

# 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	Kinematics of the viscous filament during the droplet breakup in air. <i>Scientific Reports</i> , 2022, 12, 1774.	3.3	8
2	Dispersion relations, capillary waves, and the Rayleigh-Plateau instability. <i>INCAS Bulletin</i> , 2022, 14, 75-85.	0.6	1
3	Heat and mass transfer enhancement strategies by impinging jets: A literature review. <i>Thermal Science</i> , 2021, 25, 2637-2652.	1.1	1
4	Decay of stationary capillary waves on impinging liquid jets. <i>Physics of Fluids</i> , 2021, 33, 022109.	4.0	4
5	Planar liquid sheets surrounded by another immiscible liquid at low capillary Reynolds numbers. <i>Physics of Fluids</i> , 2021, 33, 112103.	4.0	0
6	The effect of curvature elasticity on Rayleigh-Plateau instability. <i>European Journal of Mechanics, B/Fluids</i> , 2020, 80, 167-173.	2.5	5
7	Flow and wall shear rate analysis for a cruciform jet impacting on a plate at short distance. <i>Progress in Computational Fluid Dynamics</i> , 2020, 20, 169.	0.2	17
8	Dominant-wavelength measurements in liquid-liquid systems. , 2019, , .		0
9	Prediction and measurement of the fastest-growing mode in two-liquid systems. <i>Physics of Fluids</i> , 2019, 31, .	4.0	7
10	A peculiar behaviour of liquid jet impact. <i>E3S Web of Conferences</i> , 2019, 85, 05001.	0.5	0
11	Stereo MicroPIV measurements in an irrigation nozzle. <i>E3S Web of Conferences</i> , 2019, 85, 05005.	0.5	0
12	Drop Dispensing From Non-Circular Nozzles. , 2019, , .		0
13	Advancing drops on curved and flat surfaces. <i>INCAS Bulletin</i> , 2019, 11, 223-226.	0.6	0
14	Temporal instability of a viscoelastic liquid thread in the presence of a surrounding viscoelastic fluid. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2018, 261, 164-170.	2.4	10
15	Formation and Break-up of Pendant Drops in a Viscous Liquid. <i>Energy Procedia</i> , 2017, 112, 204-209.	1.8	0
16	Viscoelastic effects on drop detachment in a viscous outer fluid. , 2017, , .		0
17	Flow focusing at the interface of two immiscible liquids. , 2017, , .		0
18	Drop dispensing in a viscous outer liquid. <i>INCAS Bulletin</i> , 2017, 9, 101-110.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Breakup of Liquid Jets. Energy Procedia, 2016, 85, 383-389.	1.8	13
20	On the coalescence of colliding jets. , 2015, , .		0