Hao Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9152781/publications.pdf

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20	718	933447	1199594
papers	citations	10	12
		h-index	g-index

20	20	20	455
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neural network prediction of cycle-to-cycle power variability in a spark-ignited internal combustion engine. Proceedings of the Combustion Institute, 2019, 37, 4937-4944.	3.9	29
2	Human iris three-dimensional imaging at micron resolution by a micro-plenoptic camera. Biomedical Optics Express, 2017, 8, 4514.	2.9	10
3	Three-dimensional sprayâ€“flow interaction in a spark-ignition direct-injection engine. International Journal of Engine Research, 2016, 17, 129-138.	2.3	49
4	Study of Time-Resolved Vortex Structure of In-Cylinder Engine Flow Fields Using Proper Orthogonal Decomposition Technique. Journal of Engineering for Gas Turbines and Power, 2015, 137, .	1.1	9
5	Analyzing In-cylinder Flow Evolution and Variations in a Spark-Ignition Direct-Injection Engine Using Phase-Invariant Proper Orthogonal Decomposition Technique. , 2014, , .		21
6	Study of Time-Resolved Vortex Structure of In-Cylinder Engine Flow Fields Using Proper Orthogonal Decomposition Technique. , 2014, , .		1
7	Experimental Investigation of the Variations of Early Flame Development in a Spark-Ignition Direct-Injection Optical Engine. Journal of Engineering for Gas Turbines and Power, 2014, 136, .	1.1	27
8	Proper orthogonal decomposition analysis of fuel spray structure variation in a spark-ignition direct-injection optical engine. Experiments in Fluids, 2014, 55, 1.	2.4	40
9	Cycle-to-cycle variation analysis of early flame propagation in engine cylinder using proper orthogonal decomposition. Experimental Thermal and Fluid Science, 2014, 58, 48-55.	2.7	96
10	A dynamic thresholding technique for extracting the automotive spark-ignition direct-injection pulsing spray characteristics. Journal of Visualization, 2014, 17, 197-209.	1.8	14
11	A practical guide for using proper orthogonal decomposition in engine research. International Journal of Engine Research, 2013, 14, 307-319.	2.3	128
12	Experimental Investigation of the Variations of Early Flame Development in a Spark-Ignition Direct-Injection Optical Engine. , 2013, , .		5
13	Development of a POD-Based Analysis Approach for Quantitative Comparison of Spray Structure Variations in a Spark-Ignition Direct-Injection Engine. , 2013, , .		4
14	ANALYZING THE CYCLE-TO-CYCLE VARIATIONS OF PULSING SPRAY CHARACTERISTICS BY MEANS OF THE PROPER ORTHOGONAL DECOMPOSITION. Atomization and Sprays, 2013, 23, 623-641.	0.8	31
15	On the use and interpretation of proper orthogonal decomposition of in-cylinder engine flows. Measurement Science and Technology, 2012, 23, 085302.	2.6	106
16	Analysis of misfires in a direct injection engine using proper orthogonal decomposition. Experiments in Fluids, 2011, 51, 1139-1151.	2.4	69
17	Investigation of Ethanol Spray From Different DI Injectors by Using Two-Dimensional Laser Induced Exciplex Fluorescence at Potential Cold-Start Condition. , 2010, , .		16
18	Flame Area Correlations with Heat Release at Early Flame Development of Combustion Process in a Spark-Ignition Direct-Injection Engine Using Gasoline, Ethanol and Butanol. , 0, , .		26

#	Article	IF	Citations
19	Three-Dimensional Three-Component Air Flow Visualization in a Steady-State Engine Flow Bench Using a Plenoptic Camera. SAE International Journal of Engines, 0, 10, 625-635.	0.4	28
20	Impact of Fuel Sprays on In-Cylinder Flow Length Scales in a Spark-Ignition Direct-Injection Engine. SAE International Journal of Engines, 0, 10, 752-766.	0.4	9