

Vahid Vakiloroya

List of Publications by Year in descending order

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8
papers

519
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	An innovative solar assisted desiccant-based evaporative cooling system for co-production of water and cooling in hot and humid climates. <i>Energy Conversion and Management</i> , 2019, 185, 396-409.	9.2	86
2	Investigation of energy-efficient strategy for direct expansion air-cooled air conditioning systems. <i>Applied Thermal Engineering</i> , 2014, 66, 84-93.	6.0	18
3	A comparative study on the effect of different strategies for energy saving of air-cooled vapor compression air conditioning systems. <i>Energy and Buildings</i> , 2014, 74, 163-172.	6.7	26
4	A review of different strategies for HVAC energy saving. <i>Energy Conversion and Management</i> , 2014, 77, 738-754.	9.2	338
5	Thermo-economic optimization of rooftop unit's evaporator coil for energy efficiency and thermal comfort. <i>Building Simulation</i> , 2014, 7, 345-359.	5.6	6
6	Thermo-economic optimization of condenser coil configuration for HVAC performance enhancement. <i>Energy and Buildings</i> , 2014, 84, 1-12.	6.7	3
7	Modelling and performance prediction of an integrated central cooling plant for HVAC energy efficiency improvement. <i>Building Simulation</i> , 2013, 6, 127-138.	5.6	10
8	Modeling and experimental validation of a solar-assisted direct expansion air conditioning system. <i>Energy and Buildings</i> , 2013, 66, 524-536.	6.7	32