

# George Ilhwan Park

## List of Publications by Year in descending order

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15  
papers

938  
citations

758635

12  
h-index

1058022

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wall-Modeled Large-Eddy Simulation of Turbulent Boundary Layers with Mean-Flow Three-Dimensionality. <i>AIAA Journal</i> , 2021, 59, 1707-1717.	1.5	9
2	A discontinuous Galerkin method for wall-modeled large-eddy simulations. <i>Computers and Fluids</i> , 2021, 222, 104933.	1.3	4
3	Large eddy simulation of aircraft at affordable cost: a milestone in computational fluid dynamics. <i>Flow</i> , 2021, 1, .	1.0	42
4	Non-equilibrium three-dimensional boundary layers at moderate Reynolds numbers. <i>Journal of Fluid Mechanics</i> , 2020, 883, .	1.4	34
5	Wall-Modeled Large-Eddy Simulation for Complex Turbulent Flows. <i>Annual Review of Fluid Mechanics</i> , 2018, 50, 535-561.	10.8	322
6	Wall-Modeled Large-Eddy Simulation of a High Reynolds Number Separating and Reattaching Flow. <i>AIAA Journal</i> , 2017, 55, 3709-3721.	1.5	58
7	A simple dynamic subgrid-scale model for LES of particle-laden turbulence. <i>Physical Review Fluids</i> , 2017, 2, .	1.0	37
8	Log-layer mismatch and modeling of the fluctuating wall stress in wall-modeled large-eddy simulations. <i>Physical Review Fluids</i> , 2017, 2, .	1.0	103
9	Constant-energetics physical-space forcing methods for improved convergence to homogeneous-isotropic turbulence with application to particle-laden flows. <i>Physics of Fluids</i> , 2016, 28, .	1.6	46
10	Wall-Modeling in Complex Turbulent Flows. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2016, , 207-219.	0.2	14
11	Wall-modeled LES in Unstructured Grids: Application to the NASA Wall-mounted Hump. , 2016, , .		4
12	Numerical aspects and implementation of a two-layer zonal wall model for LES of compressible turbulent flows on unstructured meshes. <i>Journal of Computational Physics</i> , 2016, 305, 589-603.	1.9	46
13	Space-time characteristics of wall-pressure and wall shear-stress fluctuations in wall-modeled large eddy simulation. <i>Physical Review Fluids</i> , 2016, 1, .	1.0	41
14	An improved dynamic non-equilibrium wall-model for large eddy simulation. <i>Physics of Fluids</i> , 2014, 26, .	1.6	147
15	Boundary layer turbulence in transitional and developed states. <i>Physics of Fluids</i> , 2012, 24, .	1.6	31