

Saleh Rezaeiravesh

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

204
citations

1307594

7
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	A library for wall-modelled large-eddy simulation based on OpenFOAM technology. <i>Computer Physics Communications</i> , 2019, 239, 204-224.	7.5	48
2	Assessment of uncertainties in hot-wire anemometry and oil-film interferometry measurements for wall-bounded turbulent flows. <i>European Journal of Mechanics, B/Fluids</i> , 2018, 72, 57-73.	2.5	36
3	Applying Bayesian optimization with Gaussian process regression to computational fluid dynamics problems. <i>Journal of Computational Physics</i> , 2022, 449, 110788.	3.8	34
4	Effect of grid resolution on large eddy simulation of wall-bounded turbulence. <i>Physics of Fluids</i> , 2018, 30, 055106.	4.0	32
5	Systematic study of accuracy of wall-modeled large eddy simulation using uncertainty quantification techniques. <i>Computers and Fluids</i> , 2019, 185, 34-58.	2.5	21
6	On numerical uncertainties in scale-resolving simulations of canonical wall turbulence. <i>Computers and Fluids</i> , 2021, 227, 105024.	2.5	12
7	UQit: A Python package for uncertainty quantification (UQ) in computational fluid dynamics (CFD). <i>Journal of Open Source Software</i> , 2021, 6, 2871.	4.6	8
8	An uncertainty-quantification framework for assessing accuracy, sensitivity, and robustness in computational fluid dynamics. <i>Journal of Computational Science</i> , 2022, 62, 101688.	2.9	7
9	Towards Multifidelity Models with Calibration for Turbulent Flows. , 0, , .		3
10	ON GRID RESOLUTION REQUIREMENTS FOR LES OF WALL-BOUNDED FLOWS. , 2016, , .		3