

Ceyuan Chen

List of Publications by Year in descending order

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13
papers

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citations

1040056

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docs citations

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252
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Analysis of Fuel Effects on Advanced Compression Ignition Using a Cooperative Fuel Research Engine Computational Fluid Dynamics Model. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	13
2	Numerical Investigation of a Central Fuel Property Hypothesis Under Boosted Spark-Ignition Conditions. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	10
3	Large-eddy simulation study on cycle-to-cycle variation of knocking combustion in a spark-ignition engine. Applied Energy, 2020, 261, 114447.	10.1	37
4	Numerical Investigation of a Central Fuel Property Hypothesis Under Boosted Spark-Ignition Conditions. , 2019, , .		2
5	Pressure wave evolution during two hotspots autoignition within end-gas region under internal combustion engine-relevant conditions. Combustion and Flame, 2018, 189, 142-154.	5.2	17
6	Multidimensional Numerical Simulations of Knocking Combustion in a Cooperative Fuel Research Engine. Journal of Energy Resources Technology, Transactions of the ASME, 2018, 140, .	2.3	38
7	Computational characterization of ignition regimes in a syngas/air mixture with temperature fluctuations. Proceedings of the Combustion Institute, 2017, 36, 3705-3716.	3.9	48
8	Effect of turbulent mixing on the end gas auto-ignition of n-heptane/air mixtures under IC engine-relevant conditions. Combustion and Flame, 2016, 174, 25-36.	5.2	29
9	Assessment of flamelet versus multi-zone combustion modeling approaches for stratified-charge compression ignition engines. International Journal of Engine Research, 2016, 17, 280-290.	2.3	30
10	Characteristics of Syngas Auto-ignition at High Pressure and Low Temperature Conditions with Thermal Inhomogeneities. Energy Procedia, 2015, 66, 1-4.	1.8	9
11	A Regime Diagram for Autoignition of Homogeneous Reactant Mixtures with Turbulent Velocity and Temperature Fluctuations. Combustion Science and Technology, 2015, 187, 1263-1275.	2.3	68
12	Development of a Virtual CFR Engine Model for Knocking Combustion Analysis. SAE International Journal of Engines, 0, 11, 1069-1082.	0.4	48
13	LES Analysis on Cycle-to-Cycle Variation of Combustion Process in a DISI Engine. , 0, , .		13