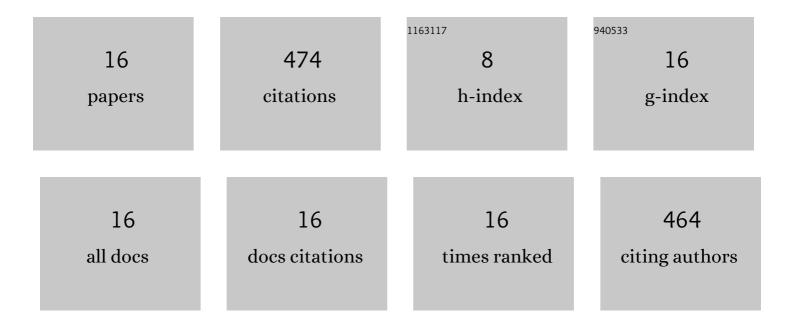
Matt K Fu

List of Publications by Year in descending order

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Μλττ Κ Ει

#	Article	IF	CITATIONS
1	Turbulent drag reduction over air- and liquid- impregnated surfaces. Physics of Fluids, 2016, 28, .	4.0	125
2	Fully resolved measurements of turbulent boundary layer flows up to. Journal of Fluid Mechanics, 2018, 851, 391-415.	3.4	84
3	Liquid-infused surfaces as a passive method of turbulent drag reduction. Journal of Fluid Mechanics, 2017, 824, 688-700.	3.4	68
4	An energy-efficient pathway to turbulent drag reduction. Nature Communications, 2021, 12, 5805.	12.8	59
5	Comparison between super-hydrophobic, liquid infused and rough surfaces: a direct numerical simulation study. Journal of Fluid Mechanics, 2019, 869, 500-525.	3.4	40
6	Effect of Reynolds number and saturation level on gas diffusion in and out of a superhydrophobic surface. Physical Review Fluids, 2017, 2, .	2.5	36
7	Investigation of the atmospheric surface layer using a novel high-resolution sensor array. Experiments in Fluids, 2021, 62, 1.	2.4	11
8	Turbulent nonpremixed cool flames: Experimental measurements, Direct Numerical Simulation, and manifold-based combustion modeling. Combustion and Flame, 2019, 209, 144-154.	5.2	9
9	Experimental investigations of liquid-infused surface robustness under turbulent flow. Experiments in Fluids, 2019, 60, 1.	2.4	9
10	Development of a nanoscale hot-wire probe for supersonic flow applications. Experiments in Fluids, 2019, 60, 1.	2.4	7
11	A Soft Material Flow Sensor for Micro Air Vehicles. Soft Robotics, 2021, 8, 119-127.	8.0	7
12	Design and validation of a nanoscale cross-wire probe (X-NSTAP). Experiments in Fluids, 2019, 60, 1.	2.4	6
13	Elastic filament velocimetry (EFV). Measurement Science and Technology, 2017, 28, 025301.	2.6	5
14	Development of instrumentation for measurements of two components of velocity with a single sensing element. Measurement Science and Technology, 2018, 29, 025304.	2.6	3
15	A single-camera, 3D scanning velocimetry system for quantifying active particle aggregations. Experiments in Fluids, 2021, 62, 1.	2.4	3
16	Examining the inertial subrange with nanoscale cross-wire measurements of turbulent pipe flow at high Reynolds number near the centreline. Journal of Fluid Mechanics, 2021, 919, .	3.4	2