

# Xinzhi Xue

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8566148/publications.pdf>

Version: 2024-02-01

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	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
2	Flow structure and turbulence in the near field of an immiscible buoyant oil jet. Physical Review Fluids, 2021, 6, .	2.5	2
3	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
4	Formation of compound droplets during fragmentation of turbulent buoyant oil jet in water. ADDENDUM. Journal of Fluid Mechanics, 2020, 884, .	3.4	2
5	Formation of compound droplets during fragmentation of turbulent buoyant oil jet in water. Journal of Fluid Mechanics, 2019, 878, 98-112.	3.4	17
6	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
7	Crude oil jets in crossflow: Effects of dispersant concentration on plume behavior. Journal of Geophysical Research: Oceans, 2016, 121, 4264-4281.	2.6	30
8	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