Kyo Yoshida

List of Publications by Year
in descending order

24 papers	315 citations	1040056 9 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	182 citing authors

#	Article	IF	Citations
1	Anisotropic Velocity Correlation Spectrum at Small Scales in a Homogeneous Turbulent Shear Flow. Physical Review Letters, 2002, 88, 154501.	7.8	98
2	Anisotropic spectrum of homogeneous turbulent shear flow in a Lagrangian renormalized approximation. Physics of Fluids, 2003, 15, 2385-2397.	4.0	37
3	Small-scale anisotropy in stably stratified turbulence. New Journal of Physics, 2004, 6, 34-34.	2.9	34
4	Regeneration of Small Eddies by Data Assimilation in Turbulence. Physical Review Letters, 2005, 94, 014501.	7.8	33
5	Anomalous scaling of anisotropy of second-order moments in a model of a randomly advected solenoidal vector field. Physical Review E, 2000, 63, 016308.	2.1	19
6	Quantum-Enhanced Heat Engine Based on Superabsorption. Physical Review Letters, 2022, 128, 180602.	7.8	18
7	Inertial-subrange structures of isotropic incompressible magnetohydrodynamic turbulence in the Lagrangian renormalized approximation. Physics of Fluids, 2007, 19, 045106.	4.0	17
8	Scale-similar clustering of heavy particles in the inertial range of turbulence. Physical Review E, 2018, 97, 033109.	2.1	11
9	Riemannian curvature on the group of area-preserving diffeomorphisms (motions of fluid) of 2-sphere. Physica D: Nonlinear Phenomena, 1997, 100, 377-389.	2.8	10
10	Inertial-range structure of Grossâ€"Pitaevskii turbulence within a spectral closure approximation. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 335501.	2.1	8
11	Energy Spectra in Quantum Fluid Turbulence. Journal of Low Temperature Physics, 2006, 145, 219-230.	1.4	5
12	Dissipative squeezed vacuum in non-equilibrium thermo field dynamics. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 705-722.	2.6	5
13	Application of Non-Equilibrium Thermo Field Dynamics to quantum teleportation under the environment. Physica A: Statistical Mechanics and Its Applications, 2014, 404, 242-270.	2.6	4
14	Spectrum in the Strong Turbulence Region of Grossâ€"Pitaevskii Turbulence. Journal of Low Temperature Physics, 2019, 196, 211-217.	1.4	3
15	Statistical Laws of Velocity Circulation in Homogeneous Turbulence. Journal of the Physical Society of Japan, 2000, 69, 1661-1671.	1.6	2
16	Boltzmann entropy for quantum field systems. Physical Review A, 2020, 101, .	2.5	2
17	LES Modelings based on the Lagrangian Renormalized Approximation. , 2003, , 203-218.		2
18	LES of Stably Stratified Turbulence. , 2003, , 219-228.		2

#	Article	IF	Citations
19	Constitutive equations for granular flow with uniform mean shear and spin fields. Condensed Matter Physics, 2011, 14, 13401.	0.7	2
20	Hessian-based Lagrangian closure theory for passive scalar turbulence. Physical Review Fluids, 2021, 6, .	2.5	2
21	Typicality and statewise entropy for classical field systems. Europhysics Letters, 2015, 110, 60001.	2.0	1
22	Numerical simulation of 2D granular particles and its analyses by means of the micropolar fluid model. Open Physics, 2012, 10, .	1.7	0
23	Multifractal PDF Analysis of Energy Dissipation Rates in Turbulence. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2008, , 117-123.	0.2	0
24	Numerical Simulation of Quantum Fluid Turbulence. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2008, , 379-384.	0.2	0