derivation of Atmospheric Aerosol Optical Properties by Concurrent Measurements of Optical and Sampling Instruments. Open Journal of Air Pollution, 2018, 07, 140-155.	1.4	6
20	Generating condition of non-diffractive beam under annular beam propagation in random media. , 2018, , .		0
21	Simultaneous observation of temporal and spatial distribution of atmospheric aerosol by means of slant-path and plan position indicator lidars. , 2018, , .		0
22	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. Canadian Journal of Remote Sensing, 2017, 43, 95-108.	2.4	9
23	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
24	Linear Data Compression of Hyperspectral Images. , 2017, , .		0
25	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
26	Factors for inconsistent aerosol single scattering albedo between SKYNET and AERONET. Journal of Geophysical Research D: Atmospheres, 2016, 121, 1859-1877.	3.3	22
27	Differential absorption lidar measurements of H2O and O2 using a coherent white light continuum. , 2016, , .		1
28	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
29	Surface reflectance estimation from satellite imagery with inhomogeneous atmospheric conditions. , 2015, , .		1
30	An experimental network analyzer based ISAR system for studying SAR fundamentals. , 2015, , .		2
31	Near-infrared open-path measurement of CO ₂ concentration in the urban atmosphere. Optics Letters, 2015, 40, 2568.	3.3	11
32	Optical Monitoring of Pollution and Greenhouse Gases in the Lower Troposphere. , 2015, , .		0
33	Stand-off measurement of solar-radiation induced vegetation fluorescence using oxygen a-band. , 2014, , .		0
34	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
35	Development of a semi-automated SAR test-bed. , 2014, , .		2
36	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

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37	Oxygen Measurement System using Optical Communication Devices. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1703-1707.	0.2	0
38	Comparison of Landsat image classification methods for detecting mangrove forests in Sundarbans. International Journal of Remote Sensing, 2013, 34, 1041-1056.	2.9	37
39	Spectral information analysis of image fusion data for remote sensing applications. Geocarto International, 2013, 28, 291-310.	3.5	31
40	Retrieval of tropospheric aerosol properties using hyperspectral imaging camera. , 2013, , .		0
41	MONITORING AND ANALYSIS OF LANDSLIDE HAZARD USING DINSAR TECHNIQUE APPLIED TO ALOS PALSAR IMAGERY: A CASE STUDY IN KAYANGAN CATCHMENT AREA, YOGYAKARTA, INDONESIA. Journal of Urban and Environmental Engineering, 2013, 7, 308-322.	0.3	9
42	Remote sensing applications with NH hyperspectral portable video camera. , 2012, , .		7
43	Urban air pollution monitoring using differential optical absorption spectroscopy (DOAS) and wind lidar. , 2012, , .		1
44	Multi-wavelength lidar system for the characterization of tropospheric aerosols and clouds. , 2012, , .		5
45	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
46	Isotope separation of ^{17}O by photodissociation of ozone with near-infrared laser irradiation. Journal of Applied Physics, 2012, 111, 073104.	2.5	0
47	Multi-Wavelength and Multi-Direction Remote Sensing of Atmospheric Aerosols and Clouds. , 2012, , .		4
48	A new triple proximity-fed circularly polarized microstrip antenna. AEU - International Journal of Electronics and Communications, 2012, 66, 395-400.	2.9	7
49	The integrated WRF/Urban modeling system and its application to monitoring urban heat island in Jakarta-Indonesia. Journal of Urban and Environmental Engineering, 2012, 6, 1-9.	0.3	11
50	Spectral quality evaluation of pixel-fused data for improved classification of remote sensing images. , 2011, , .		2
51	Surface deformation monitoring of Miyakejima volcano using DInSAR technique of ALOS PALSAR images. , 2011, , .		2
52	Differential optical absorption spectroscopy measurement of CO_2 using a nanosecond white light continuum. Optics Letters, 2011, 36, 4782.	3.3	13
53	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
54	Potential impact of spatial patterns of future atmospheric warming on Asian dust emission. Atmospheric Environment, 2011, 45, 6682-6695.	4.1	15

