

Michael Heisel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4406930/publications.pdf>

Version: 2024-02-01

13
papers

185
citations

1163117
8
h-index

1199594
12
g-index

13
all docs

13
docs citations

13
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	The spatial structure of the logarithmic region in very-high-Reynolds-number rough wall turbulent boundary layers. Journal of Fluid Mechanics, 2018, 857, 704-747.	3.4	42
2	The spectral signature of wind turbine wake meandering: A wind tunnel and field-scale study. Wind Energy, 2018, 21, 715-731.	4.2	36
3	Predictive model for local scour downstream of hydrokinetic turbines in erodible channels. Physical Review Fluids, 2018, 3, .	2.5	20
4	On the mixing length eddies and logarithmic mean velocity profile in wall turbulence. Journal of Fluid Mechanics, 2020, 887, .	3.4	19
5	Settling and clustering of snow particles in atmospheric turbulence. Journal of Fluid Mechanics, 2021, 912, .	3.4	19
6	Velocity asymmetry and turbulent transport closure in smooth- and rough-wall boundary layers. Physical Review Fluids, 2020, 5, .	2.5	13
7	A Mixed Length Scale Model for Migrating Fluvial Bedforms. Geophysical Research Letters, 2020, 47, e10.1029/2019GL086625.	4.0	12
8	Prograde vortices, internal shear layers and the Taylor microscale in high-Reynolds-number turbulent boundary layers. Journal of Fluid Mechanics, 2021, 920, .	3.4	8
9	Self-similar geometries within the inertial subrange of scales in boundary layer turbulence. Journal of Fluid Mechanics, 2022, 942, .	3.4	5
10	Reducing wind-induced vibrations of road sign structures through aerodynamic modifications: A computational pilot study for a practical example. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 199, 104132.	3.9	4
11	Gentle Topography Increases Vertical Transport of Coarse Dust by Orders of Magnitude. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034564.	3.3	4
12	Effect of finite Reynolds number on self-similar crossing statistics and fractal measurements in turbulence. Physical Review Fluids, 2022, 7, .	2.5	3
13	Aerodynamics of Highway Sign Structures: From Laboratory Tests and Field Monitoring to Structural Design Guidelines. Journal of Structural Engineering, 2020, 146, 04020233.	3.4	0