

Rakesh Kumar

List of Publications by Year in descending order

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11
papers

746
citations

1040056

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1281871

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all docs

11
docs citations

11
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmarking of water consumption and waste management in multi-unit residential buildings (MURBs) in Toronto. Canadian Journal of Civil Engineering, 2021, 48, 628-641.	1.3	1
2	Natural gas engine driven heat pump system – a case study of an office building. International Journal of Green Energy, 2020, 17, 476-487.	3.8	2
3	A critical review of vertical axis wind turbines for urban applications. Renewable and Sustainable Energy Reviews, 2018, 89, 281-291.	16.4	170
4	Experimental and simulation studies on air source heat pump water heater for year-round applications in Canada. Energy and Buildings, 2018, 165, 141-149.	6.7	32
5	Performance characterization of an indoor air source heat pump water heater for residential applications in Canada. International Journal of Energy Research, 2018, 42, 1316-1327.	4.5	20
6	Design, modeling and economic performance of a vertical axis wind turbine. Energy Reports, 2018, 4, 619-623.	5.1	39
7	Simulation and experimental investigation of two hybrid solar domestic water heaters with drain water heat recovery. International Journal of Energy Research, 2015, 39, 1879-1889.	4.5	17
8	Heating and cooling performance characterisation of ground source heat pump system by testing and TRNSYS simulation. Renewable Energy, 2015, 83, 565-575.	8.9	82
9	Comparative thermal performances of a ground source heat pump and a variable capacity air source heat pump systems for sustainable houses. Applied Thermal Engineering, 2015, 81, 279-287.	6.0	61
10	Performance of two domestic solar water heaters with drain water heat recovery units: Simulation and experimental investigation. Applied Thermal Engineering, 2015, 90, 444-459.	6.0	38
11	A critical review of photovoltaic-thermal solar collectors for air heating. Applied Energy, 2011, 88, 3603-3614.	10.1	284