

# Liang Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3170912/publications.pdf>

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