

Yuji Ikeda

List of Publications by Year in descending order

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docs citations

138
times ranked

1117
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially resolved measurement of OH*, CH*, and C2* chemiluminescence in the reaction zone of laminar methane/air premixed flames. Proceedings of the Combustion Institute, 2000, 28, 1757-1764.	3.9	218
2	Basic aspects of OH(A), CH(A), and C2(d) chemiluminescence in the reaction zone of laminar methane-air premixed flames. Combustion and Flame, 2005, 140, 34-45.	5.2	193
3	Measurements of minimum ignition energy in premixed laminar methane/air flow by using laser induced spark. Combustion and Flame, 2003, 132, 653-665.	5.2	151
4	Enhancement of flame development by microwave-assisted spark ignition in constant volume combustion chamber. Combustion and Flame, 2013, 160, 1225-1234.	5.2	129
5	The development of a light-collecting probe with high spatial resolution applicable to randomly fluctuating combustion fields. Measurement Science and Technology, 1999, 10, 1240-1246.	2.6	90
6	Spatially, temporally, and spectrally resolved measurement of laser-induced plasma in air. Applied Physics B: Lasers and Optics, 2007, 86, 605-614.	2.2	82
7	Measurement of the local flamefront structure of turbulent premixed flames by local chemiluminescence. Proceedings of the Combustion Institute, 2000, 28, 343-350.	3.9	80
8	Spatial characterization of laser-induced sparks in air. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 84, 123-139.	2.3	64
9	Laser-induced radical generation and evolution to a self-sustaining flame. Combustion and Flame, 2009, 156, 642-656.	5.2	63
10	In situ combustion measurements of CO ₂ by use of a distributed-feedback diode-laser sensor near 20 Åm. Applied Optics, 2001, 40, 821.	2.1	58
11	Local chemiluminescence spectra measurements in a high-pressure laminar methane/air premixed flame. Proceedings of the Combustion Institute, 2002, 29, 1495-1501.	3.9	55
12	Development of microwave-enhanced spark-induced breakdown spectroscopy. Applied Optics, 2010, 49, C95.	2.1	49
13	Fuel concentration measurement of premixed mixture using spark-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 1085-1092.	2.9	44
14	Characteristics of microwave plasma induced by lasers and sparks. Applied Optics, 2012, 51, B183.	1.8	43
15	Extending the Lean Stability Limits of Gasoline Using a Microwave-Assisted Spark Plug. , 0, , .		35
16	Improvement of Lean Limit and Fuel Consumption Using Microwave Plasma Ignition Technology. , 0, , .		35
17	The influence of fuel ignition quality and first injection proportion on gasoline compression ignition (GCI) combustion in a small-bore engine. Fuel, 2019, 235, 1207-1215.	6.4	35
18	Detailed spectral analysis of the process of HCCL combustion. Proceedings of the Combustion Institute, 2002, 29, 671-677.	3.9	34

