

Yong Cheng

List of Publications by Year in descending order

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17
papers

228
citations

1307594

7
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	A LiFePO ₄ battery pack capacity estimation approach considering in-parallel cell safety in electric vehicles. Applied Energy, 2015, 142, 293-302.	10.1	62
2	Influence of connecting plate resistance upon LiFePO ₄ battery performance. Applied Energy, 2015, 147, 353-360.	10.1	34
3	Battery available power prediction of hybrid electric vehicle based on Improved Dynamic Matrix Control algorithms. Journal of Power Sources, 2014, 261, 337-347.	7.8	33
4	Combustion parameters identification and correction in diesel engine via vibration acceleration signal. Applied Acoustics, 2017, 116, 205-215.	3.3	28
5	Influence of Ozone on Ignition and Combustion Performance of a Lean Methane/Air Mixture. Energy & Fuels, 2017, 31, 14191-14200.	5.1	19
6	Combustion timing determination based on vibration velocity in HCCI engines. Mechanism and Machine Theory, 2012, 58, 20-28.	4.5	15
7	Influence of Key Structural Parameters of Combustion Chamber on the Performance of Diesel Engine. Journal of Energy Resources Technology, Transactions of the ASME, 2017, 139, .	2.3	7
8	The scavenging timing of pre-chamber on the performance of a natural gas engine. International Journal of Engine Research, 2021, 22, 2919-2930.	2.3	7
9	Emission characteristics of particulate matter emitted by typical off-road construction machinery. Environmental Science and Pollution Research, 2022, 29, 44220-44232.	5.3	6
10	Investigation of Combustion Enhancement by Ozone in a Constant-Volume Combustion Bomb. Energy & Fuels, 2019, 33, 9114-9123.	5.1	5
11	Vibration analysis and combustion parameter evaluation of CI engine based on Fourier Decomposition Method. International Journal of Engine Research, 0, , 146808742098819.	2.3	4
12	Study on the Relationship between Combustion Parameters and Cylinder Head Vibration Signal in Time Domain. Energies, 2021, 14, 6421.	3.1	3
13	Identification of combustion timing based on the vibration acceleration of diesel engines. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2012, 226, 1495-1506.	1.9	2
14	The Sensitivity of Inner Nozzle Flow in Gasoline Direct Injection Injector to the Nozzle Geometry Parameters. Journal of Engineering for Gas Turbines and Power, 2019, 141, .	1.1	1
15	The Effect of Coupling Injection Parameters and Double-Swirl Chamber on the Diesel Engine Performance. Arabian Journal for Science and Engineering, 2019, 44, 1393-1401.	3.0	1
16	Effect of spark ignition location on the turbulent jet ignition characteristics in a lean burning natural gas engine. International Journal of Engine Research, 0, , 146808742110646.	2.3	1
17	Study on combustion process estimation using frequency information of diesel engine vibration acceleration signal. , 2011, , .		0