

# David Macphee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12176173/publications.pdf>

Version: 2024-02-01

11  
papers

253  
citations

1163117

8  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

252  
citing authors

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