

# Inderjot Kaur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11229386/publications.pdf>

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14  
papers

422  
citations

933447

10  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

120  
citing authors

#	ARTICLE	IF	CITATIONS
1	State-of-the-art in heat exchanger additive manufacturing. International Journal of Heat and Mass Transfer, 2021, 178, 121600.	4.8	118
2	Flow and thermal transport characteristics of Triply-Periodic Minimal Surface (TPMS)-based gyroid and Schwarz-P cellular materials. Numerical Heat Transfer; Part A: Applications, 2021, 79, 553-569.	2.1	69
3	Critical evaluation of additively manufactured metal lattices for viability in advanced heat exchangers. International Journal of Heat and Mass Transfer, 2021, 168, 120858.	4.8	63
4	Flow and Thermal Transport Through Unit Cell Topologies of Cubic and Octahedron Families. International Journal of Heat and Mass Transfer, 2020, 158, 119784.	4.8	30
5	Prediction of effective thermal conductivity of porous lattice structures and validation with additively manufactured metal foams. Applied Thermal Engineering, 2021, 187, 116558.	6.0	26
6	Thermal-hydraulic performance of additively manufactured lattices for gas turbine blade trailing edge cooling. Applied Thermal Engineering, 2022, 211, 118461.	6.0	21
7	Numerical investigation on conjugate heat transfer in octet-shape-based single unit cell thick metal foam. International Communications in Heat and Mass Transfer, 2021, 121, 105090.	5.6	20
8	Endwall heat transfer characteristics of octahedron family lattice-frame materials. International Communications in Heat and Mass Transfer, 2021, 127, 105522.	5.6	19
9	Periodic heat transfer characteristics of additively manufactured lattices. International Journal of Heat and Mass Transfer, 2022, 189, 122692.	4.8	19
10	Enhanced thermal hydraulic performance by V-shaped protrusion for gas turbine blade trailing edge cooling. International Journal of Heat and Mass Transfer, 2020, 149, 119221.	4.8	14
11	Direct Pore-Scale Simulations of Fully Periodic Unit Cells of Different Regular Lattices. Journal of Heat Transfer, 2022, 144, .	2.1	10
12	Conjugate heat transfer in lattice frame materials based on novel unit cell topologies. Numerical Heat Transfer; Part A: Applications, 0, , 1-14.	2.1	6
13	Thermal-Hydraulic Performance Enhancement by the Combination of Rectangular Winglet Pair and V-Shaped Dimples. Journal of Thermal Science and Engineering Applications, 2020, 12, .	1.5	4
14	Heat and flow characteristics of V-shaped protrusion/concavity combined with miniature V-ribs. Numerical Heat Transfer; Part A: Applications, 2020, 78, 359-377.	2.1	3