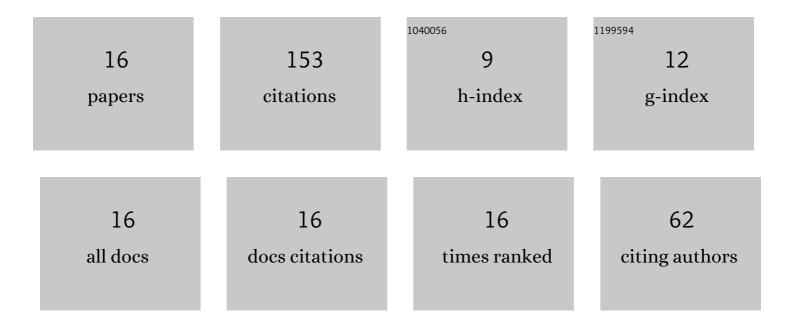


List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Study on heat transfer performance of steam-cooled ribbed channel using neural networks and genetic algorithms. International Journal of Heat and Mass Transfer, 2018, 127, 1110-1123.	4.8	29
2	Flow and heat transfer characteristics of a swirling impinging jet issuing from a threaded nozzle. Case Studies in Thermal Engineering, 2021, 25, 100970.	5.7	15
3	Numerical Simulation of Swirling Impinging Jet Issuing from a Threaded Hole under Inclined Condition. Entropy, 2020, 22, 15.	2.2	13
4	Cooling performance analysis and structural parameter optimization of X-type truss array channel based on neural networks and genetic algorithm. International Journal of Heat and Mass Transfer, 2022, 186, 122452.	4.8	13
5	Optimization Design of Lattice Structures in Internal Cooling Channel with Variable Aspect Ratio of Gas Turbine Blade. Energies, 2021, 14, 3954.	3.1	12
6	Numerical analysis and optimization on flow and heat transfer performance of a steam-cooled ribbed channel. Case Studies in Thermal Engineering, 2021, 28, 101442.	5.7	12
7	Numerical prediction of heat loss from a test ribbed rectangular channel using the conjugate calculations. International Communications in Heat and Mass Transfer, 2018, 96, 98-108.	5.6	11
8	Flow and heat transfer characteristics of a staggered array of Kagome lattice structures in rectangular channels. Heat and Mass Transfer, 2022, 58, 41-64.	2.1	10
9	Study on flow and heat transfer performance of X-type truss array cooling channel. Case Studies in Thermal Engineering, 2021, 26, 101034.	5.7	10
10	Optimization Design of Lattice Structures in Internal Cooling Channel of Turbine Blade. Applied Sciences (Switzerland), 2021, 11, 5838.	2.5	5
11	Heat transfer characteristics of single row of jets issuing from screw-thread nozzles impinging on a concave surface. Case Studies in Thermal Engineering, 2021, 28, 101590.	5.7	5
12	Numerical Investigation and Parameter Sensitivity Analysis on Flow and Heat Transfer Performance of Jet Array Impingement Cooling in a Quasi-Leading-Edge Channel. Aerospace, 2022, 9, 87.	2.2	5
13	Multi-Objective Optimization of Parameters of Channels with Staggered Frustum of a Cone Based on Response Surface Methodology. Energies, 2022, 15, 1240.	3.1	5
14	Large-Eddy Simulation Study of Flow and Heat Transfer in Swirling and Non-Swirling Impinging Jets on a Semi-Cylinder Concave Target. Applied Sciences (Switzerland), 2021, 11, 7167.	2.5	4
15	Flow and Heat Transfer Characteristics of a Swirling Impinging Jet Issuing from a Threaded Nozzle of 45 Degrees. Energies, 2021, 14, 8412.	3.1	3
16	Study on Conjugate Thermal Performance of a Steam-Cooled Ribbed Channel with Thick Metallic Walls. , 2021, , .		1