Yangyang Xu

List of Publications by Year
in descending order

14	307	933447 10	1058476 14
papers	citations	h-index	g-index

14	14	14	204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solar updraft tower power generation. Solar Energy, 2016, 128, 95-125.	6.1	88
2	Performance of divergent-chimney solar power plants. Solar Energy, 2018, 170, 379-387.	6.1	43
3	Performance and potential of solar updraft tower used as an effective measure to alleviate Chinese urban haze problem. Renewable and Sustainable Energy Reviews, 2015, 51, 1499-1508.	16.4	32
4	Performance of a large-scale solar updraft power plant in a moist climate. International Journal of Heat and Mass Transfer, 2015, 91, 619-629.	4.8	21
5	Pressure and power potential of sloped-collector solar updraft tower power plant. International Journal of Heat and Mass Transfer, 2014, 75, 450-461.	4.8	20
6	Environmental, health and economic benefits of using urban updraft tower to govern urban air pollution. Renewable and Sustainable Energy Reviews, 2017, 77, 1300-1308.	16.4	20
7	Performance of a modified solar chimney power plant for power generation and vegetation. Energy, 2019, 171, 502-509.	8.8	18
8	Evaluation of effect of diurnal ambient temperature range on solar chimney power plant performance. International Journal of Heat and Mass Transfer, 2017, 115, 398-405.	4.8	17
9	Effect of Flow Area to Fluid Power and Turbine Pressure Drop Factor of Solar Chimney Power Plants. Journal of Solar Energy Engineering, Transactions of the ASME, 2017, 139, .	1.8	13
10	Pressure Losses in Solar Chimney Power Plant. Journal of Solar Energy Engineering, Transactions of the ASME, 2018, 140, .	1.8	12
11	Novel concept of enhancing the performance of sloped solar collector by using natural anabatic winds. International Journal of Heat and Mass Transfer, 2016, 102, 1356-1361.	4.8	11
12	On-line power management for grid-connected solar chimney power plants with various heat storages. Energy Conversion and Management, 2019, 187, 167-175.	9.2	5
13	Formation regimes of vortex rings in thermals. Journal of Fluid Mechanics, 2020, 885, .	3.4	4
14	Daily dynamic performance of a solar chimney power plant integrated by waste heat recovery. IET Renewable Power Generation, 2020, 14, 270-274.	3.1	3