Ceyuan Chen

List of Publications by Year
in descending order

13	362	1040056 9	1372567 10
papers	citations	h-index	g-index

13	13	13	252
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Development of a Virtual CFR Engine Model for Knocking Combustion Analysis. SAE International Journal of Engines, 0, 11, 1069-1082.	0.4	48
4	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
5	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
6	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
7	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
8	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
9	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
10	LES Analysis on Cycle-to-Cycle Variation of Combustion Process in a DISI Engine. , 0, , .		13
11	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
12	Characteristics of Syngas Auto-ignition at High Pressure and Low Temperature Conditions with Thermal Inhomogeneities. Energy Procedia, 2015, 66, 1-4.	1.8	9
13	Numerical Investigation of a Central Fuel Property Hypothesis Under Boosted Spark-Ignition Conditions. , 2019, , .		2