

Bianca Maria Vaglieco

List of Publications by Year in descending order

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213
papers

3,556
citations

201385

27
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243296

44
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all docs

214
docs citations

214
times ranked

2059
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of fuel quality on combustion evolution and particle emissions from PFI and GDI engines fueled with gasoline, ethanol and blend, with focus on 10–23 nm particles. <i>Energy</i> , 2022, 239, 122198.	4.5	24
2	Measurement of Sub-23 nm Particles Emitted from PFI/DI SI Engine Fueled with Oxygenated Fuels: A Comparison between Conventional and Novel Methodologies. <i>Energies</i> , 2022, 15, 2021.	1.6	4
3	Analogies in the Analysis of the Thermal Status of Batteries and Internal Combustion Engines for Mobility. <i>Energies</i> , 2022, 15, 2700.	1.6	0
4	Experimental Validation and Numerical Simulation of a Hybrid Sensible-Latent Thermal Energy Storage for Hot Water Provision on Ships. <i>Energies</i> , 2022, 15, 2596.	1.6	5
5	Development and experimental testing of an integrated prototype based on Stirling, ORC and a latent thermal energy storage system for waste heat recovery in naval application. <i>Applied Energy</i> , 2022, 311, 118673.	5.1	21
6	Exploring the potentials of lean-burn hydrogen SI engine compared to methane operation. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 25044-25056.	3.8	20
7	Effect of ethanol blends, E10, E25 and E85 on sub-23 nm particle emissions and their volatile fraction at exhaust of a high-performance GDI engine over the WLTC. <i>Fuel</i> , 2022, 327, 125184.	3.4	7
8	Optical characterization of methanol compression-ignition combustion in a heavy-duty engine. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 5509-5517.	2.4	15
9	Investigation on sub-23 nm particles and their volatile organic fraction (VOF) in PFI/DI spark ignition engine fueled with gasoline, ethanol and a 30 %v/v ethanol blend. <i>Journal of Aerosol Science</i> , 2021, 153, 105723.	1.8	18
10	Conventional and novel measurement systems for sub-23 nm particles emitted by SI engine fueled with low formation particulate fuels. , 2021, , .		0
11	CFD Study and Experimental Validation of a Dual Fuel Engine: Effect of Engine Speed. <i>Energies</i> , 2021, 14, 4307.	1.6	7
12	Heat transfer of a Stirling engine for waste heat recovery application from internal combustion engines. <i>Applied Thermal Engineering</i> , 2021, 198, 117492.	3.0	19
13	Analysis of a Stirling engine in a waste heat recovery system with internal combustion engine. <i>E3S Web of Conferences</i> , 2021, 313, 13001.	0.2	2
14	Free-Piston Stirling Engine Technologies and Models: A Review. <i>Energies</i> , 2021, 14, 7009.	1.6	11
15	Potential of infrared temperature measurements for the online estimation of the state-of-charge of a Li-polymer battery. <i>Journal of Energy Storage</i> , 2021, 44, 103532.	3.9	12
16	IJER editorial: The future of the internal combustion engine. <i>International Journal of Engine Research</i> , 2020, 21, 3-10.	1.4	457
17	Study on dual fuel combustion in an optical research engine by infrared diagnostics varying methane quantity and engine speed. <i>Applied Thermal Engineering</i> , 2020, 178, 115623.	3.0	13
18	Analysis of the combustion process in a lean-burning turbulent jet ignition engine fueled with methane. <i>Energy Conversion and Management</i> , 2020, 223, 113257.	4.4	37

