

# Yucheng Jie

## List of Publications by Year in descending order

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1937685  
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59  
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#	ARTICLE	IF	CITATIONS
1	On the existence and formation of multi-scale particle streaks in turbulent channel flows. Journal of Fluid Mechanics, 2022, 935, .	3.4	16
2	Clustering of inertial spheres in evolving Taylorâ€™Green vortex flow. Physics of Fluids, 2020, 32, 043306.	4.0	12
3	Influence of the quiescent core on tracer spheroidal particle dynamics in turbulent channel flow. Journal of Turbulence, 2019, 20, 424-438.	1.4	11
4	Effects of the quiescent core in turbulent channel flow on transport and clustering of inertial particles. International Journal of Multiphase Flow, 2021, 140, 103627.	3.4	5
5	Preferential orientation of tracer spheroids in turbulent channel flow. Theoretical and Applied Mechanics Letters, 2019, 9, 212-214.	2.8	4
6	Alignment and rotation of spheroids in unsteady vortex flow. Physics of Fluids, 2021, 33, 033310.	4.0	4
7	Preferential orientation of tracer spheroids in evolving Taylorâ€™Green vortex flow. Physics of Fluids, 2022, 34, .	4.0	2