

Venugopal Arumuru

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

247
citations

1163117

8
h-index

996975

15
g-index

32
all docs

32
docs citations

32
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental visualization of sneezing and efficacy of face masks and shields. <i>Physics of Fluids</i> , 2020, 32, 115129.	4.0	67
2	Droplet fate, efficacy of face mask, and transmission of virus-laden droplets inside a conference room. <i>Physics of Fluids</i> , 2021, 33, 065108.	4.0	36
3	Industrial Fluid Flow Measurement Using Optical Fiber Sensors: A Review. <i>IEEE Sensors Journal</i> , 2021, 21, 7130-7144.	4.7	29
4	Vortex dynamics of a trapezoidal bluff body placed inside a circular pipe. <i>Journal of Turbulence</i> , 2018, 19, 1-24.	1.4	16
5	Breathing, virus transmission, and social distancing—An experimental visualization study. <i>AIP Advances</i> , 2021, 11, .	1.3	16
6	Vortex Shedding Optical Flowmeter based on Photonic Crystal Fiber. <i>Scientific Reports</i> , 2019, 9, 8313.	3.3	15
7	Double masking protection vs. comfort—A quantitative assessment. <i>Physics of Fluids</i> , 2021, 33, 077120.	4.0	12
8	Improvement in the performance of the vortex flowmeter using contraction cone. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 111, 316-332.	5.0	9
9	On the linearity, turndown ratio and shape of the bluff body for vortex flowmeter. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 137, 477-483.	5.0	7
10	Bidirectional Interferometric Flowmeter With Linear Sensitivity and Large Dynamic Range. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-6.	4.7	7
11	Multipoint monitoring of amplitude, frequency, and phase of vibrations using concatenated modal interferometers. <i>Scientific Reports</i> , 2022, 12, 3798.	3.3	7
12	Influence of Strouhal number and phase difference on the flow behavior of a synthetic jet array. <i>Physics of Fluids</i> , 2022, 34, .	4.0	7
13	Numerical simulation of beam drift effect in ultrasonic flow-meter. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 146, 705-717.	5.0	6
14	Experimental investigations on flow over a circular cylinder placed in a circular pipe. <i>Physics of Fluids</i> , 2020, 32, 095122.	4.0	6
15	Jet deflection by two side-by-side arranged hydrofoils pitching in a quiescent fluid. <i>AIP Advances</i> , 2020, 10, 105128.	1.3	3
16	Machine Learning for Vortex Flowmeter Design. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-8.	4.7	3
17	Propulsive performance of a pitching foil in a side-by-side arrangement with auxiliary pitching foil. <i>Journal of Fluids and Structures</i> , 2022, 110, 103537.	3.4	1
18	10.1063/5.0030101.1. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Tâ€joint Micromixer Coupled with Deforming Diaphragm. Chemical Engineering and Technology, 0, , .	1.5	0