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19	Effect of after-treatment systems on particulate matter emissions in diesel engine exhaust. <i>Experimental Thermal and Fluid Science</i> , 2020, 116, 110107.	1.5	51
20	CNRâ€™Fincantieri Joint Projects: A Successful Example of Collaboration between Research and Industry Based on the Open Innovation Approach. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , 2020, 6, 15.	2.6	1
21	Online Monitoring Solutions of Efficiency for Automotive EGR Heat Exchangers. <i>E3S Web of Conferences</i> , 2020, 162, 01003.	0.2	1
22	Influence of water injection on combustion identified through spectroscopy in an optical direct injection spark ignition engine. <i>Fuel</i> , 2020, 273, 117729.	3.4	15
23	Influence of ethanol blended and dual fueled with gasoline on soot formation and particulate matter emissions in a small displacement spark ignition engine. <i>Fuel</i> , 2019, 245, 253-262.	3.4	36
24	EVALUATION OF THE VAPORIZATION ENERGY OF A DIESEL AND A BIODIESEL SPRAY VIA INFRARED IMAGING AND 1D MODEL. <i>Computational Thermal Sciences</i> , 2019, 11, 285-296.	0.5	2
25	Simultaneous 36â€™kHz PLIF/chemiluminescence imaging of fuel, CH ₂ O and combustion in a PPC engine. <i>Proceedings of the Combustion Institute</i> , 2019, 37, 4751-4758.	2.4	27
26	Characterization of pure and blended biodiesel spray in a compression ignition engine by means of advanced diagnostics and 1D model. <i>Fuel</i> , 2019, 239, 1102-1114.	3.4	14
27	N-heptane ignition delay time with temperature criterion for HCCI combustion. <i>Fuel</i> , 2018, 225, 483-489.	3.4	11
28	Evaluation of compression ratio and blow-by rates for spark ignition engines based on in-cylinder pressure trace analysis. <i>Energy Conversion and Management</i> , 2018, 162, 98-108.	4.4	23
29	Investigation on the effects of butanol and ethanol fueling on combustion and PM emissions in an optically accessible DISI engine. <i>Fuel</i> , 2018, 216, 121-141.	3.4	33
30	Nonlinear Systems and Circuits in Internal Combustion Engines. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018, , .	0.2	2
31	Diagnosis and Control of Engine Combustion Using Vibration Signals. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018, , 47-54.	0.2	0
32	Potential of thermal storage for hot potable water distribution in cruise ships. <i>Energy Procedia</i> , 2018, 148, 1105-1112.	1.8	11
33	Ultra-High Speed Fuel Tracer PLIF Imaging in a Heavy-Duty Optical PPC Engine. , 2018, , .		3
34	Evidence of sub-10â€™nm particles emitted from a small-size diesel engine. <i>Experimental Thermal and Fluid Science</i> , 2018, 95, 60-64.	1.5	15
35	Non-interfering Diagnostics for the Study of Thermo-Fluid Dynamic Processes. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018, , 21-32.	0.2	0
36	Identification and Compensation of Nonlinear Phenomena in Gasoline Direct Injection Process. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018, , 73-77.	0.2	0

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37	Artificial Intelligence for Modeling and Control of Nonlinear Phenomena in Internal Combustion Engines. SpringerBriefs in Applied Sciences and Technology, 2018, , 1-19.	0.2	2
38	Use of in-Cylinder Pressure and Learning Circuits for Engine Modeling and Control. SpringerBriefs in Applied Sciences and Technology, 2018, , 55-71.	0.2	0
39	Analysis of the effects of diesel/methane dual fuel combustion on nitrogen oxides and particle formation through optical investigation in a real engine. Fuel Processing Technology, 2017, 159, 200-210.	3.7	49
40	Optimization of the compressed natural gas direct injection in a small research spark ignition engine. International Journal of Engine Research, 2017, 18, 118-130.	1.4	6
41	Effects of natural gas composition on performance and regulated, greenhouse gas and particulate emissions in spark-ignition engines. Energy Conversion and Management, 2017, 143, 338-347.	4.4	53
42	Effects of lubricant oil on particulate emissions from port-fuel and direct-injection spark-ignition engines. International Journal of Engine Research, 2017, 18, 606-620.	1.4	41
43	Spectroscopic characterization of energy transfer and thermal conditions of the flame kernel in a spark ignition engine fueled with methane and hydrogen. International Journal of Hydrogen Energy, 2017, 42, 13276-13288.	3.8	22
44	Accelerometer measurement for MFB evaluation in multi-cylinder diesel engine. Energy, 2017, 133, 843-850.	4.5	19
45	Study about the link between injection strategy and knock onset in an optically accessible multi-cylinder GDI engine. Energy Conversion and Management, 2017, 134, 1-19.	4.4	52
46	Numerical model of spray combustion in a single cylinder diesel engine. AIP Conference Proceedings, 2017, , .	0.3	1
47	Biofuel effect on flame propagation and soot formation in a DISI engine. IOP Conference Series: Materials Science and Engineering, 2017, 252, 012092.	0.3	2
48	Correlation between Simulated Volume Fraction Burned Using a Quasi-Dimensional Model and Flame Area Measured in an Optically Accessible SI Engine. , 2017, , .		6
49	Experimental Investigations on the Sources of Particulate Emission within a Natural Gas Spark-Ignition Engine. , 2017, , .		10
50	Effect of Fuel Injection Strategy on the Carbonaceous Structure Formation and Nanoparticle Emission in a DISI Engine Fuelled with Butanol. Energies, 2017, 10, 832.	1.6	12
51	EVALUATION OF THE VAPORIZATION ENERGY OF A FUEL SPRAY IN A RESEARCH ENGINE USING INFRARED IMAGING AND 1D MODEL. , 2017, , .		2
52	EVALUATION OF THE VAPORIZATION ENERGY OF A FUEL SPRAY IN A RESEARCH ENGINE USING INFRARED IMAGING AND 1D MODEL. , 2017, , .		1
53	NUMERICAL INVESTIGATION OF ENGINE SPEED AND FUEL COMPOSITION EFFECTS ON CONVECTIVE HEAT TRANSFER IN A SPARK IGNITION ENGINE FUELLED WITH METHANE-HYDROGEN BLENDS. , 2017, , .		1
54	Experimental Analysis of O2 Addition on Engine Performance and Exhaust Emissions from a Small Displacement SI Engine. , 2016, , .		0

