

Theresa Trummler

List of Publications by Year in descending order

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11
papers

262
citations

1307594

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h-index

1372567

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docs citations

11
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale Analysis of Anisotropy of Reynolds Stresses, Subgrid Stresses and Dissipation in Statistically Planar Turbulent Premixed Flames. Applied Sciences (Switzerland), 2022, 12, 2275.	2.5	3
2	Numerical prediction of erosion due to a cavitating jet. Wear, 2022, 498-499, 204304.	3.1	3
3	Effect of turbulence intensity and surface tension on the emulsification process and its stationary state—A numerical study. Canadian Journal of Chemical Engineering, 2022, 100, 3548-3561.	1.7	8
4	Effect of stand-off distance and spatial resolution on the pressure impact of near-wall vapor bubble collapses. International Journal of Multiphase Flow, 2021, 141, 103618.	3.4	37
5	Numerical investigation of non-condensable gas effect on vapor bubble collapse. Physics of Fluids, 2021, 33, .	4.0	30
6	Investigation of condensation shocks and re-entrant jet dynamics in a cavitating nozzle flow by Large-Eddy Simulation. International Journal of Multiphase Flow, 2020, 125, 103215.	3.4	48
7	Near-surface dynamics of a gas bubble collapsing above a crevice. Journal of Fluid Mechanics, 2020, 899, .	3.4	52
8	LES of Cavitating Nozzle and Jet Flows. ERCOFTAC Series, 2018, , 133-139.	0.1	0
9	LARGE EDDY SIMULATIONS OF CAVITATING FLOW IN A STEP NOZZLE WITH INJECTION INTO GAS. Atomization and Sprays, 2018, 28, 931-955.	0.8	9
10	Large-eddy simulation of cavitating nozzle flow and primary jet break-up. Physics of Fluids, 2015, 27, .	4.0	71
11	Large-eddy simulation of cavitating nozzle and jet flows. Journal of Physics: Conference Series, 2015, 656, 012096.	0.4	1