Evatt R Hawkes

List of Publications by Year
in descending order

148 papers	6,549 citations	61984 43 h-index	79698 73 g-index
149 all docs	149 docs citations	149 times ranked	2588 citing authors

#	Article	IF	Citations
1	A parametric study of autoigniting hydrogen jets under compression-ignition engine conditions. International Journal of Hydrogen Energy, 2022, 47, 21307-21322.	7.1	7
2	A mixing timescale model for differential mixing in transported probability density function simulations of turbulent non-premixed flames. Physics of Fluids, 2022, 34, 067122.	4.0	4
3	Assessment of critical species for differential mixing in transported PDF simulations of a non-premixed ethylene DNS flame. Combustion and Flame, 2022, 244, 112240.	5.2	2
4	Turbulence/flame/wall interactions in non-premixed inclined slot-jet flames impinging at a wall using direct numerical simulation. Proceedings of the Combustion Institute, 2021, 38, 2711-2720.	3.9	8
5	Turbulence, evaporation and combustion interactions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si19.svg"><mml:mi>n</mml:mi></mml:math>-heptane droplets under high pressure conditions using DNS. Combustion and Flame, 2021, 225, 417-427.	5.2	16
6	An evaluation of gas-phase micro-mixing models with differential mixing timescales in transported PDF simulations of sooting flame DNS. Proceedings of the Combustion Institute, 2021, 38, 2731-2739.	3.9	15
7	LES/PDF modelling of a one-meter diameter methane fire plume. Proceedings of the Combustion Institute, 2021, 38, 4943-4951.	3.9	3
8	Performance and emissions of hydrogen-diesel dual direct injection (H2DDI) in a single-cylinder compression-ignition engine. International Journal of Hydrogen Energy, 2021, 46, 1302-1314.	7.1	57
9	An a priori evaluation of a principal component and artificial neural network based combustion model in diesel engine conditions. Proceedings of the Combustion Institute, 2021, 38, 2701-2709.	3.9	13
10	A priori analysis of a power-law mixing model for transported PDF model based on high Karlovitz turbulent premixed DNS flames. Proceedings of the Combustion Institute, 2021, 38, 2917-2927.	3.9	7
11	A priori examination of reduced chemistry models derived from canonical stirred reactors using three-dimensional direct numerical simulation datasets. , 2021, , .		1
12	2-D and 3-D measurements of flame stretch and turbulenceâ€“flame interactions in turbulent premixed flames using DNS. Journal of Fluid Mechanics, 2021, 913, .	3.4	11
13	Direct numerical simulation of turbulent boundary layer premixed combustion under auto-ignitive conditions. Combustion and Flame, 2021, 228, 292-301.	5.2	15
14	Ignition and flame stabilisation of primary reference fuel sprays at engine-relevant conditions. Combustion and Flame, 2021, 233, 111620.	5.2	11
15	Premixed flames subjected to extreme turbulence: Some questions and recent answers. Progress in Energy and Combustion Science, 2020, 76, 100802.	31.2	118
16	Flame Annihilation Displacement Speed and Stretch Rate in Turbulent Premixed Flames. Flow, Turbulence and Combustion, 2020, 104, 977-996.	2.6	4
17	Visualization of hydrogen jet evolution and combustion under simulated direct-injection compression-ignition engine conditions. International Journal of Hydrogen Energy, 2020, 45, 32562-32578.	7.1	27
18	Direct numerical simulation of a spatially developing n-dodecane jet flame under Spray A thermochemical conditions: Flame structure and stabilisation mechanism. Combustion and Flame, 2020, 217, 57-76.	5.2	29