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55	Performance, Gaseous and Particle Emissions of a Small Compression Ignition Engine Operating in Diesel/Methane Dual Fuel Mode. , 2016, , .		6
56	Application of the optical flow method for the experimental analysis of turbulent flame propagation in a transparent engine. AIP Conference Proceedings, 2016, , .	0.3	3
57	Analysis of combustion phenomena and pollutant formation in a small compression ignition engine fuelled with blended and pure rapeseed methyl ester. Energy, 2016, 106, 618-630.	4.5	13
58	Analysis of the pilot injection running Common Rail strategies in a research diesel engine by means of infrared diagnostics and 1d model. Fuel, 2016, 178, 188-201.	3.4	20
59	Application of Independent Component Analysis for the Study of Flame Dynamics and Cyclic Variation in Spark Ignition Engines. Combustion Science and Technology, 2016, 188, 637-650.	1.2	2
60	Characterization of particle number and mass size distributions from a small compression ignition engine operating in diesel/methane dual fuel mode. Fuel, 2016, 180, 613-623.	3.4	27
61	Air-fuel mixing and combustion behavior of gasoline-ethanol blends in a GDI wall-guided turbocharged multi-cylinder optical engine. Renewable Energy, 2016, 96, 319-332.	4.3	45
62	Mixture preparation and combustion in a GDI engine under stoichiometric or lean charge: an experimental and numerical study on an optically accessible engine. Applied Energy, 2016, 180, 86-103.	5.1	47
63	Analysis of energy efficiency of methane and hydrogen-methane blends in a PFI/DI SI research engine. Energy, 2016, 117, 378-387.	4.5	34
64	Independent component analysis of cycle resolved combustion images from a spark ignition optical engine. Combustion and Flame, 2016, 163, 258-269.	2.8	17
65	Analysis of combustion of methane and hydrogen-methane blends in small DI SI (direct injection spark) Tj ETQq1,1 0.784314 rgBT	4.5	45
66	Optimization of a GDI engine operation in the absence of knocking through numerical 1D and 3D modeling. Advances in Engineering Software, 2016, 95, 38-50.	1.8	10
67	Diesel/Methane Dual Fuel Strategy to Improve Environmental Performance of Energy Power Systems. International Journal of Heat and Technology, 2016, 34, S581-S588.	0.3	8
68	In-cylinder Combustion Process Analysis of a Small Compression Ignition Engine Fuelled with Both Blended and Pure Biofuel. Energy Procedia, 2015, 66, 29-32.	1.8	1
69	Effects of Ethanol and Gasoline Blending and Dual Fueling on Engine Performance and Emissions.. , 2015, , .		8
70	Experimental Analysis of a Gasoline PFI-Methane DI Dual Fuel and an Air Assisted Combustion of a Transparent Small Displacement SI Engine. , 2015, , .		4
71	Using 2d Infrared Imaging for the Analysis of Non-Conventional Fuels Combustion in a Diesel Engine. SAE International Journal of Engines, 2015, 8, 1701-1715.	0.4	5
72	Experimental and Numerical Investigation of the Effect of Split Injections on the Performance of a GDI Engine Under Lean Operation. , 2015, , .		9

