

Nikolaos Beratlis

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

133
citations

1478505

6
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	A Numerical and Experimental Investigation of Transitional Pulsatile Flow in a Stenosed Channel. Journal of Biomechanical Engineering, 2005, 127, 1147-1157.	1.3	32
2	Numerical investigation of the flow over a golf ball in the subcritical and supercritical regimes. International Journal of Heat and Fluid Flow, 2010, 31, 262-273.	2.4	32
3	On the spatial resolution of velocity and velocity gradient-based turbulence statistics measured with multi-sensor hot-wire probes. Experiments in Fluids, 2009, 46, 109.	2.4	16
4	Direct numerical simulations of transitional pulsatile flow through a constriction. Journal of Fluid Mechanics, 2007, 587, 425-451.	3.4	13
5	Effects of dimples on laminar boundary layers. Journal of Turbulence, 2014, 15, 611-627.	1.4	11
6	Numerical investigation of Magnus effect on dimpled spheres. Journal of Turbulence, 2012, 13, N15.	1.4	9
7	On the origin of the drag force on dimpled spheres. Journal of Fluid Mechanics, 2019, 879, 147-167.	3.4	7
8	The role of surface texturing on the physics of boundary layer separation over a bump. International Journal of Heat and Fluid Flow, 2018, 73, 223-235.	2.4	6
9	Simulations of laminar boundary-layer flow encountering large-scale surface indentions. Physics of Fluids, 2016, 28, .	4.0	3
10	Effects of highly pulsatile inflow frequency on surface-mounted bluff body wakes. Journal of Fluid Mechanics, 2020, 904, .	3.4	2
11	Direct Numerical Simulations of a Great Horn Owl in Flapping Flight. Integrative and Comparative Biology, 2020, 60, 1091-1108.	2.0	2