

David Degani

List of Publications by Year in descending order

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15
papers

703
citations

933264

10
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational fluid-structure interaction of a restrained ogive-cylindrical body with a blunt elliptical base at a high incidence. <i>Physical Review Fluids</i> , 2021, 6, .	1.0	1
2	An efficient technique for estimating the two-dimensional temperature distributions around multiple cryo-surgical probes based on combining contributions of unit circles. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 1462-1474.	0.9	8
3	Fluid-Structure Interaction of an Elastically Mounted Slender Body at High Incidence. <i>AIAA Journal</i> , 2015, 53, 1309-1318.	1.5	6
4	Numerical Simulation of the Effects of a Thermally Significant Blood Vessel on Freezing by a Circular Surface Cryosurgical Probe Compared With Experimental Data. <i>Journal of Heat Transfer</i> , 2009, 131, .	1.2	5
5	On the Interaction of Turbulent Shear Layers with Harmonic Perturbations. <i>Flow, Turbulence and Combustion</i> , 2008, 80, 61-80.	1.4	11
6	Continuing nonlinear growth of Tollmien-Schlichting waves. <i>Physics of Fluids</i> , 2007, 19, 088106.	1.6	3
7	Asymmetric turbulent vortical flows over slender bodies. <i>AIAA Journal</i> , 1992, 30, 2267-2273.	1.5	49
8	Instabilities of flows over bodies at large incidence. <i>AIAA Journal</i> , 1992, 30, 94-100.	1.5	39
9	Surface flow patterns on an ogive-cylinder at incidence. <i>AIAA Journal</i> , 1992, 30, 272-274.	1.5	13
10	Experimental study of controlled tip disturbance effect on flow asymmetry. <i>Physics of Fluids A, Fluid Dynamics</i> , 1992, 4, 2825-2832.	1.6	58
11	Effect of splitter plate on unsteady flows around a body of revolution at incidence. <i>Physics of Fluids A, Fluid Dynamics</i> , 1991, 3, 2122-2131.	1.6	20
12	Numerical prediction of subsonic turbulent flows over slender bodies at high incidence. <i>AIAA Journal</i> , 1991, 29, 2054-2061.	1.5	28
13	Numerical simulation of the effect of spatial disturbances on vortex asymmetry. <i>AIAA Journal</i> , 1991, 29, 344-352.	1.5	79
14	Effect of Geometrical Disturbance on Vortex Asymmetry. <i>AIAA Journal</i> , 1991, 29, 560-566.	1.5	66
15	Graphical visualization of vortical flows by means of helicity. <i>AIAA Journal</i> , 1990, 28, 1347-1352.	1.5	317