

Mohammad-Reza Pendar

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

621
citations

1040056

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1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical modeling of the distribution of virus carrying saliva droplets during sneeze and cough. <i>Physics of Fluids</i> , 2020, 32, 083305.	4.0	168
2	Cavitation characteristics around a sphere: An LES investigation. <i>International Journal of Multiphase Flow</i> , 2018, 98, 1-23.	3.4	90
3	Investigation of cavitation around 3D hemispherical head-form body and conical cavitators using different turbulence and cavitation models. <i>Ocean Engineering</i> , 2016, 112, 287-306.	4.3	87
4	Simulation of three-dimensional cavitation behind a disk using various turbulence and mass transfer models. <i>Applied Mathematical Modelling</i> , 2016, 40, 542-564.	4.2	75
5	LES study of unsteady cavitation characteristics of a 3-D hydrofoil with wavy leading edge. <i>International Journal of Multiphase Flow</i> , 2020, 132, 103415.	3.4	54
6	Wavelet analysis and frequency spectrum of cloud cavitation around a sphere. <i>Ocean Engineering</i> , 2019, 182, 235-247.	4.3	50
7	Numerical modeling of electrostatic spray painting transfer processes in rotary bell cup for automotive painting. <i>International Journal of Heat and Fluid Flow</i> , 2019, 80, 108499.	2.4	33
8	Numerical analysis of charged droplets size distribution in the electrostatic coating process: Effect of different operational conditions. <i>Physics of Fluids</i> , 2021, 33, .	4.0	22
9	Numerical Investigation of Plasma Actuator Effects on Flow Control Over a Three-Dimensional Airfoil With a Sinusoidal Leading Edge. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2022, 144, .	1.5	14
10	Atomization and spray characteristics around an ERBS using various operational models and conditions: numerical investigation. <i>International Journal of Heat and Mass Transfer</i> , 2020, 161, 120243.	4.8	12
11	Numerical Investigation of Electrostatic Spray Painting Transfer Processes for Vehicle Coating. <i>SAE International Journal of Advances and Current Practices in Mobility</i> , 0, 2, 747-754.	2.0	12
12	Study of Droplet Characteristics and Spray Deposition during Coating Produced by an Electrostatic Rotary Bell Sprayer on OpenFoam. , 0, , .		3
13	Design, Fabrication, and Testing of a Shore-line Wave Energy Converter with Mechanical Gear Motion Rectifier. , 2019, , .		1