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73	Experimental Characterization of an Ethanol DI - Gasoline PFI and Gasoline DI - Gasoline PFI Dual Fuel Small Displacement SI Engine. , 2015, , .		8
74	Capturing Cyclic Variability in SI Engine with Group Independent Component Analysis. SAE International Journal of Engines, 2015, 8, 2042-2049.	0.4	1
75	Experimental and Numerical Investigation in a Turbocharged GDI Engine Under Knock Condition by Means of Conventional and Non-Conventional Methods. SAE International Journal of Engines, 2015, 8, 437-446.	0.4	14
76	Spectroscopic analysis of the phases of premixed combustion in a compression ignition engine fuelled with diesel and ethanol. Applied Energy, 2015, 143, 164-175.	5.1	22
77	Investigation of the combustion in both metal and optical diesel engines using high-glycerol ethers/diesel blends. International Journal of Engine Research, 2015, 16, 38-51.	1.4	13
78	Analysis of spray injection in a light duty CR diesel engine supported by non-conventional measurements. Fuel, 2015, 158, 512-522.	3.4	18
79	Effects of both blended and pure biodiesel on waste heat recovery potentiality and exhaust emissions of a small CI (compression ignition) engine. Energy, 2015, 86, 661-671.	4.5	16
80	A comprehensive analysis of the effect of ethanol, methane and methane-hydrogen blend on the combustion process in a PFI (port fuel injection) engine. Energy, 2015, 88, 101-110.	4.5	77
81	Effects of a biodiesel blend on energy distribution and exhaust emissions of a small CI engine. Energy Conversion and Management, 2015, 96, 72-80.	4.4	30
82	A comprehensive analysis of the impact of biofuels on the performance and emissions from compression and spark-ignition engines. International Journal of Engine Research, 2015, 16, 680-690.	1.4	10
83	CFD Modeling of a Mixed Mode Boosted GDI Engine and Performance Optimization for the Avoidance of Knocking. Advances in Intelligent Systems and Computing, 2015, , 195-215.	0.5	3
84	Characterization of Ethanol-Gasoline Blends Combustion processes and Particle Emissions in a GDI/PFI Small Engine. , 2014, , .		24
85	ANN-based Virtual Sensor for On-line Prediction of In-cylinder Pressure in a Diesel Engine. Computer Aided Chemical Engineering, 2014, 33, 763-768.	0.3	12
86	Experimental investigation on the combustion process in a spark ignition optically accessible engine fueled with methane/hydrogen blends. International Journal of Hydrogen Energy, 2014, 39, 9809-9823.	3.8	64
87	Evaluation of RME (rapeseed methyl ester) and mineral diesel fuels behaviour in quiescent vessel and EURO 5 engine. Energy, 2014, 77, 783-790.	4.5	10
88	IR digital imaging for analysing in-cylinder combustion process in transparent diesel engine. , 2014, , .		4
89	Spectroscopic techniques for the evaluation of the in-cylinder air fuel ratio in a small optical SI engine fueled with methane and hydrogen/methane blends. , 2014, , .		1
90	Ethanol effect as premixed fuel in dual-fuel CI engines: Experimental and numerical investigations. Applied Energy, 2014, 119, 394-404.	5.1	36

