Nico De Tullio

List of Publications by Year
in descending order

7 papers	260 citations	1478505 6 h-index	1720034 7 g-index
7 all docs	7 docs citations	7 times ranked	203 citing authors

#	Article	IF	Citations
1	Laminar–turbulent transition induced by a discrete roughness element in a supersonic boundary layer. Journal of Fluid Mechanics, 2013, 735, 613-646.	3.4	139
2	Direct numerical simulation of breakdown to turbulence in a Mach 6 boundary layer over a porous surface. Physics of Fluids, 2010, 22, .	4.0	32
3	Influence of boundary-layer disturbances on the instability of a roughness wake in a high-speed boundary layer. Journal of Fluid Mechanics, 2015, 763, 136-165.	3.4	29
4	Direct Numerical Simulations of Transonic Flow Around an Airfoil at Moderate Reynolds Numbers. AIAA Journal, 2019, 57, 597-607.	2.6	25
5	A numerical evaluation of the asymptotic theory of receptivity for subsonic compressible boundary layers. Journal of Fluid Mechanics, 2015, 771, 520-546.	3.4	19
6	An error indicator for finite difference methods using spectral techniques with application to aerofoil simulation. Computers and Fluids, 2018, 168, 67-72.	2.5	12
7	Instability Study of the Wake Behind a Discrete Roughness Element in a Hypersonic Boundary-Layer. Fluid Mechanics and Its Applications, 2015, , 91-96.	0.2	4