

# Yangyang Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8450235/publications.pdf>

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14  
papers

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citations

933447

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14  
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14  
docs citations

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times ranked

204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation regimes of vortex rings in thermals. Journal of Fluid Mechanics, 2020, 885, .	3.4	4
2	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
3	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
4	Performance of a modified solar chimney power plant for power generation and vegetation. Energy, 2019, 171, 502-509.	8.8	18
5	Pressure Losses in Solar Chimney Power Plant. Journal of Solar Energy Engineering, Transactions of the ASME, 2018, 140, .	1.8	12
6	Performance of divergent-chimney solar power plants. Solar Energy, 2018, 170, 379-387.	6.1	43
7	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
8	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
9	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
10	Solar updraft tower power generation. Solar Energy, 2016, 128, 95-125.	6.1	88
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	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
13	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
14	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