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91	Experimental investigation in an optically accessible diesel engine of a fouled piezoelectric injector. Energy, 2014, 64, 842-852.	4.5	22
92	Modeling and Performance Optimization of a Direct Injection Spark Ignition Engine for the Avoidance of Knocking. , 2014, , .		2
93	GTL (Gas To Liquid) and RME (Rapeseed Methyl Ester) combustion analysis in a transparent CI (compression ignition) engine by means of AIR (infrared) digital imaging. Energy, 2013, 58, 185-191.	4.5	13
94	An experimental comparison of n-Heptane, RME and diesel fuel on combustion characteristics in a compression ignition engine. Fuel Processing Technology, 2013, 107, 44-49.	3.7	12
95	Determination of combustion parameters using engine crankshaft speed. Mechanical Systems and Signal Processing, 2013, 38, 628-633.	4.4	43
96	Analysis of Diesel engine combustion using imaging and independent component analysis. Proceedings of the Combustion Institute, 2013, 34, 2921-2931.	2.4	19
97	Optical characterization of bio-ethanol injection and combustion in a small DISI engine for two wheels vehicles. Fuel, 2013, 106, 651-666.	3.4	35
98	Characterization of CH4 and CH4/H2 Mixtures Combustion in a Small Displacement Optical Engine. SAE International Journal of Fuels and Lubricants, 2013, 6, 24-33.	0.2	12
99	Coking Effect of Different FN Nozzles on Injection and Combustion in an Optically Accessible Diesel Engine. , 2013, , .		3
100	Investigation of Combustion Process in a Small Optically Accessible Two Stroke SI Engine. , 2013, , .		0
101	Characterization of Ethanol Blends Combustion Processes and Soot Formation in a GDI Optical Engine. , 2013, , .		23
102	Characterization of Soot Particles Produced in a Transparent Research CR DI Diesel Engine Operating with Conventional and Advanced Combustion Strategies. Aerosol Science and Technology, 2012, 46, 272-286.	1.5	3
103	Experimental Study of Injection and Combustion in a Diesel Engine for Heavy Quadricycle Use. , 2012, , .		0
104	Optical Characterization of Methane Combustion in a Four Stroke Engine for Two Wheel Application. , 2012, , .		3
105	Experimental and Numerical Investigation of the Idle Operating Engine Condition for a GDI Engine. , 2012, , .		8
106	Thermodynamic and optical characterizations of a high performance GDI engine operating in homogeneous and stratified charge mixture conditions fueled with gasoline and bio-ethanol. Fuel, 2012, 96, 204-219.	3.4	124
107	Premixed combustion of GTL and RME fuels in a single cylinder research engine. Applied Energy, 2012, 91, 385-394.	5.1	46
108	Investigating the origin of nuclei particles in GDI engine exhausts. Combustion and Flame, 2012, 159, 1687-1692.	2.8	72

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109	USE OF MINERAL DIESEL, FIRST-, AND SECOND-GENERATION BIODIESELS IN MODERN COMMON RAIL INJECTION SYSTEMS UNDER NONEVAPORATIVE AND EVAPORATIVE CONDITIONS. <i>Atomization and Sprays</i> , 2012, 22, 97-121.	0.3	2
110	Design for an Optically Accessible Multicylinder High Performance GDI Engine. , 2011, , .		9
111	Experimental and Numerical Investigation of the Idle Operating Engine Condition for a GDI Engine. , 2011, , .		9
112	Spectroscopic measurements of premixed combustion in diesel engine. <i>Fuel</i> , 2011, 90, 511-520.	3.4	30
113	First and second generation biodiesels spray characterization in a diesel engine. <i>Fuel</i> , 2011, 90, 2870-2883.	3.4	55
114	Instrumental and bio-monitoring of heavy metal and nanoparticle emissions from diesel engine exhaust in controlled environment. <i>Journal of Environmental Sciences</i> , 2010, 22, 1357-1363.	3.2	19
115	Optical investigation of the combustion behaviour inside the engine operating in HCCI mode and using alternative diesel fuel. <i>Experimental Thermal and Fluid Science</i> , 2010, 34, 346-351.	1.5	47
116	POD-based analysis of combustion images in optically accessible engines. <i>Combustion and Flame</i> , 2010, 157, 632-640.	2.8	59
117	Effect of the fuel injection strategy on the combustion process in a PFI boosted spark-ignition engine. <i>Energy</i> , 2010, 35, 1094-1100.	4.5	25
118	Alternative Diesel Fuels Characterization in Non-Evaporating and Evaporating Conditions for Diesel Engines. <i>SAE International Journal of Fuels and Lubricants</i> , 2010, 3, 219-228.	0.2	0
119	Analysis of flame kinematics and cycle variation in a Port Fuel Injection Spark Ignition Engine. <i>SAE International Journal of Engines</i> , 2009, 2, 443-451.	0.4	5
120	Knocking diagnostics in the combustion chamber of boosted port fuel injection spark ignition optical engine. <i>International Journal of Vehicle Design</i> , 2009, 49, 70.	0.1	11
121	Optical investigations of fuel deposition burning in ported fuel injection (PFI) spark-ignition (SI) engine. <i>Energy</i> , 2009, 34, 2108-2115.	4.5	16
122	Effect of fuel injection strategies on the combustion process in a PFI boosted SI engine. <i>International Journal of Automotive Technology</i> , 2009, 10, 545-553.	0.7	12
123	POD-based analysis of cycle-to-cycle variations in an optically accessible diesel engine. <i>Proceedings of the Combustion Institute</i> , 2009, 32, 2809-2816.	2.4	43
124	Reconstruction of flame kinematics and analysis of cycle variation in a Spark Ignition Engine by means of Proper Orthogonal Decomposition. <i>Computer Aided Chemical Engineering</i> , 2009, 26, 1039-1043.	0.3	1
125	Study of the multi-injection combustion process in a transparent direct injection common rail diesel engine by means of optical techniques. <i>International Journal of Engine Research</i> , 2008, 9, 483-498.	1.4	60
126	Multidimensional modelling of diesel combustion by a detailed kinetic scheme and comparison with in-cylinder optical measurements. <i>International Journal of Vehicle Design</i> , 2007, 45, 100.	0.1	2