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19	A DNS evaluation of mixing and evaporation models for TPDF modelling of nonpremixed spray flames. Proceedings of the Combustion Institute, 2019, 37, 3363-3372.	3.9	11
20	Application of a multiple mapping conditioning mixing model to ECN Spray A. Proceedings of the Combustion Institute, 2019, 37, 3263-3270.	3.9	17
21	Wall-impinging laminar premixed n-dodecane flames under autoignitive conditions. Proceedings of the Combustion Institute, 2019, 37, 1647-1654.	3.9	6
22	Large eddy simulation/dynamic thickened flame modeling of a high Karlovitz number turbulent premixed jet flame. Proceedings of the Combustion Institute, 2019, 37, 2555-2563.	3.9	38
23	Structure and propagation of two-dimensional, partially premixed, laminar flames in diesel engine conditions. Proceedings of the Combustion Institute, 2019, 37, 1961-1969.	3.9	13
24	Regimes of premixed turbulent spontaneous ignition and deflagration under gas-turbine reheat combustion conditions. Combustion and Flame, 2019, 208, 402-419.	5.2	24
25	Assessment of artificial fluid properties for high-order accurate large-eddy simulations of shock-free compressible turbulent flows with strong temperature gradients. Computers and Fluids, 2019, 190, 274-293.	2.5	0
26	Application of LED-based thermographic phosphorescent technique to diesel combustion chamber walls in a pre-burn-type optical constant-volume vessel. Experiments in Fluids, 2019, 60, 1.	2.4	8
27	Direct numerical simulations of rich premixed turbulent n-dodecane/air flames at diesel engine conditions. Proceedings of the Combustion Institute, 2019, 37, 4655-4662.	3.9	18
28	A parametric study of ignition dynamics at ECN Spray A thermochemical conditions using 2D DNS. Proceedings of the Combustion Institute, 2019, 37, 4787-4795.	3.9	33
29	Performance assessment of flamelet models in flame-resolved LES of a high Karlovitz methane/air stratified premixed jet flame. Proceedings of the Combustion Institute, 2019, 37, 2545-2553.	3.9	14
30	Micromixing Models for PDF Simulations of Turbulent Premixed Flames. Combustion Science and Technology, 2019, 191, 1430-1455.	2.3	16
31	Direct numerical simulation of a high Ka CH4/air stratified premixed jet flame. Combustion and Flame, 2018, 193, 229-245.	5.2	48
32	A comparison of high-temperature reaction and soot processes of conventional diesel and methyl decanoate. Fuel, 2018, 226, 635-643.	6.4	10
33	A stochastic multiple mapping conditioning computational model in OpenFOAM for turbulent combustion. Computers and Fluids, 2018, 172, 410-425.	2.5	36
34	Sound generation by turbulent premixed flames. Journal of Fluid Mechanics, 2018, 843, 29-52.	3.4	30
35	Combustion characterization of waste cooking oil and canola oil based biodiesels under simulated engine conditions. Fuel, 2018, 224, 167-177.	6.4	44
36	A Conditional Moment Closure Study of Chemical Reaction Source Terms in SCCI Combustion. Flow, Turbulence and Combustion, 2018, 100, 93-118.	2.6	4

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37	The structure and propagation of laminar flames under autoignitive conditions. Combustion and Flame, 2018, 188, 399-411.	5.2	90
38	Low-temperature chemistry in n-heptane/air premixed turbulent flames. Combustion and Flame, 2018, 196, 71-84.	5.2	21
39	Assessment of chemical scalars for heat release rate measurement in highly turbulent premixed combustion including experimental factors. Combustion and Flame, 2018, 194, 485-506.	5.2	19
40	Spray and Combustion Investigation of Post Injections under Low-Temperature Combustion Conditions with Biodiesel. Energy & Fuels, 2018, 32, 8727-8742.	5.1	31
41	Soot formation modelling for n-dodecane sprays using the transported PDF model. Combustion and Flame, 2018, 192, 101-119.	5.2	40
42	Influence of turbulent fluctuations on radiation heat transfer, NO and soot formation under ECN Spray A conditions. Proceedings of the Combustion Institute, 2017, 36, 3551-3558.	3.9	26
43	Modeling combustion under engine combustion network Spray A conditions with multiple injections using the transported probability density function method. International Journal of Engine Research, 2017, 18, 6-14.	2.3	26
44	Direct numerical simulations of a high Karlovitz number laboratory premixed jet flame â€“ an analysis of flame stretch and flame thickening. Journal of Fluid Mechanics, 2017, 815, 511-536.	3.4	114
45	Design and indoor testing of a compact optical concentrator. Optical Engineering, 2017, 56, 015102.	1.0	2
46	A mixing timescale model for TPDF simulations of turbulent premixed flames. Combustion and Flame, 2017, 177, 171-183.	5.2	27
47	A multiple mapping conditioning mixing model with a mixture-fraction like reference variable. Part 1: Model derivation and ideal flow test cases. Combustion and Flame, 2017, 181, 342-353.	5.2	14
48	A multiple mapping conditioning mixing model with a mixture-fraction like reference variable. Part 2: RANS implementation and validation against a turbulent jet flame. Combustion and Flame, 2017, 181, 354-364.	5.2	14
49	Examination of the effect of differential molecular diffusion in DNS of turbulent non-premixed flames. International Journal of Hydrogen Energy, 2017, 42, 11879-11892.	7.1	16
50	A direct numerical simulation study of flame structure and stabilization of an experimental high Ka CH4/air premixed jet flame. Combustion and Flame, 2017, 180, 110-123.	5.2	61
51	A direct numerical simulation of cool-flame affected autoignition in diesel engine-relevant conditions. Proceedings of the Combustion Institute, 2017, 36, 3567-3575.	3.9	70
52	Flame thickness and conditional scalar dissipation rate in a premixed temporal turbulent reacting jet. Combustion and Flame, 2017, 184, 273-285.	5.2	28
53	Two-stage autoignition and edge flames in a high pressure turbulent jet. Journal of Fluid Mechanics, 2017, 824, 5-41.	3.4	51
54	Local extinction and reignition mechanism in a turbulent lifted flame: A direct numerical simulation study. Proceedings of the Combustion Institute, 2017, 36, 1685-1692.	3.9	11

