

Jian Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2141575/publications.pdf>

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8
papers

529
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal management for high power lithium-ion battery by minichannel aluminum tubes. Applied Thermal Engineering, 2016, 101, 284-292.	6.0	232
2	Prevent thermal runaway of lithium-ion batteries with minichannel cooling. Applied Thermal Engineering, 2017, 110, 883-890.	6.0	206
3	Mathematical Modeling of Coal Gasification Processes in a Well-Stirred Reactor: Effects of Devolatilization and Moisture Content. Energy & Fuels, 2012, 26, 5759-5768.	5.1	50
4	Multiphysics modeling of carbon gasification processes in a well-stirred reactor with detailed gas-phase chemistry. Combustion and Flame, 2012, 159, 1693-1707.	5.2	18
5	Droplet breakup of micro- and nano-dispersed carbon-in-water colloidal suspensions under intense radiation. International Journal of Heat and Mass Transfer, 2014, 78, 267-276.	4.8	13
6	Detailed numerical simulations of flame propagation in coal-dust clouds. Combustion Theory and Modelling, 2012, 16, 747-773.	1.9	7
7	Multiphysics well-stirred reactor modeling of coal gasification under intense thermal radiation. International Journal of Hydrogen Energy, 2013, 38, 7007-7015.	7.1	3
8	Detailed Numerical Modeling of Solar Coal Gasification in a Perfectly-stirred Reactor. , 2012, , .		0