

# Xin Zhang

## List of Publications by Year in descending order

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10  
papers

134  
citations

1307594

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h-index

1372567

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g-index

11  
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11  
docs citations

11  
times ranked

117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on premixed combustion characteristics of methane-air under dual spark plug ignition strategy in a closed spherical chamber. <i>Fuel</i> , 2022, 314, 123093.	6.4	7
2	Experimental study on the combustion characteristics of premixed methane-hydrogen-air mixtures in a spherical closed chamber. <i>Fuel</i> , 2021, 299, 120885.	6.4	13
3	Experimental study on the residual stress of the power spinning rod bushing with main technological parameters. <i>Materials Today: Proceedings</i> , 2020, 20, 283-294.	1.8	2
4	Experimental Research on low calorific value gas blended with hydrogen engine. <i>Energy Procedia</i> , 2019, 158, 459-464.	1.8	3
5	Pressure Drop of Microchannel Plate Fin Heat Sinks. <i>Micromachines</i> , 2019, 10, 80.	2.9	19
6	Study on flame characteristics of low heat value gas. <i>Energy Conversion and Management</i> , 2019, 196, 344-353.	9.2	8
7	A numerical study on jet characteristics under different supercritical conditions for engine applications. <i>Applied Energy</i> , 2019, 252, 113428.	10.1	16
8	Lattice Boltzmann Simulation of the Hydrodynamic Entrance Region of Rectangular Microchannels in the Slip Regime. <i>Micromachines</i> , 2018, 9, 87.	2.9	16
9	Numerical analysis of the influence of the fuel injection timing and ignition position in a direct-injection natural gas engine. <i>Energy Conversion and Management</i> , 2017, 149, 748-759.	9.2	42
10	A charging management-based intelligent control strategy for extended-range electric vehicles. <i>Journal of Zhejiang University: Science A</i> , 2016, 17, 903-910.	2.4	8