Fei Liao

List of Publications by Year
in descending order

13 papers	**110** citations	1307594 **7** h-index	1281871 **11** g-index
13 all docs	**13** docs citations	**13** times ranked	**54** citing authors

#	Article	IF	Citations
1	On turbulent flow and aerodynamic noise of generic side-view mirror with cell-centred finite difference method. Journal of Turbulence, 2022, 23, 97-123.	1.4	1
2	Convergence acceleration for subiterative DDADI/D3ADI using multiblock implicit boundary condition. Journal of Computational Physics, 2021, 429, 110009.	3.8	3
3	On the capability of the curvilinear immersed boundary method in predicting near-wall turbulence of turbulent channel flows. Theoretical and Applied Mechanics Letters, 2021, 11, 100279.	2.8	2
4	High-order adapter schemes for cell-centered finite difference method. Journal of Computational Physics, 2020, 403, 109090.	3.8	11
5	Compact Schemes for Multiscale Flows with Cell-Centered Finite Difference Method. Journal of Scientific Computing, 2020, 85, 1.	2.3	3
6	Grid-dependence study for simulating propeller crashback using large-eddy simulation with immersed boundary method. Ocean Engineering, 2020, 218, 108211.	4.3	15
7	Investigation on rod-airfoil noise with high-order cell-centered finite difference method and acoustic analogy. Aerospace Science and Technology, 2020, 102, 105851.	4.8	11
8	Numerical Simulation of 30P30N Multi-Element Airfoil Using Delayed Detached-Eddy Simulation. , 2020, , .		3
9	A simulation-based actuator surface parameterization for large-eddy simulation of propeller wakes. Ocean Engineering, 2020, 199, 107023.	4.3	19
10	Investigation of high-order cell-centered finite difference method for aeroacoustics. , 2019, , .		0
11	Optimized low-dissipation and low-dispersion schemes for compressible flows. Journal of Computational Physics, 2018, 371, 820-849.	3.8	12
12	Extending geometric conservation law to cell-centered finite difference methods on stationary grids. Journal of Computational Physics, 2015, 284, 419-433.	3.8	23
13	Extending geometric conservation law to cell-centered finite difference methods on moving and deforming grids. Journal of Computational Physics, 2015, 303, 212-221.	3.8	7