

David Macphee

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

253
citations

1163117

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1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy and Exergy Analyses of Tube Banks in Waste Heat Recovery Applications. <i>Energies</i> , 2018, 11, 2094.	3.1	12
2	The impact of inertial forces on morphing wind turbine blade in vertical axis configuration. <i>Energy Conversion and Management</i> , 2015, 91, 54-62.	9.2	23
3	Fluid structure interaction of a morphed wind turbine blade. <i>International Journal of Energy Research</i> , 2013, 37, 1784-1793.	4.5	22
4	Recent Advances in Rotor Design of Vertical Axis Wind Turbines. <i>Wind Engineering</i> , 2012, 36, 647-665.	1.9	30
5	Numerical simulation and exergetic performance assessment of charging process in encapsulated ice thermal energy storage system. <i>Energy</i> , 2012, 41, 491-498.	8.8	35
6	A flexible turbine blade for passive blade pitch control in wind turbines. , 2011, , .		2
7	Energy, water and global climate change as a regional agenda of the Americas. , 2011, , .		1
8	Integrating wind and wave energy conversion. , 2011, , .		2
9	Thermal modeling of a packed bed thermal energy storage system during charging. <i>Applied Thermal Engineering</i> , 2009, 29, 695-705.	6.0	80
10	Heat Transfer and Thermodynamic Analyses of Some Typical Encapsulated Ice Geometries During Discharging Process. <i>Journal of Heat Transfer</i> , 2009, 131, .	2.1	8
11	Thermodynamic Analysis of Freezing and Melting Processes in a Bed of Spherical PCM Capsules. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2009, 131, .	1.8	38