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55	A comparison between direct numerical simulation and experiment of the turbulent burning velocity-related statistics in a turbulent methane-air premixed jet flame at high Karlovitz number. Proceedings of the Combustion Institute, 2017, 36, 2045-2053.	3.9	80
56	Doubly conditional moment closure modelling for HCCI with temperature inhomogeneities. Proceedings of the Combustion Institute, 2017, 36, 3677-3685.	3.9	13
57	Performance of transported PDF mixing models in a turbulent premixed flame. Proceedings of the Combustion Institute, 2017, 36, 1987-1995.	3.9	30
58	Effect of jetâ€“jet interactions on soot formation in a small-bore diesel engine. Proceedings of the Combustion Institute, 2017, 36, 3559-3566.	3.9	20
59	Turbulence-flame interactions in DNS of a laboratory high Karlovitz premixed turbulent jet flame. Physics of Fluids, 2016, 28, .	4.0	60
60	Effect of intake air temperature and common-rail pressure on ethanol combustion in a single-cylinder light-duty diesel engine. Fuel, 2016, 180, 9-19.	6.4	44
61	An analysis of the structure of an n-dodecane spray flame using TPDF modelling. Combustion and Flame, 2016, 168, 420-435.	5.2	82
62	Automated determination of size and morphology information from soot transmission electron microscope (TEM)-generated images. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	30
63	Characterisation of two-stage ignition in diesel engine-relevant thermochemical conditions using direct numerical simulation. Combustion and Flame, 2016, 172, 326-341.	5.2	63
64	Modeling turbulenceâ€“chemistry interaction in lean premixed hydrogen flames with a strained flamelet model. Combustion and Flame, 2016, 174, 194-207.	5.2	18
65	One-Dimensional Modeling of Turbulent Premixed Jet Flames - Comparison to DNS. Flow, Turbulence and Combustion, 2016, 97, 913-930.	2.6	6
66	Edge flame structure in a turbulent lifted flame: A direct numerical simulation study. Combustion and Flame, 2016, 169, 110-128.	5.2	40
67	The development of hydroxyl and soot in a methyl decanoate-fuelled automotive-size optical diesel engine. Fuel, 2016, 166, 320-332.	6.4	39
68	External irradiation effect on the growth and evolution of in-flame soot species. Carbon, 2016, 102, 161-171.	10.3	20
69	Dependency of engine combustion on blending ratio variations of lipase-catalysed coconut oil biodiesel and petroleum diesel. Fuel, 2016, 169, 146-157.	6.4	33
70	Mechanisms of flame stabilisation at low lifted height in a turbulent lifted slot-jet flame. Journal of Fluid Mechanics, 2015, 777, 633-689.	3.4	49
71	Soot Formation Modelling of Spray-A Using a Transported PDF Approach. , 2015, , .		5
72	Laser Enhanced Hydrogen Passivation of Silicon Wafers. International Journal of Photoenergy, 2015, 2015, 1-13.	2.5	30

