

Claudiu Patrascu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

67
citations

1684188

5
h-index

1588992

8
g-index

20
all docs

20
docs citations

20
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow and wall shear rate analysis for a cruciform jet impacting on a plate at short distance. Progress in Computational Fluid Dynamics, 2020, 20, 169.	0.2	17
2	Breakup of Liquid Jets. Energy Procedia, 2016, 85, 383-389.	1.8	13
3	Temporal instability of a viscoelastic liquid thread in the presence of a surrounding viscoelastic fluid. Journal of Non-Newtonian Fluid Mechanics, 2018, 261, 164-170.	2.4	10
4	Kinematics of the viscous filament during the droplet breakup in air. Scientific Reports, 2022, 12, 1774.	3.3	8
5	Prediction and measurement of the fastest-growing mode in two-liquid systems. Physics of Fluids, 2019, 31, .	4.0	7
6	The effect of curvature elasticity on Rayleigh-Plateau instability. European Journal of Mechanics, B/Fluids, 2020, 80, 167-173.	2.5	5
7	Decay of stationary capillary waves on impinging liquid jets. Physics of Fluids, 2021, 33, 022109.	4.0	4
8	Heat and mass transfer enhancement strategies by impinging jets: A literature review. Thermal Science, 2021, 25, 2637-2652.	1.1	1
9	Drop dispensing in a viscous outer liquid. INCAS Bulletin, 2017, 9, 101-110.	0.6	1
10	Dispersion relations, capillary waves, and the Rayleigh-Plateau instability. INCAS Bulletin, 2022, 14, 75-85.	0.6	1
11	On the coalescence of colliding jets. , 2015, , .		0
12	Formation and Break-up of Pendant Drops in a Viscous Liquid. Energy Procedia, 2017, 112, 204-209.	1.8	0
13	Viscoelastic effects on drop detachment in a viscous outer fluid. , 2017, , .		0
14	Flow focusing at the interface of two immiscible liquids. , 2017, , .		0
15	Dominant-wavelength measurements in liquid-liquid systems. , 2019, , .		0
16	A peculiar behaviour of liquid jet impact. E3S Web of Conferences, 2019, 85, 05001.	0.5	0
17	Stereo MicroPIV measurements in an irrigation nozzle. E3S Web of Conferences, 2019, 85, 05005.	0.5	0
18	Drop Dispensing From Non-Circular Nozzles. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Advancing drops on curved and flat surfaces. INCAS Bulletin, 2019, 11, 223-226.	0.6	0
20	Planar liquid sheets surrounded by another immiscible liquid at low capillary Reynolds numbers. Physics of Fluids, 2021, 33, 112103.	4.0	0