

# Taketo Ariki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8718956/publications.pdf>

Version: 2024-02-01

11  
papers

40  
citations

2258059

3  
h-index

1872680

6  
g-index

11  
all docs

11  
docs citations

11  
times ranked

35  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scale-similar clustering of heavy particles in the inertial range of turbulence. <i>Physical Review E</i> , 2018, 97, 033109.	2.1	11
2	Covariance of fluid-turbulence theory. <i>Physical Review E</i> , 2015, 91, 053001.	2.1	9
3	Mean-Lagrangian formalism and covariance of fluid turbulence. <i>Physical Review E</i> , 2017, 95, 053102.	2.1	3
4	Field theory of hyperfluid. <i>Classical and Quantum Gravity</i> , 2018, 35, 035003.	4.0	3
5	Constitutive theory of inhomogeneous turbulent flow based on two-scale Lagrangian formalism. <i>Physics of Fluids</i> , 2019, 31, 065104.	4.0	3
6	Higher-order realizable algebraic Reynolds stress modeling based on the square root tensor. <i>Physical Review Fluids</i> , 2019, 4, .	2.5	3
7	Turbulence constitutive modeling of the square root of the Reynolds stress. <i>Physical Review E</i> , 2015, 92, 053010.	2.1	2
8	Field theory of the Eulerian perfect fluid. <i>Classical and Quantum Gravity</i> , 2018, 35, 015007.	4.0	2
9	Error Growth in Three-Dimensional Homogeneous Turbulence. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 124401.	1.6	2
10	Hessian-based Lagrangian closure theory for passive scalar turbulence. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	2
11	An analytical turbulence modeling based on the double-Lagrangian formalism. <i>Journal of Fluid Science and Technology</i> , 2019, 14, JFST0019-JFST0019.	0.6	0