

# Yoram Kozak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1697498/publications.pdf>

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	Theoretical analysis of close-contact melting on superhydrophobic surfaces. Journal of Fluid Mechanics, 2022, 943, .	3.4	6
2	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
3	WENO interpolation for Lagrangian particles in highly compressible flow regimes. Journal of Computational Physics, 2020, 402, 109054.	3.8	12
4	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
5	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
6	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
7	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
8	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
9	Numerical modeling of a finned PCM heat sink. , 2012, , .		1