

Morteza Fathi

List of Publications by Year in descending order

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7
papers

305
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of Exhaust Gas Recirculation (EGR) on combustion and emissions of n-heptane/natural gas fueled Homogeneous Charge Compression Ignition (HCCI) engines. <i>Applied Energy</i> , 2011, 88, 4719-4724.	10.1	121
2	Modeling and controller design architecture for cycle-by-cycle combustion control of homogeneous charge compression ignition (HCCI) engines – A comprehensive review. <i>Energy Conversion and Management</i> , 2017, 139, 1-19.	9.2	78
3	Detailed approach for apparent heat release analysis in HCCI engines. <i>Fuel</i> , 2010, 89, 2323-2330.	6.4	50
4	Stand-alone single- and multi-zone modeling of direct injection homogeneous charge compression ignition (DI-HCCI) combustion engines. <i>Applied Thermal Engineering</i> , 2017, 125, 1181-1190.	6.0	23
5	Miller cycle application to improve lean burn gas engine performance. <i>Energy</i> , 2016, 109, 190-200.	8.8	22
6	EGR and Intake Charge Temperature Effects on Dual-Fuel HCCI Combustion and Emissions Characteristics. , 2011, , .		9
7	Intake charge temperature effect on performance characteristics of direct injection low-temperature combustion engines. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 2447-2454.	3.6	2