

Victor Voulgaropoulos

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

232
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of surfactant addition on the performance of a bubble column containing a non-Newtonian liquid. <i>Chemical Engineering Research and Design</i> , 2015, 95, 93-104.	5.6	47
2	Structured planar laser-induced fluorescence (S-PLIF) for the accurate identification of interfaces in multiphase flows. <i>International Journal of Multiphase Flow</i> , 2019, 118, 193-204.	3.4	34
3	Optical measurements in evolving dispersed pipe flows. <i>Experiments in Fluids</i> , 2017, 58, 1.	2.4	27
4	Thermal Energy Processes in Direct Steam Generation Solar Systems: Boiling, Condensation and Energy Storage – A Review. <i>Frontiers in Energy Research</i> , 2019, 6, .	2.3	25
5	Surfactant effects on the coalescence of a drop in a Hele-Shaw cell. <i>Physical Review E</i> , 2016, 94, 033101.	2.1	20
6	Simultaneous laser-induced fluorescence and capacitance probe measurement of downwards annular gas-liquid flows. <i>International Journal of Multiphase Flow</i> , 2021, 142, 103665.	3.4	19
7	A combined experimental and computational study of the flow characteristics in a Type B aortic dissection: Effect of primary and secondary tear size. <i>Chemical Engineering Research and Design</i> , 2020, 160, 240-253.	5.6	17
8	Experimental and numerical studies on the flow characteristics and separation properties of dispersed liquid-liquid flows. <i>Physics of Fluids</i> , 2019, 31, .	4.0	12
9	Transient freezing of water between two parallel plates: A combined experimental and modelling study. <i>International Journal of Heat and Mass Transfer</i> , 2020, 153, 119596.	4.8	12
10	On the link between experimentally measured turbulence quantities and polymer induced drag reduction in pipe flows. <i>AIChE Journal</i> , 2019, 65, e16662.	3.6	10
11	A combined experimental and computational study of phase-change dynamics and flow inside a sessile water droplet freezing due to interfacial heat transfer. <i>International Journal of Heat and Mass Transfer</i> , 2021, 180, 121803.	4.8	9