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19	Microwave Enhanced Ignition Process for Fuel Mixture at Elevated Pressure of 1MPa. , 2009, , .		29
20	Optical measurements of high-frequency pressure fluctuations using a pressure-sensitive paint and Cassegrain optics. Measurement Science and Technology, 2002, 13, 1591-1598.	2.6	27
21	Ignition characteristics of methane/air premixed mixture by microwave-enhanced laser-induced breakdown plasma. Optics Express, 2013, 21, A1094.	3.4	27
22	Development of microwave-enhanced fibre-coupled laser-induced breakdown spectroscopy for nuclear fuel debris screening at Fukushima. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 171, 105933.	2.9	27
23	Simultaneous Laser-Induced Fluorescence and Mie Scattering for Droplet Cluster Measurements. AIAA Journal, 2003, 41, 2170-2178.	2.6	25
24	Flame size measurements of premixed propane-air mixtures ignited by microwave-enhanced plasma. Proceedings of the Combustion Institute, 2017, 36, 4113-4119.	3.9	25
25	Application of laser ignition on laminar flame front investigation. Experiments in Fluids, 2004, 36, 108-113.	2.4	24
26	Extending Lean Operating Limit and Reducing Emissions of Methane Spark-Ignited Engines Using a Microwave-Assisted Spark Plug. Journal of Combustion, 2012, 2012, 1-8.	1.0	24
27	Development of Innovative Microwave Plasma Ignition System with Compact Microwave Discharge Igniter. , 0, , .		24
28	Research and Development of Microwave Plasma Combustion Engine (Part I: Concept of Plasma) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50 3		23
29	Multi-point time-series observation of optical emissions for flame-front motion analysis. Measurement Science and Technology, 2003, 14, 1714-1724.	2.6	22
30	Investigation of the spray characteristics for a secondary fuel injection nozzle using a digital image processing method. Measurement Science and Technology, 2007, 18, 1591-1602.	2.6	19
31	Research and Development of Microwave Plasma Combustion Engine (Part II: Engine Performance of) Tj ETQq1 1 0.784314 rgBT /Over		19
32	Antenna Characteristics of Helical Coil with 2.45 GHz Semiconductor Microwave for Microwave-Enhanced Laser-Induced Breakdown Spectroscopy (MW-LIBS). Materials, 2022, 15, 2851.	2.9	19
33	The Relationship between In-Cylinder Flow-Field near Spark Plug Areas, the Spark Behavior, and the Combustion Performance inside an Optical S.I. Engine. Applied Sciences (Switzerland), 2019, 9, 1545.	2.5	18
34	Applications of a multi-point Microwave Discharge Igniter in a multi-cylinder gasoline engine. Proceedings of the Combustion Institute, 2019, 37, 5621-5628.	3.9	17
35	Influence of Engine Speed on Gasoline Compression Ignition (GCI) Combustion in a Single-Cylinder Light-Duty Diesel Engine. , 0, , .		16
36	Scavenging Flow Measurements in a Motored Two-Stroke Engine by Fiber LDV. , 1991, , .		15

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37	Multi-intensity-layer particle-image velocimetry for spray measurement. Measurement Science and Technology, 2000, 11, 617-626.	2.6	15
38	Cycle-Resolved PDA Measurement of Size-Classified Spray Structure of Air-Assist Injector. , 0, , .		13
39	Local A/F Measurement by Chemiluminescence OH*, CH* and C2* in SI Engine. , 0, , .		13
40	Flow Vector Measurements at the Scavenging Ports in a Fired Two-Stroke Engine. , 1992, , .		11
41	Droplet-size-classified stereoscopic PIV for spray characterization. Measurement Science and Technology, 2002, 13, 1050-1057.	2.6	11
42	Local equivalence ratio measurement of CH ₄ /Air and C ₃ H ₈ /air laminar flames by laser-induced breakdown spectroscopy. , 2006, , .		11
43	Flux measurements of O ₂ , CO ₂ and NO in an oil furnace. Measurement Science and Technology, 1995, 6, 826-832.	2.6	10
44	Attachment structure of a non-premixed laminar methane flame. Proceedings of the Combustion Institute, 2005, 30, 391-398.	3.9	10
45	Extension of Dilution Limit in Propane-Air Mixtures Using Microwave Discharge Igniter. , 2017, , .		10
46	A comparison of high-temperature reaction and soot processes of conventional diesel and methyl decanoate. Fuel, 2018, 226, 635-643.	6.4	10
47	Tumble Generator Valve (TGV) Control of In-Cylinder Bulk Flow and Its Turbulence Near Spark Plug in SI Engine. , 0, , .		9
48	Evaluation of a novel miniaturised microwave resonating igniter: The Flat Panel Igniter. Proceedings of the Combustion Institute, 2019, 37, 5613-5620.	3.9	9
49	Exhaust Gas Flow Behavior in a Two-Stroke Engine. , 0, , .		8
50	Size-Classified Droplet Dynamics and its Slip Velocity Variation of Air-Assist Injector Spray. , 0, , .		8
51	Detail distributions of OH*, CH* and C2* chemiluminescence in the reaction zone of laminar premixed methane/air flames. , 2000, , .		8
52	A Studies of Plasma-Assisted Ignition in a Small Internal Combustion Engine. , 2012, , .		8
53	Control of Microwave Plasma for Ignition Enhancement Using Microwave Discharge Igniter. , 0, , .		8
54	Simultaneous In-Cylinder Flow Measurement and Flame Imaging in a Realistic Operating Engine Environment Using High-Speed PIV. Applied Sciences (Switzerland), 2019, 9, 2678.	2.5	8