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55	Elliptical microstrip antenna for circularly polarized synthetic aperture radar. AEU - International Journal of Electronics and Communications, 2011, 65, 62-67.	2.9	5
56	Pulsed differential optical absorption spectroscopy applied to air pollution measurement in urban troposphere. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 277-284.	2.3	7
57	Seasonal variation of tropospheric aerosol properties by direct and scattered solar radiation spectroscopy. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 285-291.	2.3	13
58	Temporal analysis of land deformation on erupted mud volcano in sidoarjo, indonesia using DInSAR technique. , 2011, , .		2
59	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
60	DEVELOPMENT OF AN ELLIPTICAL ANNULAR RING MICROSTRIP ANTENNA WITH SINE WAVE PERIPHERY. Progress in Electromagnetics Research C, 2010, 12, 27-36.	0.9	4
61	Aerosol optical properties derived from solar spectrum measurements and their application to atmospheric correction of satellite data. , 2010, , .		0
62	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
63	ALOS PALSAR D-InSAR for land subsidence mapping in Jakarta, Indonesia. Canadian Journal of Remote Sensing, 2010, 36, 1-8.	2.4	37
64	Determination of tropospheric aerosol characteristics by spectral measurements of solar radiation using a compact, stand-alone spectroradiometer. Applied Optics, 2010, 49, 1446.	2.1	7
65	EQUILATERAL TRIANGULAR MICROSTRIP ANTENNA FOR CIRCULARLY-POLARIZED SYNTHETIC APERTURE RADAR. Progress in Electromagnetics Research C, 2009, 8, 107-120.	0.9	18
66	Aircraft and ground-based observations of boundary layer CO ₂ concentration in anticyclonic synoptic condition. Geophysical Research Letters, 2009, 36, .	4.0	1
67	Development of a fiber laser system for remote sensing of CO ₂ using satellite platform and ground-based detectors. , 2009, , .		1
68	Isotope-selective photodissociation of ozone molecules induced by infrared laser irradiation. Chemical Physics Letters, 2008, 455, 156-158.	2.6	3
69	Monitoring of temporal and spatial dynamics of aerosols and clouds by using a portable automated lidar. , 2007, , .		0
70	Development of an imaging lidar for aerosol monitoring using a wide field-of-view, high-resolution telescope. , 2007, , .		1
71	Correction in aerosol mass concentration measurements with humidity difference between ambient and instrumental conditions. Atmospheric Environment, 2007, 41, 1616-1626.	4.1	12
72	Dual-Site Lidar Observations and Satellite Data Analysis for Regional Cloud Characterization. Optical Review, 2007, 14, 39-47.	2.0	1

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73	Correlation study between suspended particulate matter and DOAS data. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 461-467.	4.3	2
74	Characterization of seasonal variation of tropospheric aerosols in Chiba, Japan. <i>Atmospheric Environment</i> , 2006, 40, 2160-2168.	4.1	17
75	Measurement of regional distribution of atmospheric NO and aerosol particles with flashlight long-path optical monitoring. <i>Atmospheric Environment</i> , 2005, 39, 4959-4968.	4.1	18
76	Determination of aerosol extinction coefficient and mass extinction efficiency by DOAS with a flashlight source. <i>Chinese Physics B</i> , 2005, 14, 2360-2364.	1.3	15
77	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
78	Correlation study between suspended particulate matter and portable automated lidar data. <i>Journal of Aerosol Science</i> , 2005, 36, 439-454.	3.8	18
79	Observation of boundary layer aerosols using a continuously operated, portable lidar system. <i>Atmospheric Environment</i> , 2004, 38, 3885-3892.	4.1	17
80	Observation of boundary layer aerosols using a continuously operated, portable lidar system. <i>Atmospheric Environment</i> , 2004, 38, 3885-3885.	4.1	1
81	An intercomparison of lidar-derived aerosol optical properties with airborne measurements near Tokyo during ACE-Asia. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	60
82	Long-path measurement of atmospheric NO ₂ with an obstruction flashlight and a charge-coupled-device spectrometer. <i>Applied Optics</i> , 2003, 42, 4362.	2.1	22
83	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
84	Assessing forest fire potential in Kalimantan Island, Indonesia, using satellite and surface weather data. <i>International Journal of Wildland Fire</i> , 2003, 12, 175.	2.4	18
85	Optical Properties of Aerosols in the Marine Boundary Layer during a Cruise from Tokyo, Japan to Fremantle, Australia. <i>Journal of the Meteorological Society of Japan</i> , 2003, 81, 151-162.	1.8	4
86	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
87	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
88	Detection of biomass burning smoke in satellite images using texture analysis. <i>Atmospheric Environment</i> , 2002, 36, 1531-1542.	4.1	10
89	Reduction of Fringe Noise in Wavelength Modulation Spectroscopy Using a One-Dimensional Focal Plane Array. <i>Optical Review</i> , 2002, 9, 189-192.	2.0	4
90	Estimation of aerosol optical thickness over land in Chiba area from AVHRR data. <i>Advances in Space Research</i> , 2002, 29, 1747-1752.	2.6	0

