

# Kazuya U Kobayashi

## List of Publications by Year in descending order

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Version: 2024-02-01

7  
papers

21  
citations

2258059

3  
h-index

2053705

5  
g-index

8  
all docs

8  
docs citations

8  
times ranked

25  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical transition of heat transport in a physical gel near the sol-gel transition. Scientific Reports, 2016, 5, 18667.	3.3	9
2	Common Dynamical Features for Thermal Convection in Golden Syrup and Gelatin Solution. Journal of the Physical Society of Japan, 2016, 85, 104402.	1.6	3
3	Ubiquitous transient stagnant domain formation during thermal convection in a well-mixed two component fluid with large viscosity difference. Scientific Reports, 2017, 7, 12983.	3.3	3
4	Unstable yet static initial state: A universal method for studying Rayleigh-Taylor instability and lock exchange. Physical Review Fluids, 2019, 4, .	2.5	3
5	Thermal Convection in a Thermosensitive Viscous Fluid with Inhomogeneous Cooling. Journal of the Physical Society of Japan, 2017, 86, 043402.	1.6	2
6	Key connection between gravitational instability in physical gels and granular media. Scientific Reports, 2022, 12, 6290.	3.3	1
7	Mechanism of transient stagnant formation in convection of binary mixtures. Journal of Physics Condensed Matter, 2021, 33, 215101.	1.8	0