

Hiroki Suzuki

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

280
citations

1163117

8
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-series observation of the effects of kinetic energy conservation error on isotropic and anisotropic steady incompressible turbulence. Journal of Physics: Conference Series, 2021, 1978, 012026.	0.4	2
2	Visualization of intermittency of low-Reynolds-number anisotropic steady incompressible turbulence using implicit/SGS-model-based large-eddy simulation. Journal of Physics: Conference Series, 2021, 1983, 012041.	0.4	2
3	Scalar structures around the mixing interface of a thermal mixing layer in multiscale-generated decaying turbulent flows visualized using DNS database. Journal of Physics: Conference Series, 2021, 1978, 012012.	0.4	0
4	Impact of difference between explicit and implicit second-order time integration schemes on isotropic/anisotropic steady incompressible turbulence field. Journal of Physics: Conference Series, 2021, 2090, 012145.	0.4	1
5	Quasi-analytical solutions of a turbulence-modeling equation on the robustness of decaying homogeneous turbulence. Advances in Mechanical Engineering, 2020, 12, 168781402090782.	1.6	4
6	Numerical-based theoretical analysis on effects of weak fluid acceleration of free-stream due to wind-tunnel blockage on grid-generated turbulence. Flow Measurement and Instrumentation, 2018, 62, 1-8.	2.0	26
7	Numerical-based theoretical analysis on the decay of homogeneous turbulence affected by small strain based on constant and linear strain variations. Journal of Physics: Conference Series, 2018, 1053, 012039.	0.4	2
8	Validation scheme for small effect of wind tunnel blockage on decaying grid-generated turbulence. Journal of Fluid Science and Technology, 2016, 11, JFST0012-JFST0012.	0.6	19
9	Relevance of turbulence behind the single square grid to turbulence generated by regular- and multiscale-grids. Physics of Fluids, 2014, 26, .	4.0	49
10	Research of electric power regeneration using automotive cooling fan (Improvement of wind turbine) Tj ETQq0 0 0 rgBT /Overlock 10 TF	0.2	3
11	DNS study on the development of boundary layer with heat transfer under the effects of external and internal disturbances. Journal of Fluid Science and Technology, 2014, 9, JFST0005-JFST0005.	0.6	1
12	Turbulence structure and turbulence kinetic energy transport in multiscale/fractal-generated turbulence. Physics of Fluids, 2013, 25, .	4.0	86
13	VISUALIZATION OF TURBULENT REACTIVE JET BY USING DIRECT NUMERICAL SIMULATION. International Journal of Modeling, Simulation, and Scientific Computing, 2013, 04, 1341001.	1.4	13
14	Analysis of Flow Characteristics of Turbulent Plane Jets Based on Velocity and Scalar Fields Using DNS. Journal of Fluid Science and Technology, 2013, 8, 247-261.	0.6	17
15	Improved PIV Analysis Using an Interpolation Technique (Analysis on Improvement Effects of the) Tj ETQq1 1 0.784314 rgBT /Overlock 1 of the Japan Society of Mechanical Engineers Series B B-hen, 2012, 78, 1248-1259.	0.2	2
16	Quantitative visualization of high-Schmidt-number turbulent mixing in grid turbulence by means of PLIF. Journal of Visualization, 2012, 15, 109-117.	1.8	12
17	Direct numerical simulation of turbulent mixing in grid-generated turbulence. Physica Scripta, 2008, T132, 014054.	2.5	41