

Nathan Siegel

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

450
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Fluid Dynamics Modeling of Gas-Particle Flow Within a Solid-Particle Solar Receiver. Journal of Solar Energy Engineering, Transactions of the ASME, 2007, 129, 160-170.	1.8	84
2	Wind effect on the performance of solid particle solar receivers with and without the protection of an aerowindow. Solar Energy, 2009, 83, 1815-1827.	6.1	74
3	Central-Station Solar Hydrogen Power Plant. Journal of Solar Energy Engineering, Transactions of the ASME, 2007, 129, 179-183.	1.8	70
4	A study of solid particle flow characterization in solar particle receiver. Solar Energy, 2009, 83, 1784-1793.	6.1	68
5	Characterization of Particle Flow in a Free-Falling Solar Particle Receiver. Journal of Solar Energy Engineering, Transactions of the ASME, 2017, 139, .	1.8	67
6	On-sun testing of an advanced falling particle receiver system. AIP Conference Proceedings, 2016, , .	0.4	46
7	Solid Particle Receiver Flow Characterization Studies. , 2007, , 877.		19
8	Design of a thermosyphon-based thermal valve for controlled high-temperature heat extraction. Applied Thermal Engineering, 2017, 126, 1141-1147.	6.0	12
9	Reliability and heat transfer performance of a miniature high-temperature thermosyphon-based thermal valve. International Journal of Heat and Mass Transfer, 2018, 125, 1079-1086.	4.8	7
10	Demonstration of a thermosyphon thermal valve for controlled extraction of stored solar thermal energy. AIP Conference Proceedings, 2018, , .	0.4	3