Yuji Ikeda

List of Publications by Year
in descending order

138 papers	2,259 citations	331670 21 h-index	276875 41 g-index
138 all docs	138 docs citations	138 times ranked	1117 citing authors

#	Article	IF	Citations
1	Development of 2.45 GHz Semiconductor Microwave System for Combustion Ignition Enhancement and Failure Analysis. Materials, 2022, 15, 2042.	2.9	6
2	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
3	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
4	Measurement of Cyclic Variation of the Air-to-Fuel Ratio of Exhaust Gas in an SI Engine by Laser-Induced Breakdown Spectroscopy. Energies, 2022, 15, 3053.	3.1	3
5	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
6	Plasma-Assisted Combustion in Automobile Engines Using Semiconductor-Oscillated Microwave Discharge Igniters. , 2020, , 195-216.		3
7	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
8	Evaluation of a novel miniaturised microwave resonating igniter: The Flat Panel Igniter. Proceedings of the Combustion Institute, 2019, 37, 5613-5620.	3.9	9
9	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
10	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
11	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
12	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
13	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
14	A comparison of high-temperature reaction and soot processes of conventional diesel and methyl decanoate. Fuel, 2018, 226, 635-643.	6.4	10
15	In-Cylinder Soot Reduction Using Microwave Generated Plasma in an Optically Accessible Small-Bore Diesel Engine. , 2018, , .		0
16	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
17	Effects of Microwave Enhanced Plasma on Diesel Spray Combustion. , 2017, , .		2
18	Ignition of Propane-Air Mixtures by Miniaturized Resonating Microwave Flat-Panel Plasma Igniter. , 2017, , .		6

#	Article	IF	Citations
19	Extension of Dilution Limit in Propane-Air Mixtures Using Microwave Discharge Igniter. , 2017, , .		10
20	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
21	Effects of Microwave-Enhanced Plasma on Laser Ignition. , 2017, , 245-253.		1
22	Real-time impedance measurement and frequency control in an automotive plasma ignition system. , 2015, , .		1
23	Effects of duty ratio on microwave-enhanced laser ignition. , 2015, , .		1
24	Enhancement of flame development by microwave-assisted spark ignition in constant volume combustion chamber. Combustion and Flame, 2013, 160, 1225-1234.	5.2	129
25	Ignition characteristics of methane/air premixed mixture by microwave-enhanced laser-induced breakdown plasma. Optics Express, 2013, 21, A1094.	3.4	27
26	A Studies of Plasma-Assisted Ignition in a Small Internal Combustion Engine. , 2012, , .		8
27	Characteristics of microwave plasma induced by lasers and sparks. Applied Optics, 2012, 51, B183.	1.8	43
28	Microwave-enhanced Emission Intensity and Plasma Lifetime in Laser-induced Breakdown Spectroscopy. , 2012, , .		0
29	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
30	Measurements of Rotational Temperature and Density of Molecular Nitrogen in Spark-Plug Assisted Atmospheric-Pressure Microwave Discharges by Rotational Raman Scattering. Japanese Journal of Applied Physics, 2011, 50, 076101.	1.5	3
31	Development of microwave-enhanced spark-induced breakdown spectroscopy. Applied Optics, 2010, 49, C95.	2.1	49
32	Laser-induced radical generation and evolution to a self-sustaining flame. Combustion and Flame, 2009, 156, 642-656.	5.2	63
33	Fuel concentration measurement of premixed mixture using spark-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 1085-1092.	2.9	44
34	Microwave Enhanced Ignition Process for Fuel Mixture at Elevated Pressure of 1MPa. , 2009, , .		29
35	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
36	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

