

Wontae Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

61
citations

1684188
5
h-index

1588992
8
g-index

11
all docs

11
docs citations

11
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Single-Sided Ribs on Heat Transfer and Pressure Drop Within a Trailing Edge Internal Channel of a Gas Turbine Blade. Journal of Thermal Science and Engineering Applications, 2022, 14, .	1.5	3
2	Analysis of the impact of flow characteristics on the separation efficiency and pressure drop of a cyclone-type oil separator. Journal of Mechanical Science and Technology, 2022, 36, 273-283.	1.5	0
3	Experimental Investigation of Aerodynamic Performance due to Blade Tip Clearance in a Gas Turbine Rotor Cascade. Journal of Thermal Science, 2022, 31, 173-178.	1.9	3
4	Flow Non-Uniformity and Secondary Flow Characteristics Within a Serpentine Cooling Channel of a Realistic Gas Turbine Blade. Journal of Turbomachinery, 2022, 144, .	1.7	4
5	Prediction of homogeneous isotropic turbulence modulation by small and heavy particles. Physics of Fluids, 2022, 34, .	4.0	1
6	Experimental study on the flow interaction between two synthetic jets emanating from a dual round orifice. Experimental Thermal and Fluid Science, 2021, 126, 110400.	2.7	13
7	Motion blur treatment utilizing deep learning for time-resolved particle image velocimetry. Experiments in Fluids, 2021, 62, 1.	2.4	6
8	Error quantification of 3D homogeneous and isotropic turbulence measurements using 2D PIV. International Journal of Heat and Fluid Flow, 2019, 78, 108431.	2.4	5
9	Impact of Balloon-Guiding Catheter Location on Recanalization in Patients with Acute Stroke Treated by Mechanical Thrombectomy. American Journal of Neuroradiology, 2019, 40, 840-844.	2.4	20
10	Laser-induced control of a cavity bubble behind a sinking sphere in water entry: Dependency on the surface temperature and impact velocity. Physics of Fluids, 2019, 31, 122105.	4.0	6
11	Evolution of the cavity in a particle dispersion triggered by laser-induced breakdown. Physics of Fluids, 0, , .	4.0	0