

Yoram Kozak

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

364
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Close-contact melting in vertical annular enclosures with a non-isothermal base: Theoretical modeling and application to thermal storage. International Journal of Heat and Mass Transfer, 2014, 72, 114-127.	4.8	104
2	Experimental demonstration, modeling and analysis of a novel latent-heat thermal energy storage unit with a helical fin. International Journal of Heat and Mass Transfer, 2017, 110, 692-709.	4.8	88
3	Close-contact melting in a horizontal cylindrical enclosure with longitudinal plate fins: Demonstration, modeling and application to thermal storage. International Journal of Heat and Mass Transfer, 2015, 86, 465-477.	4.8	75
4	Novel enthalpy method for modeling of PCM melting accompanied by sinking of the solid phase. International Journal of Heat and Mass Transfer, 2017, 112, 568-586.	4.8	60
5	WENO interpolation for Lagrangian particles in highly compressible flow regimes. Journal of Computational Physics, 2020, 402, 109054.	3.8	12
6	Close-contact melting on an isothermal surface with the inclusion of non-Newtonian effects. Journal of Fluid Mechanics, 2019, 865, 720-742.	3.4	9
7	Numerical investigation of the accuracy of particle image velocimetry technique in gas-phase detonations. Proceedings of the Combustion Institute, 2021, 38, 3671-3681.	3.9	9
8	Theoretical analysis of close-contact melting on superhydrophobic surfaces. Journal of Fluid Mechanics, 2022, 943, .	3.4	6
9	Numerical modeling of a finned PCM heat sink. , 2012, , .		1