Xinzhi Xue

List of Publications by Year
in descending order

8 papers	**122** citations	1684188 **5** h-index	1720034 **7** g-index
8 all docs	**8** docs citations	**8** times ranked	**109** citing authors

#	Article	IF	Citations
1	Experimental and numerical investigation of cavitation phenomenon in flapper–nozzle pilot stage of an electrohydraulic servo-valve. Computers and Fluids, 2013, 88, 590-598.	2.5	57
2	Crude oil jets in crossflow: Effects of dispersant concentration on plume behavior. Journal of Geophysical Research: Oceans, 2016, 121, 4264-4281.	2.6	30
3	Formation of compound droplets during fragmentation of turbulent buoyant oil jet in water. Journal of Fluid Mechanics, 2019, 878, 98-112.	3.4	17
4	Large eddy simulation and experiment of shear breakup in liquid-liquid jet: Formation of ligaments and droplets. International Journal of Heat and Fluid Flow, 2021, 89, 108810.	2.4	9
5	Impact of a jet orifice on the hydrodynamics and the oil droplet size distribution. International Journal of Multiphase Flow, 2022, 147, 103921.	3.4	5
6	Formation of compound droplets during fragmentation of turbulent buoyant oil jet in water – ADDENDUM. Journal of Fluid Mechanics, 2020, 884, .	3.4	2
7	Flow structure and turbulence in the near field of an immiscible buoyant oil jet. Physical Review Fluids, 2021, 6, .	2.5	2
8	Refractive index matched visualization and particle image velocimetry measurements of initial breakup of turbulent oil jet. International Oil Spill Conference Proceedings, 2017, 2017, 2017328.	0.1	0