

# Yen Chean Soo Too

## List of Publications by Year in descending order

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13  
papers

566  
citations

933447

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h-index

1125743

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13  
docs citations

13  
times ranked

444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transient simulation of a control strategy for solar receivers based on mass flow valves adjustments and heliostats aiming. <i>Renewable Energy</i> , 2022, 185, 1221-1244.	8.9	4
2	Tuning Analysis and Optimization of a Cluster-Based Aiming Methodology for Solar Central Receivers. <i>Frontiers in Energy Research</i> , 2022, 10, .	2.3	3
3	Optimized operation of recompression sCO <sub>2</sub> Brayton cycle based on adjustable recompression fraction under variable conditions. <i>Energy</i> , 2021, 227, 120334.	8.8	19
4	Aiming clusters of heliostats over solar receivers for distributing heat flux using one variable per group. <i>Renewable Energy</i> , 2020, 160, 584-596.	8.9	9
5	A transient optical-thermal model with dynamic matrix controller for solar central receivers. <i>Applied Thermal Engineering</i> , 2019, 154, 686-698.	6.0	19
6	Impact of ambient temperature on supercritical CO <sub>2</sub> recompression Brayton cycle in arid locations: Finding the optimal design conditions. <i>Energy</i> , 2018, 153, 1016-1027.	8.8	63
7	Dynamic performance of an aiming control methodology for solar central receivers due to cloud disturbances. <i>Renewable Energy</i> , 2018, 121, 355-367.	8.9	25
8	Multivariable Closed Control Loop Methodology for Heliostat Aiming Manipulation in Solar Central Receiver Systems. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2018, 140, .	1.8	11
9	Multi-objective thermodynamic optimisation of supercritical CO <sub>2</sub> Brayton cycles integrated with solar central receivers. <i>International Journal of Sustainable Energy</i> , 2018, 37, 1-20.	2.4	18
10	Thermodynamic feasibility of alternative supercritical CO <sub>2</sub> Brayton cycles integrated with an ejector. <i>Applied Energy</i> , 2016, 169, 49-62.	10.1	60
11	Effect of Pressure Drop and Reheating on Thermal and Exergetic Performance of Supercritical Carbon Dioxide Brayton Cycles Integrated With a Solar Central Receiver. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2015, 137, .	1.8	26
12	Exergetic analysis of supercritical CO <sub>2</sub> Brayton cycles integrated with solar central receivers. <i>Applied Energy</i> , 2015, 148, 348-365.	10.1	245
13	Enhancing heat transfer in air tubular absorbers for concentrated solar thermal applications. <i>Applied Thermal Engineering</i> , 2013, 50, 1076-1083.	6.0	64