

Ahmad Sohankar

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

674
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of three-dimensional flow around a square cylinder at moderate Reynolds numbers. <i>Physics of Fluids</i> , 1999, 11, 288-306.	4.0	339
2	Large Eddy Simulation of Flow Past a Square Cylinder: Comparison of Different Subgrid Scale Models. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2000, 122, 39-47.	1.5	174
3	A LES study of the flow interference between tandem square cylinder pairs. <i>Theoretical and Computational Fluid Dynamics</i> , 2014, 28, 531-548.	2.2	64
4	Large Eddy Simulation of the flow and heat transfer in a half-corrugated channel with various wave amplitudes. <i>International Journal of Heat and Mass Transfer</i> , 2014, 76, 432-446.	4.8	37
5	The effect of corrugation on heat transfer and pressure drop in channel flow with different Prandtl numbers. <i>International Journal of Heat and Mass Transfer</i> , 2013, 66, 164-176.	4.8	25
6	Numerical Investigation of Forced Convection Flow of Nanofluids in Rotating U-Shaped Smooth and Ribbed Channels. <i>Heat Transfer Engineering</i> , 2016, 37, 840-861.	1.9	18
7	Investigations of nanofluid flow and heat transfer in a rotating microchannel using single- and two-phase approaches. <i>Numerical Heat Transfer; Part A: Applications</i> , 2023, 83, 80-115.	2.1	12
8	Dynamic Thermal Model for Winding Temperature of an SRM in an Integrated Battery Charger Utilized in Electric Vehicles. <i>IEEE Transactions on Energy Conversion</i> , 2021, 36, 1766-1775.	5.2	5