

Priybrat Sharma

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

277
citations

10
h-index

16
g-index

20
ext. papers

424
ext. citations

5
avg, IF

4.33
L-index

#	Paper	IF	Citations
19	Study on the effects of narrow-throat pre-chamber geometry on the pre-chamber jet velocity using dual formaldehyde PLIF imaging. <i>Combustion and Flame</i> , 2022 , 240, 111987	5.3	2
18	Computational study of diesel injection strategies for methane-diesel dual fuel engine. <i>Cleaner Engineering and Technology</i> , 2022 , 6, 100393	2.7	0
17	A Pathway to Ultra-Lean IC Engine Combustion: The Narrow Throat Pre-chamber. <i>Energy, Environment, and Sustainability</i> , 2022 , 175-203	0.8	0
16	Optical diagnostics on the pre-chamber jet and main chamber ignition in the active pre-chamber combustion (PCC). <i>Combustion and Flame</i> , 2021 , 228, 218-235	5.3	17
15	Impact of spray-wall interaction on the in-cylinder spatial unburned hydrocarbon distribution of a gasoline partially premixed combustion engine. <i>Combustion and Flame</i> , 2020 , 215, 157-168	5.3	13
14	Effect of methane augmentations on engine performance and emissions. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 429-439	6.1	7
13	Effect of methane augmentation on combustion stability and unregulated emissions in compression ignition engine. <i>Fuel</i> , 2020 , 263, 116672	7.1	10
12	Effect of hydrogen fumigation on combustion stability and unregulated emissions in a diesel fuelled compression ignition engine. <i>Applied Energy</i> , 2019 , 253, 113620	10.7	18
11	Computational investigation of diesel injection strategies in hydrogen-diesel dual fuel engine. <i>Sustainable Energy Technologies and Assessments</i> , 2019 , 36, 100543	4.7	10
10	Experimental study of engine performance and emissions for hydrogen diesel dual fuel engine with exhaust gas recirculation. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 12163-12175	6.7	39
9	Combustion, vibration and noise analysis of hydrogen-diesel dual fuelled engine. <i>Fuel</i> , 2019 , 241, 488-494	4.1	35
8	Particulate Emissions from Hydrogen Diesel Fuelled CI Engines. <i>Energy, Environment, and Sustainability</i> , 2019 , 199-211	0.8	2
7	Effect of hydrogen supplementation on engine performance and emissions. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 7570-7580	6.7	60
6	Compression ratio influence on combustion and emissions characteristic of hydrogen diesel dual fuel CI engine: Numerical Study. <i>Fuel</i> , 2018 , 222, 852-858	7.1	33
5	Advances in Hydrogen-Fuelled Compression Ignition Engine. <i>Energy, Environment, and Sustainability</i> , 2018 , 55-78	0.8	3
4	Development of chemical kinetics based hydrogen HCCI combustion model for parametric investigation. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 6148-6154	6.7	15
3	Optical Study on the Fuel Spray Characteristics of the Four-Consecutive-Injections Strategy Used in High-Pressure Isobaric Combustion		4

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| 2 | Study on the Pre-Chamber Fueling Ratio Effect on the Main Chamber Combustion Using Simultaneous PLIF and OH* Chemiluminescence Imaging. <i>SAE International Journal of Advances and Current Practices in Mobility</i> ,3, 137-149 | 1 | 5 |
| 1 | Simultaneous Negative PLIF and OH* Chemiluminescence Imaging of the Gas Exchange and Flame Jet from a Narrow Throat Pre-Chamber | | 4 |