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73	A Comparative Study of Conditional Moment Closure Modelling for Ignition of iso-octane and n-heptane in Thermally Stratified Mixtures. Flow, Turbulence and Combustion, 2015, 95, 1-28.	2.6	23
74	Diode laser annealing of CZTS thin film solar cells. , 2015, , .		2
75	Modelling n-dodecane spray and combustion with the transported probability density function method. Combustion and Flame, 2015, 162, 2006-2019.	5.2	118
76	Spectral splitting strategy and optical model for the development of a concentrating hybrid PV/T collector. Applied Energy, 2015, 141, 238-246.	10.1	119
77	A new optical concentrator design and analysis for rooftop solar applications. Proceedings of SPIE, 2015, , .	0.8	4
78	Response of flame thickness and propagation speed under intense turbulence in spatially developing lean premixed methaneâ€“air jet flames. Combustion and Flame, 2015, 162, 3294-3306.	5.2	72
79	Conditional moment closure modelling for HCCI with temperature inhomogeneities. Proceedings of the Combustion Institute, 2015, 35, 3087-3095.	3.9	20
80	Polybrachial structures in dimethyl ether edge-flames at negative temperature coefficient conditions. Proceedings of the Combustion Institute, 2015, 35, 999-1006.	3.9	62
81	Ignition in compositionally and thermally stratified n-heptane/air mixtures: A direct numerical simulation study. Proceedings of the Combustion Institute, 2015, 35, 3027-3035.	3.9	34
82	Sound generation by premixed flame annihilation with full and simple chemistry. Proceedings of the Combustion Institute, 2015, 35, 3317-3325.	3.9	11
83	The planar imaging of laser induced fluorescence of fuel and hydroxyl for a wall-interacting jet in a single-cylinder, automotive-size, optically accessible diesel engine. Fuel, 2015, 140, 143-155.	6.4	44
84	NUMERICAL INVESTIGATION OF A STRATIFIED CHARGE COMPRESSION IGNITION ENGINE WITH LATE INJECTION UNDER LOW-LOAD NONCOMBUSTING CONDITIONS. Atomization and Sprays, 2015, 25, 255-284.	0.8	0
85	Analysis and Testing of a Portable Thermal Battery. Journal of Thermal Science and Engineering Applications, 2014, 6, .	1.5	10
86	On velocity and reactive scalar spectra in turbulent premixed flames. Journal of Fluid Mechanics, 2014, 754, 456-487.	3.4	59
87	Effect of Ethanol Port-Fuel-Injector Position on Dual-Fuel Combustion in an Automotive-Size Diesel Engine. Energy & Fuels, 2014, 28, 340-348.	5.1	23
88	Experimental testing of SiN x /SiO 2 thin film filters for a concentrating solar hybrid PV/T collector. Renewable Energy, 2014, 72, 79-87.	8.9	77
89	A comparative study of sound generation by laminar, combusting and non-combusting jet flows. Theoretical and Computational Fluid Dynamics, 2014, 28, 385-408.	2.2	16
90	A DNS evaluation of mixing models for transported PDF modelling of turbulent nonpremixed flames. Combustion and Flame, 2014, 161, 2085-2106.	5.2	35

