

# Rakesh Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7159565/publications.pdf>

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11  
papers

746  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

738  
citing authors

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