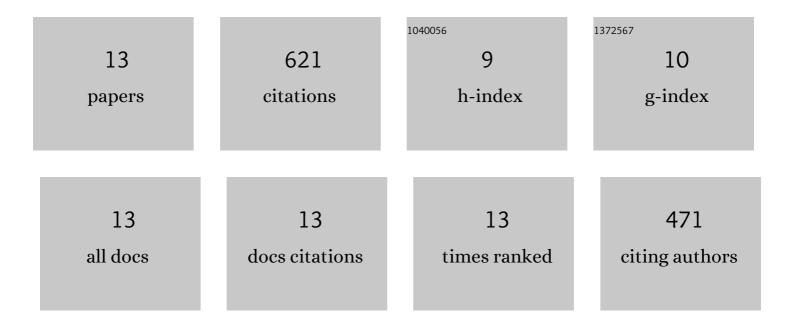
Mohammad-Reza Pendar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2228242/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Numerical modeling of the distribution of virus carrying saliva droplets during sneeze and cough. Physics of Fluids, 2020, 32, 083305.	4.0	168
2	Cavitation characteristics around a sphere: An LES investigation. International Journal of Multiphase Flow, 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. Ocean Engineering, 2016, 112, 287-306.	4.3	87
4	Simulation of three-dimensional cavitation behind a disk using various turbulence and mass transfer models. Applied Mathematical Modelling, 2016, 40, 542-564.	4.2	75
5	LES study of unsteady cavitation characteristics of a 3-D hydrofoil with wavy leading edge. International Journal of Multiphase Flow, 2020, 132, 103415.	3.4	54
6	Wavelet analysis and frequency spectrum of cloud cavitation around a sphere. Ocean Engineering, 2019, 182, 235-247.	4.3	50
7	Numerical modeling of electrostatic spray painting transfer processes in rotary bell cup for automotive painting. International Journal of Heat and Fluid Flow, 2019, 80, 108499.	2.4	33
8	Numerical analysis of charged droplets size distribution in the electrostatic coating process: Effect of different operational conditions. Physics of Fluids, 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. Journal of Fluids Engineering, Transactions of the ASME, 2022, 144, .	1.5	14
10	Atomization and spray characteristics around an ERBS using various operational models and conditions: numerical investigation. International Journal of Heat and Mass Transfer, 2020, 161, 120243.	4.8	12
11	Numerical Investigation of Electrostatic Spray Painting Transfer Processes for Vehicle Coating. SAE International Journal of Advances and Current Practices in Mobility, 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