

# Damir Juric

## List of Publications by Year in descending order

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13  
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citations

933447

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docs citations

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times ranked

351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive mesh axi-symmetric simulation of droplet impact with a spherical particle in mid-air. International Journal of Multiphase Flow, 2022, 155, 104193.	3.4	5
2	Three-dimensional dynamics of falling films in the presence of insoluble surfactants. Journal of Fluid Mechanics, 2021, 906, .	3.4	7
3	Dynamics of a surfactant-laden bubble bursting through an interface. Journal of Fluid Mechanics, 2021, 911, .	3.4	25
4	Direct numerical simulations of transient turbulent jets: vortex-interface interactions. Journal of Fluid Mechanics, 2021, 922, .	3.4	18
5	Role of surfactant-induced Marangoni stresses in drop-interface coalescence. Journal of Fluid Mechanics, 2021, 925, .	3.4	20
6	Dynamics of retracting surfactant-laden ligaments at intermediate Ohnesorge number. Physical Review Fluids, 2020, 5, .	2.5	20
7	Effect of surfactant on elongated bubbles in capillary tubes at high Reynolds number. Physical Review Fluids, 2020, 5, .	2.5	18
8	A hybrid interface tracking “level set” technique for multiphase flow with soluble surfactant. Journal of Computational Physics, 2018, 359, 409-435.	3.8	37
9	A solver for massively parallel direct numerical simulation of three-dimensional multiphase flows. Journal of Mechanical Science and Technology, 2017, 31, 1739-1751.	1.5	42
10	A hybrid interface method for three-dimensional multiphase flows based on front tracking and level set techniques. International Journal for Numerical Methods in Fluids, 2009, 60, 753-778.	1.6	61
11	High order level contour reconstruction method. Journal of Mechanical Science and Technology, 2007, 21, 311-326.	1.5	32
12	Modeling Three-Dimensional Multiphase Flow Using a Level Contour Reconstruction Method for Front Tracking without Connectivity. Journal of Computational Physics, 2002, 180, 427-470.	3.8	292
13	A numerical investigation of three-dimensional falling liquid films. Environmental Fluid Mechanics, 0, , 1.	1.6	2