#	Article	IF	Citations
37	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
38	Spatial and Temporal Characteristics of Laser-Induced Air Plasma. , 2006, , .		3
39	Local equivalence ratio measurement of CH4/Air and C3H8/air laminar flames by laser-induced breakdown spectroscopy. , 2006, , .		11
40	Attachment structure of a non-premixed laminar methane flame. Proceedings of the Combustion Institute, 2005, 30, 391-398.	3.9	10
41	Basic aspects of OH(A), CH(A), and C2(d) chemiluminescence in the reaction zone of laminar methaneâ€“air premixed flames. Combustion and Flame, 2005, 140, 34-45.	5.2	193
42	In-spark-plug Sensor for Analyzing the Initial Flame and Its Structure in an SI Engine. , 2005, , .		7
43	Measurement of Flame Propagation Characteristics in an SI Engine Using Micro-Local Chemiluminescence Technique. , 2005, , .		6
44	Application of laser ignition on laminar flame front investigation. Experiments in Fluids, 2004, 36, 108-113.	2.4	24
45	Spatial characterization of laser-induced sparks in air. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 84, 123-139.	2.3	64
46	Time-Series A/F Analysis in a SI Engine by Micro-Local Chemiluminescence Technique(Measurement,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 in Internal Combustion Engines, 2004, 2004.6, 455-462.	0.1	2
47	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
48	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
49	Simultaneous Laser-Induced Fluorescence and Mie Scattering for Droplet Cluster Measurements. AIAA Journal, 2003, 41, 2170-2178.	2.6	25
50	Multi-point time-series observation of optical emissions for flame-front motion analysis. Measurement Science and Technology, 2003, 14, 1714-1724.	2.6	22
51	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
52	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
53	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
54	Droplet-size-classified stereoscopic PIV for spray characterization. Measurement Science and Technology, 2002, 13, 1050-1057.	2.6	11

#	Article	IF	Citations
55	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
56	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
57	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
58	Detailed spectral analysis of the process of HCCI combustion. Proceedings of the Combustion Institute, 2002, 29, 671-677.	3.9	34
59	Spray combustion characteristics in a highly pressurized swirl-stabilized combustor. Proceedings of the Combustion Institute, 2002, 29, 853-859.	3.9	5
60	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
61	Application of Neural Network Technique to Combustion Spray Dynamics Analysis. Lecture Notes in Computer Science, 2002, , 408-425.	1.3	6
62	In situ combustion measurements of CO_2 by use of a distributed-feedback diode-laser sensor near 20 Âµm. Applied Optics, 2001, 40, 821.	2.1	58
63	Characterization of the three-dimensional flame-holding mechanism in an industrial oil burner with stereoscopic particle image velocimetry. Journal of Turbulence, 2001, 2, N16.	1.4	3
64	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
65	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
66	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
67	Local Chemiluminescence Measurements of OH*, CH* and C2* at Turbulent Premixed Flame-Fronts. , 2001, , 12-27.		1
68	(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
69	Variation in a Two-Stroke Engine. 1st Report. Correlation between Velocity, Pressure and HC Concetration.. 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
70	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
71	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
72	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

#	Article	IF	Citations
73	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
74	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
75	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
76	Multi-intensity-layer particle-image velocimetry for spray measurement. Measurement Science and Technology, 2000, 11, 617-626.	2.6	15
77	Detail distributions of OH*, CH* and C2* chemiluminescence in the reaction zone of laminar premixed methane/air flames. , 2000, , .		8
78	Local Damkoehler number measurement in turbulent methane/air flames by local OH*, CH* and C2* chemiluminescence. , 2000, , .		2
79	Flame Propagation Characteristics by Planar OH* Measurement. , 1999, , .		3
80	Measurements of the combustion characteristics of compound clusters in pressure-atomized spray flame. , 1999, , .		3
81	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
82	Measuring local OH* to analyze flame front movement in a turbulent premixed flame. , 1999, , .		2
83	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
84	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
85	Air Pollution from Small Two-Stroke Engines and Technologies to Control It. , 1998, , 441-476.		4
86	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
87	Flame Propagation Variation due to Insufficient HC Concentration. , 1998, , .		3
88	Fuel Droplet Dynamics and Dispersion of Practical Twin-Fluid Atomizer for Oil Furnace. International Journal of Fluid Mechanics Research, 1997, 24, 138-148.	0.4	3
89	Burst digital correlator as laser-Doppler velocimetry signal processor. Applied Optics, 1996, 35, 3243.	2.1	3
90	Effect of flame holder shape on vortex shedding. , 1996, , .		3

