

# Michael A Leschziner

## List of Publications by Year in descending order

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13  
papers

967  
citations

840776

11  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

635  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of turbulent skin-friction drag reduction by near-wall transverse forcing. Progress in Aerospace Sciences, 2021, 123, 100713.	12.1	68
2	Friction-Drag Reduction by Transverse Wall Motion – A Review. Journal of Mechanics, 2020, 36, 649-663.	1.4	18
3	Can large-scale oblique undulations on a solid wall reduce the turbulent drag?. Physics of Fluids, 2017, 29, .	4.0	36
4	Pattern prediction by linear analysis of turbulent flow with drag reduction by wall oscillation. Journal of Fluid Mechanics, 2013, 724, 607-641.	3.4	31
5	The streamwise drag-reduction response of a boundary layer subjected to a sudden imposition of transverse oscillatory wall motion. Physics of Fluids, 2013, 25, 075109.	4.0	34
6	Near-wall streak modification by spanwise oscillatory wall motion and drag-reduction mechanisms. Journal of Fluid Mechanics, 2012, 693, 150-200.	3.4	127
7	Large-eddy simulation of turbulent boundary layer separation from a rounded step. Journal of Turbulence, 2012, 13, N4.	1.4	51
8	Simulation of slot and round synthetic jets in the context of boundary-layer separation control. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 1495-1512.	3.4	31
9	Large-Eddy simulations of circular synthetic jets in quiescent surroundings and in turbulent cross-flow. International Journal of Heat and Fluid Flow, 2009, 30, 421-434.	2.4	21
10	Large-Eddy Simulations of Synthetic Jets in Stagnant Surroundings and Turbulent Cross-Flow. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2008, , 127-134.	0.2	3
11	Highly resolved large-eddy simulation of separated flow in a channel with streamwise periodic constrictions. Journal of Fluid Mechanics, 2005, 526, 19-66.	3.4	350
12	Investigation of wall-function approximations and subgrid-scale models in large eddy simulation of separated flow in a channel with streamwise periodic constrictions. International Journal of Heat and Fluid Flow, 2003, 24, 157-180.	2.4	191
13	AT THE CROSSROADS OF TURBULENCE MODELLING AND SIMULATION: OPPORTUNITIES AND CHALLENGES. , 2002, , .		3