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91	The shortening of lift-off length associated with jetâ€“wall and jetâ€“jet interaction in a small-bore optical diesel engine. Fuel, 2014, 125, 1-14.	6.4	31
92	Determination of three-dimensional quantities related to scalar dissipation rate and its transport from two-dimensional measurements: Direct Numerical Simulation based validation. Proceedings of the Combustion Institute, 2013, 34, 1151-1162.	3.9	36
93	A direct numerical simulation study of frequency and Lewis number effects on sound generation by two-dimensional forced laminar premixed flames. Proceedings of the Combustion Institute, 2013, 34, 1093-1100.	3.9	19
94	Imaging diagnostics of ethanol port fuel injection sprays for automobile engine applications. Applied Thermal Engineering, 2013, 52, 24-37.	6.0	26
95	LES of a premixed jet flame DNS using a strained flamelet model. Combustion and Flame, 2013, 160, 2911-2927.	5.2	54
96	On the fractal characteristics of low DamkÃ¶hler number flames. Combustion and Flame, 2013, 160, 2422-2433.	5.2	60
97	Transported probability density function modelling of the vapour phase of an n-heptane jet at diesel engine conditions. Proceedings of the Combustion Institute, 2013, 34, 3039-3047.	3.9	88
98	A Comprehensive Study of Effects of Mixing and Chemical Kinetic Models on Predictions of n-heptane Jet Ignitions with the PDF Method. Flow, Turbulence and Combustion, 2013, 91, 249-280.	2.6	70
99	Ethanol utilisation in a diesel engine using dual-fuelling technology. Fuel, 2013, 109, 597-607.	6.4	105
100	A numerical study of the autoignition of dimethyl ether with temperature inhomogeneities. Proceedings of the Combustion Institute, 2013, 34, 803-812.	3.9	32
101	Beam Splitting System for the Development of a Concentrating Linear Fresnel Solar Hybrid PV/T Collector. , 2013, , .		15
102	Modeling and Testing of a Portable Thermal Battery. , 2013, , .		0
103	Feasibility of nanofluid-based optical filters. Applied Optics, 2013, 52, 1413.	1.8	108
104	A petascale direct numerical simulation study of the modelling of flame wrinkling for large-eddy simulations in intense turbulence. Combustion and Flame, 2012, 159, 2690-2703.	5.2	145
105	On the potential of ethanol fuel stratification to extend the high load limit in stratified-charge compression-ignition engines. Fuel, 2012, 99, 45-54.	6.4	43
106	Disturbance energy transport and sound production in gaseous combustion. Journal of Fluid Mechanics, 2012, 707, 53-73.	3.4	46
107	Effect of Pilot Injection on Diesel Knock in a Small-Bore Optical Engine. , 2012, , .		6
108	A parametric study of sound generation by premixed laminar flame annihilation. Combustion and Flame, 2012, 159, 757-769.	5.2	27

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109	Feature-Based Statistical Analysis of Combustion Simulation Data. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 1822-1831.	4.4	33
110	Sound generation by laminar premixed flame annihilation. Journal of Fluid Mechanics, 2011, 679, 194-218.	3.4	37
111	An algorithm for LES of premixed compressible flows using the Conditional Moment Closure model. Journal of Computational Physics, 2011, 230, 7687-7705.	3.8	43
112	Estimates of the three-dimensional flame surface density and every term in its transport equation from two-dimensional measurements. Proceedings of the Combustion Institute, 2011, 33, 1447-1454.	3.9	40
113	An evaluation of the one-dimensional turbulence model: Comparison with direct numerical simulations of CO/H2 jets with extinction and reignition. Proceedings of the Combustion Institute, 2011, 33, 1515-1522.	3.9	45
114	Flame edge statistics in turbulent combustion. Proceedings of the Combustion Institute, 2011, 33, 1439-1446.	3.9	9
115	Determination of 3D flame surface density variables from 2D measurements: Validation using direct numerical simulation. Physics of Fluids, 2011, 23, 065113.	4.0	15
116	Topological Feature Extraction for Comparison of Terascale Combustion Simulation Data. Mathematics and Visualization, 2011, , 229-240.	0.6	19
117	EFFECT OF ETHANOL AND AMBIENT PRESSURE ON PORT-FUEL-INJECTION SPRAYS IN AN OPTICALLY ACCESSIBLE INTAKE CHAMBER. Atomization and Sprays, 2011, 21, 427-445.	0.8	11
118	Estimation of three-dimensional flame surface densities from planar images in turbulent premixed combustion. Experiments in Fluids, 2010, 49, 267-278.	2.4	42
119	Large eddy simulation of extinction and reignition with artificial neural networks based chemical kinetics. Combustion and Flame, 2010, 157, 566-578.	5.2	77
120	Turbulent flameâ€“wall interaction: a direct numerical simulation study. Journal of Fluid Mechanics, 2010, 658, 5-32.	3.4	181
121	Differential diffusion effects during the ignition of a thermally stratified premixed hydrogenâ€“air mixture subject to turbulence. Proceedings of the Combustion Institute, 2009, 32, 1465-1472.	3.9	24
122	An analysis of lower-dimensional approximations to the scalar dissipation rate using direct numerical simulations of plane jet flames. Proceedings of the Combustion Institute, 2009, 32, 1455-1463.	3.9	33
123	Probability density function treatment of turbulence/chemistry interactions during the ignition of a temperature-stratified mixture for application to HCCI engine modeling. Combustion and Flame, 2008, 155, 571-584.	5.2	18
124	The effects of strain rate and curvature on surface density function transport in turbulent premixed methaneâ€“air and hydrogenâ€“air flames: A comparative study. Combustion and Flame, 2008, 154, 259-280.	5.2	81
125	Visualizing Multivariate Volume Data from Turbulent Combustion Simulations. Computing in Science and Engineering, 2007, 9, 76-83.	1.2	35
126	Flamelet-based modeling of auto-ignition with thermal inhomogeneities for application to HCCI engines. Proceedings of the Combustion Institute, 2007, 31, 2903-2911.	3.9	46