#	Article	IF	Citations
91	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
92	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
93	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
94	Flux Measurements of O2, CO2 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
95	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
96	Flux measurements of O2, CO2and NO in an oil furnace. Measurement Science and Technology, 1995, 6, 826-832.	2.6	10
97	Cyclic Variation of CO and CO2 Emissions and Scavenging Flow in a Two-Stroke Engine. , 1994, , .		4
98	Optimum Seeding Particles for Successful Laser Doppler Velocimeter Measurements. Particle and Particle Systems Characterization, 1994, 11, 127-132.	2.3	4
99	Cyclic Variation of CO and C02 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
100	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
101	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
102	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
103	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
104	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
105	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
106	Misfiring Effects on Scavenging Flow at Scavenging Port and Exhaust Pipe in a Small Two-Stroke-Engine. , 1993, , .		7
107	Measurements of Flow Mechanism in Fluidic Gas Meters by LDV. , 1993, , 333-344.		1
108	New high-performance tracer particles for optical gas flow diagnostics. Measurement Science and Technology, 1992, 3, 619-621.	2.6	7

#	Article	IF	Citations
109	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
110	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
111	Flow Vector Measurements at the Scavenging Ports in a Fired Two-Stroke Engine. , 1992, , .		11
112	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
113	Scavenging Flow Measurements in a Motored Two-Stroke Engine by Fiber LDV. , 1991, , .		15
114	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
115	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
116	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
117	Theoretical evaluation of burst digital correlation method for LDV signal processing. Measurement Science and Technology, 1990, 1, 767-774.	2.6	6
118	Burst Digital Correlator for LDV Signal Processing. , 1989, , 415-433.		2
119	Exhaust Gas Flow Behavior in a Two-Stroke Engine. , 0, , .		8
120	In-Cylinder Flow Measurement and Its Application for Cyclic Variation Analysis in a Two-Stroke Engine. , 0, , .		5
121	Spray Formation of Air-Assist Injection for Two-Stroke Engine. , 0, , .		4
122	Experimental Detection of Misfiring Source from Flow Rate Variation at Transfer Port and Exhaust Pipe in a Two-Stroke Engine. , 0, , .		0
123	Cycle-Resolved PDA Measurement of Size-Classified Spray Structure of Air-Assist Injector. , 0, , .		13
124	Size-Classified Droplet Dynamics and its Slip Velocity Variation of Air-Assist Injector Spray. , 0, , .		8
125	Measurement of Flame Front Structure and Its Thickness by Planar and Local Chemiluminescence of OH*, CH* and C2*. , 0, , .		4
126	Local A/F Measurement by Chemiluminescence OH*, CH* and C2* in SI Engine. , 0, , .		13

#	Article	IF	Citations
127	Tumble Generator Valve (TGV) Control of In-Cylinder Bulk Flow and Its Turbulence Near Spark Plug in SI Engine. , 0, , .		9
128	Research and Development of Microwave Plasma Combustion Engine (Part I: Concept of Plasma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7		23
129	Research and Development of Microwave Plasma Combustion Engine (Part II: Engine Performance of) Tj ETQq1 1 0.784314 rgBT /Ove		19
130	Extending the Lean Stability Limits of Gasoline Using a Microwave-Assisted Spark Plug. , 0, , .		35
131	Improvement of Lean Limit and Fuel Consumption Using Microwave Plasma Ignition Technology. , 0, , .		35
132	Development of Innovative Microwave Plasma Ignition System with Compact Microwave Discharge Igniter. , 0, , .		24
133	Control of Microwave Plasma for Ignition Enhancement Using Microwave Discharge Igniter. , 0, , .		8
134	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
135	Emission Spectroscopy Study of the Microwave Discharge Igniter. , 0, , .		6
136	Influence of Engine Speed on Gasoline Compression Ignition (GCI) Combustion in a Single-Cylinder Light-Duty Diesel Engine. , 0, , .		16
137	Triple Injection Strategies for Gasoline Compression Ignition (GCI) Combustion in a Single-Cylinder Small-Bore Common-Rail Diesel Engine. , 0, , .		6
138	Development of an On-Line System for Oil Void Fraction Measurements. , 0, , .		0