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55	New high-performance tracer particles for optical gas flow diagnostics. Measurement Science and Technology, 1992, 3, 619-621.	2.6	7
56	Misfiring Effects on Scavenging Flow at Scavenging Port and Exhaust Pipe in a Small Two-Stroke-Engine. , 1993, , .		7
57	Planar Droplet Sizing for the Characterization of Droplet Clusters in an Industrial Gun-Type Burner. Particle and Particle Systems Characterization, 2003, 20, 199-208.	2.3	7
58	In-spark-plug Sensor for Analyzing the Initial Flame and Its Structure in an SI Engine. , 2005, , .		7
59	Elemental analysis and mixture ratio determination in fine powder metals using microwave-sustained plasma ball spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2019, 160, 105693.	2.9	7
60	Experimental study of pulsed microwave discharges at pressures ranging over five orders of magnitude. Plasma Sources Science and Technology, 2019, 28, 045009.	3.1	7
61	Theoretical evaluation of burst digital correlation method for LDV signal processing. Measurement Science and Technology, 1990, 1, 767-774.	2.6	6
62	Influence of inlet conditions on the flowfield in a model gas turbine combustor. Experimental Thermal and Fluid Science, 1992, 5, 390-400.	2.7	6
63	Spatially and Spectrally Resolved Measurement of Chemiluminescence in Laminar Methane/Air Premixed Flames. Correlation between Emission Intensity Ratio of OH*/CH* to the Equivalence Ratio.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2000, 66, 1871-1878.	0.2	6
64	Measurement of Flame Propagation Characteristics in an SI Engine Using Micro-Local Chemiluminescence Technique. , 2005, , .		6
65	Ignition of Propane-Air Mixtures by Miniaturized Resonating Microwave Flat-Panel Plasma Igniter. , 2017, , .		6
66	Emission Spectroscopy Study of the Microwave Discharge Igniter. , 0, , .		6
67	Application of Neural Network Technique to Combustion Spray Dynamics Analysis. Lecture Notes in Computer Science, 2002, , 408-425.	1.3	6
68	Triple Injection Strategies for Gasoline Compression Ignition (GCI) Combustion in a Single-Cylinder Small-Bore Common-Rail Diesel Engine. , 0, , .		6
69	Development of 2.45 GHz Semiconductor Microwave System for Combustion Ignition Enhancement and Failure Analysis. Materials, 2022, 15, 2042.	2.9	6
70	In-Cylinder Flow Measurement and Its Application for Cyclic Variation Analysis in a Two-Stroke Engine. , 0, , .		5
71	Development of a Multi-Color Light Collection Probe with High Spatial Resolution. 1st Report, Evaluation of Spatial Resolution by Ray-Tracing Method.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1998, 64, 925-930.	0.2	5
72	Identification of true particle image displacement based on false correlation symmetry at poor signal peak detectability. Experiments in Fluids, 2000, 29, S023-S033.	2.4	5

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73	Spray combustion characteristics in a highly pressurized swirl-stabilized combustor. Proceedings of the Combustion Institute, 2002, 29, 853-859.	3.9	5
74	Application of Microwave Enhanced Plasma to Control the Ignition Delay of Diesel Spray Combustion. International Journal of Automotive Engineering, 2017, 8, 137-142.	0.5	5
75	Cyclic Variation of CO and CO ₂ Emissions and Scavenging Flow in a Two-Stroke Engine. , 1994, , .		4
76	Optimum Seeding Particles for Successful Laser Doppler Velocimeter Measurements. Particle and Particle Systems Characterization, 1994, 11, 127-132.	2.3	4
77	Flux Measurements of O ₂ , CO ₂ and NO in Oil Furnace.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1995, 61, 332-338.	0.2	4
78	Spray Formation of Air-Assist Injection for Two-Stroke Engine. , 0, , .		4
79	Air Pollution from Small Two-Stroke Engines and Technologies to Control It. , 1998, , 441-476.		4
80	Measurement of Flame Front Structure and Its Thickness by Planar and Local Chemiluminescence of OH*, CH* and C ₂ *. , 0, , .		4
81	Chemiluminescence-Based Diagnostics for the Flame-Front Structure of Premixed Flames.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2003, 69, 482-489.	0.2	4
82	Application of High-Speed PIV Diagnostics for Simultaneous Investigation of Flow Field and Spark Ignited Flame inside an Optical SI Engine. SAE International Journal of Engines, 0, 10, 917-927.	0.4	4
83	The Interaction between In-Cylinder Turbulent Flow and Flame Front Propagation in an Optical SI Engine Measured by High-Speed PIV. Energies, 2022, 15, 2783.	3.1	4
84	Simultaneous Measurement of Velocity and Temperature of Water Using LDV and Fluorescence Technique.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1992, 58, 554-560.	0.2	3
85	Spray Behavior and Its Interaction with Turbulent Air Flow on Gun-Type Burner.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1994, 60, 656-661.	0.2	3
86	Burst digital correlator as laser-Doppler velocimetry signal processor. Applied Optics, 1996, 35, 3243.	2.1	3
87	Effect of flame holder shape on vortex shedding. , 1996, , .		3
88	Flame Propagation Variation due to Insufficient HC Concentration. , 1998, , .		3
89	Flame Propagation Characteristics by Planar OH* Measurement. , 1999, , .		3
90	Measurements of the combustion characteristics of compound clusters in pressure-atomized spray flame. , 1999, , .		3