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127	Structure of a spatially developing turbulent lean methaneâ€“air Bunsen flame. Proceedings of the Combustion Institute, 2007, 31, 1291-1298.	3.9	329
128	Scalar mixing in direct numerical simulations of temporally evolving plane jet flames with skeletal CO/H2 kinetics. Proceedings of the Combustion Institute, 2007, 31, 1633-1640.	3.9	192
129	Comparison of direct numerical simulation of lean premixed methaneâ€“air flames with strained laminar flame calculations. Combustion and Flame, 2006, 144, 112-125.	5.2	114
130	Direct numerical simulation of ignition front propagation in a constant volume with temperature inhomogeneities. Combustion and Flame, 2006, 145, 128-144.	5.2	189
131	Direct numerical simulation of ignition front propagation in a constant volume with temperature inhomogeneities. Combustion and Flame, 2006, 145, 145-159.	5.2	115
132	Direct numerical simulations of turbulent lean premixed combustion. Journal of Physics: Conference Series, 2006, 46, 38-42.	0.4	44
133	Direct numerical simulation of turbulent combustion: fundamental insights towards predictive models. Journal of Physics: Conference Series, 2005, 16, 65-79.	0.4	88
134	The effects of non-uniform temperature distribution on the ignition of a lean homogeneous hydrogenâ€“air mixture. Proceedings of the Combustion Institute, 2005, 30, 875-882.	3.9	157
135	Evaluation of models for flame stretch due to curvature in the thin reaction zones regime. Proceedings of the Combustion Institute, 2005, 30, 647-655.	3.9	63
136	Direct numerical simulation of hydrogen-enriched lean premixed methaneâ€“air flames. Combustion and Flame, 2004, 138, 242-258.	5.2	246
137	Physical and numerical realizability requirements for flame surface density approaches. Combustion Theory and Modelling, 2001, 5, 699-720.	1.9	35
138	Implications of a flame surface density approach to large eddy simulation of premixed turbulent combustion. Combustion and Flame, 2001, 126, 1617-1629.	5.2	149
139	A flame surface density approach to large-eddy simulation of premixed turbulent combustion. Proceedings of the Combustion Institute, 2000, 28, 51-58.	3.9	177
140	Z-type Schlieren Setup and its Application to High-Speed Imaging of Gasoline Sprays. , 0, , .		15
141	Spray Penetrations of Ethanol, Gasoline and Iso-Octane in an Optically Accessible Spark-Ignition Direct-Injection Engine. SAE International Journal of Fuels and Lubricants, 0, 7, 1010-1026.	0.2	26
142	A Numerical Study of the Influence of Different Operating Conditions on the Combustion Development in an Automotive-Size Diesel Engine. , 0, , .		5
143	A Comparative Analysis on Engine Performance of a Conventional Diesel Fuel and 10% Biodiesel Blends Produced from Coconut Oils. SAE International Journal of Fuels and Lubricants, 0, 8, 597-609.	0.2	17
144	A Progress Review on Soot Experiments and Modeling in the Engine Combustion Network (ECN). SAE International Journal of Engines, 0, 9, 883-898.	0.4	58

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145	Double Injection Strategies for Ethanol-Fuelled Gasoline Compression Ignition (GCI) Combustion in a Single-Cylinder Light-Duty Diesel Engine. , 0, , .		18
146	Multiple Injection Strategy Investigation for Well-Mixed Operation in an Optical Wall-Guided Spark-Ignition Direct-Injection (WG-SIDI) Engine through Flame Shape Analysis. , 0, , .		7
147	Assessing the Importance of Radiative Heat Transfer for ECN Spray A Using the Transported PDF Method. SAE International Journal of Fuels and Lubricants, 0, 9, 100-107.	0.2	11
148	Influence of Injection Timing for Split-Injection Strategies on Well-Mixed High-Load Combustion Performance in an Optically Accessible Spark-Ignition Direct-Injection (SIDI) Engine. , 0, , .		16