

# Kyo Yoshida

## List of Publications by Year in descending order

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24  
papers

315  
citations

1040056

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h-index

839539

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g-index

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all docs

24  
docs citations

24  
times ranked

182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum-Enhanced Heat Engine Based on Superabsorption. <i>Physical Review Letters</i> , 2022, 128, 180602.	7.8	18
2	Hessian-based Lagrangian closure theory for passive scalar turbulence. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	2
3	Boltzmann entropy for quantum field systems. <i>Physical Review A</i> , 2020, 101, .	2.5	2
4	Spectrum in the Strong Turbulence Region of Gross-Pitaevskii Turbulence. <i>Journal of Low Temperature Physics</i> , 2019, 196, 211-217.	1.4	3
5	Scale-similar clustering of heavy particles in the inertial range of turbulence. <i>Physical Review E</i> , 2018, 97, 033109.	2.1	11
6	Typicality and statewise entropy for classical field systems. <i>Europhysics Letters</i> , 2015, 110, 60001.	2.0	1
7	Application of Non-Equilibrium Thermo Field Dynamics to quantum teleportation under the environment. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 404, 242-270.	2.6	4
8	Inertial-range structure of Gross-Pitaevskii turbulence within a spectral closure approximation. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 335501.	2.1	8
9	Numerical simulation of 2D granular particles and its analyses by means of the micropolar fluid model. <i>Open Physics</i> , 2012, 10, .	1.7	0
10	Constitutive equations for granular flow with uniform mean shear and spin fields. <i>Condensed Matter Physics</i> , 2011, 14, 13401.	0.7	2
11	Dissipative squeezed vacuum in non-equilibrium thermo field dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 705-722.	2.6	5
12	Multifractal PDF Analysis of Energy Dissipation Rates in Turbulence. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2008, , 117-123.	0.2	0
13	Numerical Simulation of Quantum Fluid Turbulence. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2008, , 379-384.	0.2	0
14	Inertial-subrange structures of isotropic incompressible magnetohydrodynamic turbulence in the Lagrangian renormalized approximation. <i>Physics of Fluids</i> , 2007, 19, 045106.	4.0	17
15	Energy Spectra in Quantum Fluid Turbulence. <i>Journal of Low Temperature Physics</i> , 2006, 145, 219-230.	1.4	5
16	Regeneration of Small Eddies by Data Assimilation in Turbulence. <i>Physical Review Letters</i> , 2005, 94, 014501.	7.8	33
17	Small-scale anisotropy in stably stratified turbulence. <i>New Journal of Physics</i> , 2004, 6, 34-34.	2.9	34
18	Anisotropic spectrum of homogeneous turbulent shear flow in a Lagrangian renormalized approximation. <i>Physics of Fluids</i> , 2003, 15, 2385-2397.	4.0	37

#	ARTICLE	IF	CITATIONS
19	LES Modelings based on the Lagrangian Renormalized Approximation. , 2003, , 203-218.		2
20	LES of Stably Stratified Turbulence. , 2003, , 219-228.		2
21	Anisotropic Velocity Correlation Spectrum at Small Scales in a Homogeneous Turbulent Shear Flow. Physical Review Letters, 2002, 88, 154501.	7.8	98
22	Statistical Laws of Velocity Circulation in Homogeneous Turbulence. Journal of the Physical Society of Japan, 2000, 69, 1661-1671.	1.6	2
23	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
24	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