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91	Characterization of the three-dimensional flame-holding mechanism in an industrial oil burner with stereoscopic particle image velocimetry. <i>Journal of Turbulence</i> , 2001, 2, N16.	1.4	3
92	Spatial and Temporal Characteristics of Laser-Induced Air Plasma. , 2006, , .		3
93	Measurements of Rotational Temperature and Density of Molecular Nitrogen in Spark-Plug Assisted Atmospheric-Pressure Microwave Discharges by Rotational Raman Scattering. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 076101.	1.5	3
94	Fuel Droplet Dynamics and Dispersion of Practical Twin-Fluid Atomizer for Oil Furnace. <i>International Journal of Fluid Mechanics Research</i> , 1997, 24, 138-148.	0.4	3
95	Plasma-Assisted Combustion in Automobile Engines Using Semiconductor-Oscillated Microwave Discharge Igniters. , 2020, , 195-216.		3
96	Measurement of Cyclic Variation of the Air-to-Fuel Ratio of Exhaust Gas in an SI Engine by Laser-Induced Breakdown Spectroscopy. <i>Energies</i> , 2022, 15, 3053.	3.1	3
97	Numerical Simulation of Pulverized Coal Combustion in a Furnace. The Method of Two-Dimensional Analysis.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1993, 59, 619-625.	0.2	2
98	Measuring local OH* to analyze flame front movement in a turbulent premixed flame. , 1999, , .		2
99	Local Damkoehler number measurement in turbulent methane/air flames by local OH*, CH* and C2* chemiluminescence. , 2000, , .		2
100	Local Chemiluminescence Spectra Measurement in Laminar Methane/Air and Propane/Air Premixed Flames.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2003, 69, 200-206.	0.2	2
101	Effects of Microwave Enhanced Plasma on Diesel Spray Combustion. , 2017, , .		2
102	Time-Series A/F Analysis in a SI Engine by Micro-Local Chemiluminescence Technique(Measurement,) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5 in Internal Combustion Engines, 2004, 2004.6, 455-462.	0.1	2
103	Burst Digital Correlator for LDV Signal Processing. , 1989, , 415-433.		2
104	Flow structure in a can-type model gas turbine combustor. 1st report, Flow field in a primary zone.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1991, 57, 1167-1174.	0.2	1
105	Dispersion Process of the Spray Formed by an Air-Assisted Injector.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1995, 61, 759-765.	0.2	1
106	Spray Characteristics Simulation in a Flame-Holding Region of an Oil Burner.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1996, 62, 2472-2480.	0.2	1
107	Combusting Flow Simulation in an Oil Furnace.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1996, 62, 2481-2489.	0.2	1
108	LDV Measurement in the Flame Holding region behind a Bluff Body with Hydrogen Fuel Injection.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1999, 65, 1813-1821.	0.2	1

