

# Venugopal Arumuru

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/325749/publications.pdf>

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

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