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127	Knock investigation by flame and radical species detection in spark ignition engine for different fuels. Energy Conversion and Management, 2007, 48, 2897-2910.	4.4	74
128	Radical species in the cool-flame regime of diesel combustion: a comparative numerical and experimental study. Experiments in Fluids, 2005, 39, 514-526.	1.1	14
129	Numerical Simulations by Detailed Chemistry and Experimental Measurements of Diesel Combustion in a Light Duty Common Rail Direct Injection Engine. , 2005, , .		0
130	Multiwavelength ultraviolet absorption spectroscopy of NO and OH radical concentration applied to a high-swirl diesel-like system. Experimental Thermal and Fluid Science, 2004, 28, 355-367.	1.5	14
131	Evaluation of temporal and spatial distribution of nanometric particles in a diesel engine by broadband optical techniques. International Journal of Engine Research, 2002, 3, 93-101.	1.4	6
132	Spectroscopic analysis and modeling of particulate formation in a diesel engine. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 73, 443-450.	1.1	16
133	Determination of Size of Fuel Droplets and Soot Particles in a Diesel Engine by Broadband Extinction and Scattering Spectroscopy. Particle and Particle Systems Characterization, 2001, 18, 235-242.	1.2	5
134	Experimental and modeling study of particulate formation in high-pressure diesel-like conditions. Proceedings of the Combustion Institute, 2000, 28, 1241-1247.	2.4	5
135	Fuel composition effects on particulate formation in a divided chamber diesel system. Experimental Thermal and Fluid Science, 2000, 21, 142-149.	1.5	10
136	Optical Diagnostics of Temporal and Spatial Evolution of a Reacting Diesel Fuel Jet. Combustion Science and Technology, 1999, 148, 1-16.	1.2	20
137	Spectral extinction measurements of spray combustion in a divided-chamber diesel engine system. Proceedings of the Combustion Institute, 1996, 26, 2533-2540.	0.3	11
138	Optical and Radiative Properties of Particulates at Diesel Engine Exhaust. Combustion Science and Technology, 1994, 102, 283-299.	1.2	21
139	Fluid-Dynamic Investigation and Optical Characterization of Particulate to Reduce Diesel Emissions. Combustion Science and Technology, 1993, 93, 291-304.	1.2	1
140	In situ evaluation of the soot refractive index in the UV-visible from the measurement of the scattering and extinction coefficients in rich flames. Combustion and Flame, 1990, 79, 259-271.	2.8	62
141	Two Dimensional Analysis of Diesel Combustion by Spectral Flame Emissivity Measurements. , 0, , .		5
142	Effect of Injection Phasing on Valves and Chamber Fuel Deposition Burning in a PFI Boosted Spark-Ignition Engine. SAE International Journal of Fuels and Lubricants, 0, 1, 192-200.	0.2	13
143	Use of Accelerometers for Spark Advance Control of SI Engines. SAE International Journal of Engines, 0, 2, 971-981.	0.4	18
144	Spectroscopic Investigations and High Resolution Visualization of the Combustion Phenomena in a Boosted PFI SI Engine. SAE International Journal of Engines, 0, 2, 1617-1629.	0.4	6

