

Inderjot Kaur

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

422
citations

933447

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all docs

14
docs citations

14
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Pore-Scale Simulations of Fully Periodic Unit Cells of Different Regular Lattices. Journal of Heat Transfer, 2022, 144, .	2.1	10
2	Periodic heat transfer characteristics of additively manufactured lattices. International Journal of Heat and Mass Transfer, 2022, 189, 122692.	4.8	19
3	Thermal-hydraulic performance of additively manufactured lattices for gas turbine blade trailing edge cooling. Applied Thermal Engineering, 2022, 211, 118461.	6.0	21
4	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
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	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
7	Endwall heat transfer characteristics of octahedron family lattice-frame materials. International Communications in Heat and Mass Transfer, 2021, 127, 105522.	5.6	19
8	State-of-the-art in heat exchanger additive manufacturing. International Journal of Heat and Mass Transfer, 2021, 178, 121600.	4.8	118
9	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
10	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
11	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
12	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
13	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
14	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