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109	High Temporally Resolved Optical Measurement for Laser Ignition Process of Laminar Premixed Mixtures. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 1633-1640.	0.2	1
110	Real-time impedance measurement and frequency control in an automotive plasma ignition system. , 2015, , .		1
111	Measurements of Flow Mechanism in Fluidic Gas Meters by LDV. , 1993, , 333-344.		1
112	Local Chemiluminescence Measurements of OH*, CH* and C2* at Turbulent Premixed Flame-Fronts. , 2001, , 12-27.		1
113	Effects of duty ratio on microwave-enhanced laser ignition. , 2015, , .		1
114	Effects of Microwave-Enhanced Plasma on Laser Ignition. , 2017, , 245-253.		1
115	A study on intake flow characteristics in a two-cycle engine by a fiber laser Doppler Velocimeter.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1990, 56, 247-252.	0.2	0
116	Flow structure in a can-type model gas turbine combustor. 2nd report, Detailed flow structure and turbulence properties.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1991, 57, 1175-1182.	0.2	0
117	Burst Digital Correlator for LDV Signal Processing. 3rd Report. Burst Detection of LDV by Correlation Method.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1992, 58, 1192-1199.	0.2	0
118	Reaction Characteristics of Lean Propane Premixed Mixture in Catalytic Combustion.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1993, 59, 1389-1394.	0.2	0
119	A Study on Premixed Catalytic Combustion of Propane.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1993, 59, 613-618.	0.2	0
120	Exhaust Gas Flow Behavior in a Two-Stroke Engine.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1993, 59, 981-987.	0.2	0
121	Cyclic Variation of CO and CO2 Emission in a Small Two Stroke Engine.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1994, 60, 2223-2228.	0.2	0
122	Numerical Simulation of Pulverized Coal Combustion in a Furnace. Predictions of Emission Characteristics of NOx for Various Kinds of Coals and NOx Reduction due to Two-Stage Air Injection.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1994, 60, 308-313.	0.2	0
123	Experimental Detection of Misfiring Source from Flow Rate Variation at Transfer Port and Exhaust Pipe in a Two-Stroke Engine. , 0, , .		0
124	Flame Holding in a Gun-type Oil Burner. Fluctuation Characteristics and Concentration Variation.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1996, 62, 1599-1607.	0.2	0
125	Size-Classified Droplet Dynamics of Combusting Spray in 0.1 MW Oil Furnace.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1999, 65, 790-797.	0.2	0
126	Variation in a Two-Stroke Engine. 1st Report. Correlation between Velocity, Pressure and HC Concentration.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2000, 66, 1237-1242.	0.2	0

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127	Effect of Fuel Flow Rate to the flow Structure and Vortex Shedding behind a Bluff Body.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2000, 66, 271-279.	0.2	0
128	Pulverized Refused-Derived Fuel Combustion Characteristics in Small Cyclone Combustor.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2000, 66, 1205-1210.	0.2	0
129	Local Chemiluminescence Measurement of Turbulent Premixed Flame.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2001, 67, 1500-1507.	0.2	0
130	Measurement of Flame Front Characteristics of S.I. Engine by Local Chemiluminescence, OH*, CH* and C*2.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2001, 67, 544-549.	0.2	0
131	Laser Diagnostics of Gun-Type Spray. Clustering and Compound-Cluster Combustion of Liquid Spray.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2001, 67, 841-848.	0.2	0
132	CO2 Gas Measurement by Diode Laser Absorption Spectroscopy. 2nd Report. Detailed Absorption Spectrum Measurement Near 2.0.MU.m and Time-Resolved Temperature Measurement of Combustion Gas.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2002, 68, 2901-2907.	0.2	0
133	CO2 Gas Measurement by Diode Laser Absorption Spectroscopy. 1st Report. A Development of Sensor System and Its Evaluation.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2002, 68, 860-867.	0.2	0
134	Experimental and Computational Study of Spatial Distributions of OH*, CH*, and C2* Chemiluminescences in the Reaction Zone of Laminar Premixed Flames. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2003, 69, 1893-1900.	0.2	0
135	Microwave-enhanced Emission Intensity and Plasma Lifetime in Laser-induced Breakdown Spectroscopy. , 2012, , .		0
136	In-Cylinder Soot Reduction Using Microwave Generated Plasma in an Optically Accessible Small-Bore Diesel Engine. , 2018, , .		0
137	(3-23) Detailed Spectrum Analysis of Chemiluminescent Radicals at Flame Front in an SI Engine((D-3)Diagnostics 3-Applications and Advamced Technolog). The Proceedings of the International Symposium on Diagnostics and Modeling of Combustion in Internal Combustion Engines, 2001, 01.204, 86.	0.1	0
138	Development of an On-Line System for Oil Void Fraction Measurements. , 0, , .		0