

Theresa Trummler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1854080/publications.pdf>

Version: 2024-02-01

11
papers

262
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

180
citing authors

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