

Rajesh Ranjan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4258666/publications.pdf>

Version: 2024-02-01

21
papers

316
citations

1478458

6
h-index

1372553

10
g-index

26
all docs

26
docs citations

26
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Stability Analysis of Flow Behind an Upswept Aftbody. AIAA Journal, 2022, 60, 1257-1261.	2.6	2
2	Spectral Content in a Supersonic Backward-Facing Step Flow. Journal of Spacecraft and Rockets, 2021, 58, 210-221.	1.9	5
3	Global transition dynamics of flow in a lid-driven cubical cavity. Theoretical and Computational Fluid Dynamics, 2021, 35, 397-418.	2.2	5
4	Compressibility Effects on Flow Behind a Simulated Transport Aircraft Fuselage. , 2021, , .		1
5	Characterization of the Second Wave of COVID-19 in India. Current Science, 2021, 121, 85.	0.8	24
6	A robust approach for stability analysis of complex flows using high-order Navier-Stokes solvers. Journal of Computational Physics, 2020, 403, 109076.	3.8	26
7	Meandering of longitudinal wake vortices in slanted base afterbody flows. , 2020, , .		2
8	Hysteresis in slanted-base-cylinder afterbody flows. Aerospace Science and Technology, 2020, 106, 106138.	4.8	11
9	Mean Flowfield Evolution with Upsweep Angle in a Simulated Cargo Fuselage Aftbody. Journal of Aircraft, 2020, 57, 1156-1169.	2.4	8
10	Effect of upsweep angle on the mean flowfield of a simulated cargo fuselage. , 2020, , .		3
11	Temporal Dynamics of COVID-19 Outbreak and Future Projections: A Data-Driven Approach. , 2020, 5, 109-115.		14
12	Unsteadiness in a Supersonic Backward-Facing Step Flow. , 2019, , .		2
13	Unsteady scales of a supersonic backward-facing step flow via perturbation analysis. , 2019, , .		3
14	2D and 3D Stability of Cavity Flows in High Mach Number Regimes. , 2019, , .		3
15	On the Use of Mean Flow Perturbation for Global Stability Analysis. , 2018, , .		1
16	New insights from high-resolution compressible DNS studies on an LPT blade boundary layer. Computers and Fluids, 2017, 153, 49-60.	2.5	16
17	An Assessment of the Two-Layer Quasi-Laminar Theory of Relaminarization Through Recent High-Re Accelerated Turbulent Boundary Layer Experiments. Journal of Fluids Engineering, Transactions of the ASME, 2017, 139, .	1.5	3
18	A High-Resolution Compressible DNS Study of Flow Past a Low-Pressure Gas Turbine Blade. , 2016, , 291-301.		1

#	ARTICLE	IF	CITATIONS
19	Direct Numerical Simulation of Compressible Flow Past a Low Pressure Turbine Blade at High Incidence. , 2014, , .		1
20	Viscous Flow Analysis of a Twin-engine Commercial Transport Aircraft in High Lift Landing Configuration. , 2011, , .		0
21	Computational Simulation of Flow Over a High Lift Trapezoidal Wing. International Journal of Aerospace Innovations, 2009, 1, 189-199.	0.2	6