

Liang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

76
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

50
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Control of stationary crossflow modes in swept Hiemenz flows with dielectric barrier discharge plasma actuators. <i>Physics of Fluids</i> , 2017, 29, . | 4.0 | 13 |
| 2 | A novel V-shaped layout method for VIV hydrokinetic energy converters inspired by geese flying in a V-Formation. <i>Energy</i> , 2021, 230, 120811. | 8.8 | 13 |
| 3 | Drag reduction in turbulent channel flows by a spanwise traveling wave of wall blowing and suction. <i>Physics of Fluids</i> , 2021, 33, . | 4.0 | 12 |
| 4 | Secondary instability of the hypersonic high-enthalpy boundary layers with thermal-chemical nonequilibrium effects. <i>Physics of Fluids</i> , 2021, 33, . | 4.0 | 11 |
| 5 | Parabolized Stability Analysis of Hypersonic Thermal-chemical Nonequilibrium Boundary-Layer Flows. <i>AIAA Journal</i> , 2021, 59, 2382-2395. | 2.6 | 9 |
| 6 | Control of crossflow instability over a swept wing using dielectric-barrier-discharge plasma actuators. <i>International Journal of Heat and Fluid Flow</i> , 2018, 73, 209-222. | 2.4 | 8 |
| 7 | Energy transfer of hypersonic and high-enthalpy boundary layer instabilities and transition. <i>Physical Review Fluids</i> , 2022, 7, . | 2.5 | 6 |
| 8 | Detached-Eddy Simulations for Active Flow Control. <i>AIAA Journal</i> , 2018, 56, 1447-1462. | 2.6 | 2 |
| 9 | Gap-induced transition via oblique breakdown at Mach 6. <i>Shock Waves</i> , 2019, 29, 1181-1190. | 1.9 | 2 |
| 10 | Improved Delayed Detached-Eddy Simulations of Actively Controlled Flow. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2018, , 53-75. | 0.3 | 0 |