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91	<title>Simultaneous observation of NO ₂ column density and aerosol optical thickness in Kanto area, Japan</title>. , 2001, , .		0
92	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
93	Effect of Multiple Scattering in the Lidar Measurement of Tropospheric Aerosol Extinction Profiles. Optical Review, 2001, 8, 382-387.	2.0	3
94	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
95	Derivation of aerosol optical properties from four-wavelength lidar observations. , 2001, 4153, 132.		0
96	Determination of Aerosol Extinction-to-Backscattering Ratio from Multiwavelength Lidar Observation. Japanese Journal of Applied Physics, 2001, 40, 434-440.	1.5	8
97	<title>Retrieval of aerosol optical thickness from NOAA/AVHRR data and its application to the derivation over land area in Chiba</title>. , 2001, , .		1
98	Determination of trace moisture in gases by diode-laser multi-pass absorption spectroscopy.. Bunseki Kagaku, 2000, 49, 99-104.	0.2	1
99	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
100	Atmospheric correction of satellite data using multi-wavelength lidar data with MODTRAN3 code. Advances in Space Research, 2000, 25, 1033-1036.	2.6	8
101	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
102	Simultaneous Observation of NO ₂ Column Density and Aerosol Optical Thickness in Urban Atmosphere. Optical Review, 2000, 7, 89-94.	2.0	4
103	Signal Penetration into Thick Clouds Studied by Multi-Layer Data Observed with a Micro-Pulse Lidar. Optical Review, 2000, 7, 95-100.	2.0	2
104	Simultaneous Measurement of Wind and Aerosol Backscattering in the Troposphere by High Spectral Resolution Lidar with Iodine Filter. Optical Review, 2000, 7, 230-234.	2.0	1
105	Efficient Reduction of Fringe Noise in Trace Gas Detection with Diode Laser Multipass Absorption Spectroscopy. Japanese Journal of Applied Physics, 2000, 39, 4034-4040.	1.5	11
106	Long-path monitoring of atmospheric aerosol extinction with an automated laser positioning system. Review of Scientific Instruments, 2000, 71, 546-550.	1.3	2
107	Daytime Monitoring of Urban NO ₂ Column Density by Solar Spectroscopic Method. Japanese Journal of Applied Physics, 2000, 39, 622-627.	1.5	7
108	Calibration of the Lidar Measurement of Tropospheric Aerosol Extinction Coefficients. Japanese Journal of Applied Physics, 1999, 38, 293-297.	1.5	9

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109	Tunable, UV Solid-State Lidar for Measurement of Nitric Oxide Distribution. Japanese Journal of Applied Physics, 1999, 38, 6372-6378.	1.5	3
110	Absorption Spectrometry of Trace Moisture in Ammonia Gas with a 1371 nm Distributed-Feedback Diode Laser. Japanese Journal of Applied Physics, 1999, 38, 4788-4793.	1.5	6
111	Sensitivity Enhancement for Acetylene Detection at 1.5 μm by Use of a High-Finesse Optical Cavity. Japanese Journal of Applied Physics, 1999, 38, 4946-4949.	1.5	8
112	Tissue discrimination by laser-induced fluorescence method. , 1999, , .		0
113	<title>Scattering characteristics of Si_3N_4 mixture surface under laser illumination</title>. , 1999, , .		0
114	Laser-matter interaction mechanism in laser surface ablation. , 1999, , .		0
115	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
116	Study of Heterogeneous Reaction between SiHCl_3 and Adsorbed H_2O on Stainless Steel Surface by Laser Diode Spectroscopy.. Shinku/Journal of the Vacuum Society of Japan, 1999, 42, 628-632.	0.2	0
117	Simultaneous observation of aerosols in the planetary boundary layer by using Kytton and Lidar. Journal of Aerosol Science, 1998, 29, S1215-S1216.	3.8	1
118	Field-of-view dependence of lidar signals by use of Newtonian and Cassegrainian telescopes. Applied Optics, 1998, 37, 3128.	2.1	39
119	Lidar network observation of Asian dust (Kosa) in Japan. , 1998, , .		13
120	Local aerosol concentrations and optical characteristics influenced by the Indonesian forest fire. Proceedings of SPIE, 1998, , .	0.8	0
121	Analysis of atmospheric NO_x distribution in an urban area by solid state DIAL technique. , 1997, , .		1
122	<title>Atmospheric NO_x distribution monitoring in urban areas using a tunable solid state lidar</title>. , 1997, 3104, 195.		0
123	Rotationally excited NO molecules incident on a graphite surface: molecular rotation and translation after scattering. Surface Science, 1997, 374, 181-190.	1.9	20
124	Measurement of atmospheric NO_2 column density with Kitt Peak solar flux atlas as a reference. Optical Review, 1997, 4, 240.	2.0	11
125	Construction of a Multi-wavelength Lidar System for Satellite Data Atmospheric Correction. , 1997, , 71-74.		2
126	<title>Tunable solid state UV lidar system for NO monitoring</title>. , 1996, , .		2

