

Jianxin Liu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1478505

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1372567

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docs citations

10
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Secondary instability of Mack mode disturbances in hypersonic boundary layers over micro-porous surface. <i>Physics of Fluids</i> , 2020, 32, .	4.0	31
2	On the receptivity of surface plasma actuation in high-speed boundary layers. <i>Physics of Fluids</i> , 2020, 32, .	4.0	17
3	Pressure gradient effects on the secondary instability of Mack mode disturbances in hypersonic boundary layers. <i>Physics of Fluids</i> , 2021, 33, .	4.0	13
4	Effect of wall-cooling on Mack-mode instability in high speed flat-plate boundary layers. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2016, 37, 1219-1230.	3.6	12
5	Görtler vortices and streaks in boundary layer subject to pressure gradient: excitation by free stream vortical disturbances, nonlinear evolution and secondary instability. <i>Journal of Fluid Mechanics</i> , 2020, 900, .	3.4	12
6	Linear spatial instability analysis in 3D boundary layers using plane-marching 3D-LPSE. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2016, 37, 1013-1030.	3.6	7
7	Wall-cooling effects on secondary instabilities of Mack mode disturbances at Mach 6. <i>Physics of Fluids</i> , 2022, 34, .	4.0	5
8	Instability of Supersonic Radiation Mode in Hypersonic Boundary Layers. <i>AIAA Journal</i> , 2021, 59, 4544-4555.	2.6	2
9	Improvement for expansion of parabolized stability equation method in boundary layer stability analysis. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2018, 39, 1737-1754.	3.6	1
10	Linear stability theory with the equivalent spanwise wavenumber correction in 3D boundary layers. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2019, 40, 407-420.	3.6	1