Ping He

List of Publications by Year
in descending order

10 papers	74 citations	1684188 5 h-index	1720034 7 g-index
10 all docs	10 docs citations	10 times ranked	56 citing authors

#	Article	IF	Citations
1	A high order finite difference solver for massively parallel simulations of stably stratified turbulent channel flows. Computers and Fluids, 2016, 127, 161-173.	2.5	17
2	Mapping optical ray trajectories through island wake vortices. Meteorology and Atmospheric Physics, 2015, 127, 355-368.	2.0	12
3	Parametrizing the Energy Dissipation Rate in Stably Stratified Flows. Boundary-Layer Meteorology, 2021, 178, 167-184.	2.3	11
4	Extending a surface-layer Cn2 model for strongly stratified conditions utilizing a numerically generated turbulence dataset. Optics Express, 2016, 24, 9574.	3.4	9
5	Development of similarity relationships for energy dissipation rate and temperature structure parameter in stably stratified flows: a direct numerical simulation approach. Environmental Fluid Mechanics, 2016, 16, 373-399.	1.6	9
6	Quantifying the Dependence of Temperature and Refractive Index Structure Parameters on Atmospheric Stability using Direct and Large-Eddy Simulations. , 2014, , .		4
7	On the dissipation rate of temperature fluctuations in stably stratified flows. Environmental Fluid Mechanics, 2021, 21, 63-82.	1.6	4
8	Comparison of atmospheric refractive index gradient variations derived from time-lapse imagery and mesoscale modeling. , 2015, , .		4
9	Influence of heterogeneous refractivity on optical wave propagation in coastal environments. Meteorology and Atmospheric Physics, 2015, 127, 685-699.	2.0	3
10	Mesoscale modeling of optical turbulence (C2n) utilizing a novel physically-based parameterization. , 2015, , .		1