

Rodrigo C Palharini

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

294
citations

1307594

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1474206

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docs citations

11
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Open-Source Direct Simulation Monte-Carlo Chemistry Modeling for Hypersonic Flows. <i>AIAA Journal</i> , 2015, 53, 1670-1680.	2.6	84
2	Benchmark numerical simulations of rarefied non-reacting gas flows using an open-source DSMC code. <i>Computers and Fluids</i> , 2015, 120, 140-157.	2.5	44
3	A Two-Temperature Open-Source CFD Model for Hypersonic Reacting Flows, Part One: Zero-Dimensional Analysis. <i>Aerospace</i> , 2016, 3, 34.	2.2	40
4	Assessment of the Extreme Precipitation by Satellite Estimates over South America. <i>Remote Sensing</i> , 2020, 12, 2085.	4.0	35
5	Chemically reacting hypersonic flows over 3D cavities: Flowfield structure characterisation. <i>Computers and Fluids</i> , 2018, 165, 173-187.	2.5	29
6	Aerothermodynamic Comparison of Two- and Three-Dimensional Rarefied Hypersonic Cavity Flows. <i>Journal of Spacecraft and Rockets</i> , 2014, 51, 1619-1630.	1.9	27
7	The impact of the length-to-depth ratio on aerodynamic surface quantities of a rarefied hypersonic cavity flow. <i>Aerospace Science and Technology</i> , 2019, 88, 110-125.	4.8	26
8	Assessment of extreme rainfall estimates from satellite-based: Regional analysis. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 23, 100603.	1.5	7
9	Thermochemical Nonequilibrium Computations of a Brazilian Reentry Satellite. <i>Journal of Spacecraft and Rockets</i> , 2017, 54, 961-966.	1.9	2
10	Thermochemical Nonequilibrium Computations of a Brazilian Reentry Satellite. , 2015, , .		0
11	DSMC Computations of SARA Reentry Capsule Exposed to Weakly Ionized Gas Flow. , 2019, , .		0