

Samuel Mallinson

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

155
citations

1478505

6
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	The interaction of a shock wave with a laminar boundary layer at a compression corner in high-enthalpy flows including real gas effects. Journal of Fluid Mechanics, 1997, 342, 1-35.	3.4	48
2	Heat transfer measurement of turbulent spots in a hypersonic blunt-body boundary layer. Journal of Fluid Mechanics, 2006, 555, 81.	3.4	35
3	High-enthalpy, hypersonic compression corner flow. AIAA Journal, 1996, 34, 1130-1137.	2.6	26
4	Leading-edge bluntness effects in high enthalpy, hypersonic compression corner flow. AIAA Journal, 1996, 34, 2284-2290.	2.6	15
5	Upstream influence and peak heating in hypervelocity shock wave/boundary-layer interaction. Journal of Propulsion and Power, 1996, 12, 984-990.	2.2	10
6	Leading-edge bluntness effects in hypervelocity flat plate flow. Physics of Fluids, 2020, 32, 046106.	4.0	8
7	Shock Wave/Boundary Layer Interaction in High-Enthalpy Compression Corner Flow. , 1995, , 87-92.		8
8	Investigation of the vortex instability in a two-dimensional inkjet print-zone using numerical analysis. Physical Review Fluids, 2022, 7, .	2.5	2
9	An experimental investigation of hypervelocity flow in a conical nozzle. Flow, Turbulence and Combustion, 1996, 57, 81-93.	0.2	1
10	Three-dimensional numerical simulations of synthetic jet actuator flows in a microchannel. , 2004, , .		1
11	Influence of synthetic jet location on boundary layer separation control. , 2004, , .		1