

Ashwin Joy

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

1478505

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1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

57
citing authors

#	ARTICLE	IF	CITATIONS
1	Transport phenomena in active turbulence. Pramana - Journal of Physics, 2022, 96, 1.	1.5	0
2	Effective temperature and Einstein relation for particles in active matter flows. Physical Review E, 2022, 105, .	2.1	3
3	Connecting relaxation time to a dynamical length scale in athermal active glass formers. Physical Review E, 2020, 102, 062605.	2.1	4
4	Compressible Kolmogorov flow in strongly coupled dusty plasma using molecular dynamics and computational fluid dynamics. II. A comparative study. Physics of Plasmas, 2018, 25, .	1.9	6
5	Universal scaling of pair-excess entropy and diffusion in Yukawa liquids. Physics of Plasmas, 2017, 24, 010702.	1.9	2
6	Molecular shear heating and vortex dynamics in thermostatted two dimensional Yukawa liquids. Physics of Plasmas, 2016, 23, .	1.9	7
7	Kolmogorov flow in two dimensional strongly coupled Yukawa liquid: A molecular dynamics study. Physics of Plasmas, 2015, 22, .	1.9	9
8	Kolmogorov flow in two dimensional strongly coupled dusty plasma. Physics of Plasmas, 2014, 21, 073707.	1.9	11
9	Molecular dynamics of Yukawa liquids in gravitation: Equilibrium, Instability and Transport. Journal of Plasma Physics, 2014, 80, 895-917.	2.1	1
10	On the effect of microalloying on the mechanical properties of metallic glasses. Acta Materialia, 2014, 63, 209-215.	7.9	11
11	Properties of gravitationally equilibrated Yukawa systems—A molecular dynamics study. Physics of Plasmas, 2014, 21, .	1.9	10
12	Shear banding instabilities in amorphous solids: Predicting the yield strain. , 2013, , .		0
13	Derivation of the Johnson-Samwer T^{-2} dependence of the yield strain in metallic glasses. Physical Review B, 2013, 87, .	1.9	3