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145	Effect of the Engine Head Geometry on the Combustion Process in a PFI Boosted Spark-ignition Engine. SAE International Journal of Engines, 0, 2, 289-297.	0.4	0
146	Optical Investigations of the Abnormal Combustion in a Boosted Spark-ignition PFI Engine. SAE International Journal of Engines, 0, 2, 632-644.	0.4	6
147	Alternative Diesel Fuels Effects on Combustion and Emissions of an Euro4 Automotive Diesel Engine. SAE International Journal of Engines, 0, 2, 542-561.	0.4	22
148	Diagnosis and Control of Advanced Diesel Combustions using Engine Vibration Signal. , 0, , .		14
149	Particle Size Distributions from a DI High Performance SI Engine Fuelled with Gasoline-Ethanol Blended Fuels. , 0, , .		30
150	Influence of the Injection Pressure on the Combustion Performance and Emissions of Small GDI Engine Fuelled with Bio-Ethanol. , 0, , .		3
151	UV-Visible Spectroscopic Measurements of Dual-Fuel PCCI Engine. SAE International Journal of Fuels and Lubricants, 0, 4, 271-281.	0.2	11
152	Use of Renewable Oxygenated Fuels in Order to Reduce Particle Emissions from a GDI High Performance Engine. , 0, , .		17
153	Spray Formation and Combustion Analysis in an Optical Single Cylinder Engine Operating with Fresh and Aged Biodiesel. SAE International Journal of Engines, 0, 4, 1963-1977.	0.4	9
154	IR Imaging of Premixed Combustion in a Transparent Euro5 Diesel Engine. , 0, , .		3
155	Reconstruction of In-Cylinder Pressure in a Diesel Engine from Vibration Signal Using a RBF Neural Network Model. , 0, , .		20
156	Non-Intrusive Investigation in a Small GDI Optical Engine Fuelled with Gasoline and Ethanol. SAE International Journal of Engines, 0, 4, 50-66.	0.4	27
157	Investigation of Diesel Injector Nozzle Flow Number Impact on Spray Formation and Combustion Evolution by Optical Diagnostics. , 0, , .		4
158	UV-Visible Imaging of PCCI Engine Running with Ethanol/Diesel Fuel. , 0, , .		11
159	Full-Cycle CFD Modeling of Air/Fuel Mixing Process in an Optically Accessible GDI Engine. SAE International Journal of Engines, 0, 6, 1610-1625.	0.4	17
160	Towards On-Line Prediction of the In-Cylinder Pressure in Diesel Engines from Engine Vibration Using Artificial Neural Networks. , 0, , .		9
161	Study of E10 and E85 Effect on Air Fuel Mixing and Combustion Process in Optical Multicylinder GDI Engine and in a Spray Imaging Chamber. , 0, , .		7
162	Optical Investigation of Injection and Combustion Phases of a Fouled Piezoelectric Injector in a Transparent CR Diesel Engine. , 0, , .		1

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163	Assessment of a New Quasi-Dimensional Multizone Combustion Model for the Spray and Soot Formation Analysis in an Optical Single Cylinder Diesel Engine. SAE International Journal of Engines, 0, 6, 1677-1693.	0.4	6
164	Characterization of PCCI Combustion in a Single Cylinder CI Engine Fuelled with RME and Bio-Ethanol. , 0, , .		6
165	Dynamic Analysis of Emission Spectra in HCCI Combustion. , 0, , .		0
166	Experimental Investigation of a Methane-Gasoline Dual-Fuel Combustion in a Small Displacement Optical Engine. , 0, , .		23
167	Study on Spray Injection and Combustion of Fouled and Cleaned Injectors by Means of 2-D Digital Imaging in a Transparent CR Diesel Engine. , 0, , .		4
168	Independent Component Analysis of Combustion Images in Optically Accessible Gasoline and Diesel Engines. , 0, , .		4
169	Engine Performance and Emissions of a Small Diesel Engine Fueled with Various Diesel/RME Blends. , 0, , .		7
170	Comparison of Spray Characteristics Measured in an Optical Single Cylinder Diesel Engine with 1D Model. , 0, , .		9
171	Investigation of Ethanol-Gasoline Dual Fuel Combustion on the Performance and Exhaust Emissions of a Small SI Engine. , 0, , .		9
172	Ethanol Addition Influence on Backfire Phenomena during Kickback in a Spark-Ignition Transparent Small Engine. , 0, , .		0
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