

Li Weipeng

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

381
citations

840776

11
h-index

752698

20
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21
all docs

21
docs citations

21
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Decomposition of the mean friction drag on an NACA4412 airfoil under uniform blowing/suction. <i>Journal of Fluid Mechanics</i> , 2022, 932, .	3.4	13
2	On the mechanism of acoustic resonances from a leading-edge slat. <i>Aerospace Science and Technology</i> , 2021, 113, 106711.	4.8	8
3	Three-Dimensional Shock-Wave/Boundary-Layer Interaction in Supersonic Flow Past a Finite-Span Sharp Wedge. <i>International Journal of Aeronautical and Space Sciences</i> , 2020, 21, 329-336.	2.0	3
4	On the structure of streamwise wall-shear stress fluctuations in turbulent channel flows. <i>Journal of Fluid Mechanics</i> , 2020, 903, .	3.4	24
5	Turbulence statistics of flow over a drag-reducing and a drag-increasing riblet-mounted surface. <i>Aerospace Science and Technology</i> , 2020, 104, 106003.	4.8	6
6	Energy-based decomposition of friction drag in turbulent square-duct flows. <i>International Journal of Heat and Fluid Flow</i> , 2020, 86, 108731.	2.4	3
7	On the structure of streamwise wall-shear stress fluctuations in turbulent channel flows. <i>Journal of Physics: Conference Series</i> , 2020, 1522, 012010.	0.4	1
8	Uncovering Townsend's wall-attached eddies in low-Reynolds-number wall turbulence. <i>Journal of Fluid Mechanics</i> , 2020, 889, .	3.4	23
9	Decomposition of the mean friction drag in adverse-pressure-gradient turbulent boundary layers. <i>Physical Review Fluids</i> , 2020, 5, .	2.5	18
10	Decomposition of the mean skin-friction drag in compressible turbulent channel flows. <i>Journal of Fluid Mechanics</i> , 2019, 875, 101-123.	3.4	63
11	Decomposition of the mean friction drag in zero-pressure-gradient turbulent boundary layers. <i>Physics of Fluids</i> , 2019, 31, .	4.0	35
12	Effects of the Reynolds number on the mean skin friction decomposition in turbulent channel flows. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2019, 40, 331-342.	3.6	19
13	Identity of attached eddies in turbulent channel flows with bidimensional empirical mode decomposition. <i>Journal of Fluid Mechanics</i> , 2019, 870, 1037-1071.	3.4	48
14	Two-point statistics of coherent structures in turbulent flow over riblet-mounted surfaces. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2019, 35, 457-471.	3.4	10
15	Large-eddy simulation of shock-wave/boundary-layer interaction control using a backward facing step. <i>Aerospace Science and Technology</i> , 2019, 84, 1011-1019.	4.8	27
16	Geometrical structure analysis of a zero-pressure-gradient turbulent boundary layer. <i>Journal of Fluid Mechanics</i> , 2018, 846, 318-340.	3.4	1
17	Suppression of Supersonic Cavity Oscillations Using Pulsed Upstream Mass Injection. <i>International Journal of Aerospace Engineering</i> , 2016, 2016, 1-6.	0.9	2
18	Effect of Initialized Method on the Three-dimensional Secondary Wake Instability of Elongated Bluff Body. <i>Procedia Engineering</i> , 2015, 126, 93-97.	1.2	0

#	ARTICLE	IF	CITATIONS
19	Feedback Mechanism in Supersonic Laminar Cavity Flows. AIAA Journal, 2013, 51, 253-257.	2.6	23
20	On the feedback mechanism in supersonic cavity flows. Physics of Fluids, 2013, 25, .	4.0	32
21	Mechanism of controlling supersonic cavity oscillations using upstream mass injection. Physics of Fluids, 2013, 25, .	4.0	22