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127	Measurement and analysis of lateral forces between magnets and high- T_c superconductors. Journal of Applied Physics, 1995, 77, 770-778.	2.5	6
128	Deceleration of magnetic dipoles interacting with $YBa_2Cu_3O_x$ superconductors. Journal of Applied Physics, 1993, 73, 1320-1326.	2.5	2
129	Boltzmann equation analysis of a pulsed molecular beam under non-equilibrium conditions. Chemical Physics Letters, 1992, 195, 400-404.	2.6	2
130	Influence of scattering history and out-of-plane scattering on the rotational energy redistribution: No scattered from graphite. Chemical Physics Letters, 1988, 153, 569-573.	2.6	11
131	Impact of Topography on Molecular-Beam Scattering on Surfaces: The NO-Diamond Case. Physical Review Letters, 1988, 61, 730-733.	7.8	10
132	Molecular Beam Studies of Thermal Decomposition of Glycine on Solid Surfaces. Japanese Journal of Applied Physics, 1987, 26, 627-632.	1.5	10
133	Isotope-selective infrared multiphoton dissociation of CF_3Br in a supersonic free jet. Applied Physics B, Photophysics and Laser Chemistry, 1986, 41, 91-94.	1.5	7
134	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
135	Cold jet infrared absorption spectroscopy: The $\hat{1}/2_3$ band of PF_5 . Journal of Chemical Physics, 1984, 80, 2314-2318.	3.0	20
136	Study of collisional relaxation in NH_3 by steady-state, infrared-infrared double resonance. Journal of Chemical Physics, 1984, 80, 4222-4229.	3.0	11
137	Cold jet infrared absorption spectroscopy: The $\hat{1}/2_3$ band of WF_6 . Journal of Chemical Physics, 1984, 80, 5994-5998.	3.0	20
138	Diode-laser spectroscopy of supersonic free jets. Applied Physics B, Photophysics and Laser Chemistry, 1983, 32, 43-47.	1.5	62
139	Measurement and calculation of rotational relaxation rate constants in the ground and excited vibrational states of $HCOOH$. Journal of Chemical Physics, 1983, 78, 1861-1866.	3.0	9
140	Infrared-microwave double resonance spectroscopy of the $SiF_4 \hat{1}/2_3$ fundamental using a tunable diode laser. Journal of Chemical Physics, 1983, 78, 2204-2209.	3.0	35
141	High-resolution laser spectroscopy of the $\hat{1}/2_3$ vibration-rotation band of $HCOOH$. Journal of Chemical Physics, 1982, 77, 714-722.	3.0	24
142	Electric dipole moment of $HCOOH$ in the ground and the $\hat{1}/2_3$ excited vibrational states. Journal of Molecular Spectroscopy, 1982, 93, 248-249.	1.2	20
143	Electric dipole moment of H_2O in the $\hat{1}/2_2$ excited vibrational state. Journal of Chemical Physics, 1981, 75, 4869-4872.	3.0	13
144	Microwave spectrum of water in the ν_2 excited vibrational state. Astrophysical Journal, 1980, 239, 1131.	4.5	14

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145	Determinations of relaxation rate constants on the 22 GHz rotational transition of H ₂ O by coherent transient spectroscopy. Journal of Chemical Physics, 1978, 69, 5195-5198.	3.0	28
146	Application of Kitt Peak Solar Flux Atlas for studying air pollution in Tokyo area. , 0, , .		0
147	Wavelength modulation detection of trace gas using a Fabry-Perot cavity. , 0, , .		0
148	Iterative correction of multiple-scattering effects in Mie-scattering lidar signals. , 0, , .		0
149	Simulation study for aerosol distribution retrieval from bistatic, imaging lidar data. , 0, , .		1