

# Randeep Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10684759/publications.pdf>

Version: 2024-02-01

23  
papers

1,221  
citations

394421

19  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Battery thermal management system for electric vehicle using heat pipes. International Journal of Thermal Sciences, 2018, 134, 517-529.	4.9	180
2	Electric power generation from solar pond using combined thermosyphon and thermoelectric modules. Solar Energy, 2011, 85, 371-378.	6.1	118
3	Operational characteristics of a miniature loop heat pipe with flat evaporator. International Journal of Thermal Sciences, 2008, 47, 1504-1515.	4.9	114
4	Effect of Wick Characteristics on the Thermal Performance of the Miniature Loop Heat Pipe. Journal of Heat Transfer, 2009, 131, .	2.1	106
5	Miniature Loop Heat Pipe With Flat Evaporator for Cooling Computer CPU. IEEE Transactions on Components and Packaging Technologies, 2007, 30, 42-49.	1.3	91
6	Operational characteristics of the miniature loop heat pipe with non-condensable gases. International Journal of Heat and Mass Transfer, 2010, 53, 3471-3482.	4.8	66
7	Egr2 and 3 control adaptive immune responses by temporally uncoupling expansion from T cell differentiation. Journal of Experimental Medicine, 2017, 214, 1787-1808.	8.5	66
8	Heat extraction from salinity-gradient solar ponds using heat pipe heat exchangers. Solar Energy, 2010, 84, 1706-1716.	6.1	62
9	Electric Power Generation from Thermoelectric Cells Using a Solar Dish Concentrator. Journal of Electronic Materials, 2011, 40, 1311-1320.	2.2	55
10	Heat pipe based passive emergency core cooling system for safe shutdown of nuclear power reactor. Applied Thermal Engineering, 2014, 73, 699-706.	6.0	54
11	Theoretical and experimental estimation of limiting input heat flux for thermoelectric power generators with passive cooling. Solar Energy, 2015, 111, 201-217.	6.1	44
12	Novel Design of a Miniature Loop Heat Pipe Evaporator for Electronic Cooling. Journal of Heat Transfer, 2007, 129, 1445-1452.	2.1	40
13	Thermal Potential of Flat Evaporator Miniature Loop Heat Pipes for Notebook Cooling. IEEE Transactions on Components and Packaging Technologies, 2010, 33, 32-45.	1.3	36
14	Egr2 and 3 Inhibit T-bet <sup>hi</sup> -Mediated IFN- $\gamma$ Production in T Cells. Journal of Immunology, 2017, 198, 4394-4402.	0.8	35
15	Effect of fabricating parameters on properties of sintered porous wicks for loop heat pipe. Powder Technology, 2010, 204, 241-248.	4.2	33
16	Early Growth Response Genes 2 and 3 Regulate the Expression of Bcl6 and Differentiation of T Follicular Helper Cells. Journal of Biological Chemistry, 2015, 290, 20455-20465.	3.4	29
17	Experimental Determination of Wick Properties for Loop Heat Pipe Applications. Journal of Porous Media, 2009, 12, 759-776.	1.9	25
18	Theoretical modelling of miniature loop heat pipe. Heat and Mass Transfer, 2009, 46, 209-224.	2.1	22

#	ARTICLE	IF	CITATIONS
19	Capillary evaporator development and qualification for loop heat pipes. Applied Thermal Engineering, 2014, 63, 406-418.	6.0	21
20	Transcription factors early growth response gene (Egr) 2 and 3 control inflammatory responses of tolerant T cells. Immunity, Inflammation and Disease, 2018, 6, 221-233.	2.7	10
21	Loop Heat Pipes for Thermal Management of Electric Vehicles. Journal of Thermal Science and Engineering Applications, 2022, 14, .	1.5	6
22	Energy conservation approach for data center cooling using heat pipe based cold energy storage system. , 2010, , .		4
23	Design and Numerical Simulation of a Symbiotic Thermoelectric Power Generation System Fed by a Low-Grade Heat Source. Journal of Electronic Materials, 2014, 43, 1940-1945.	2.2	4