

PetrÃnio A S Nogueira

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

433
citations

858243

12
h-index

1113639

15
g-index

20
all docs

20
docs citations

20
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	Absolute instability in shock-containing jets. <i>Journal of Fluid Mechanics</i> , 2022, 930, .	1.4	22
2	Closure mechanism of the A1 and A2 modes in jet screech. <i>Journal of Fluid Mechanics</i> , 2022, 936, .	1.4	27
3	Transition to chaos in a reduced-order model of a shear layer. <i>Journal of Fluid Mechanics</i> , 2022, 932, .	1.4	6
4	On the preference of round twin jets to present flapping oscillations. , 2022, , .		2
5	Analysis of axisymmetric screech tones in round twin-jets using linear stability theory. , 2022, , .		4
6	Screech mode staging in rectangular and elliptical jets. , 2022, , .		3
7	A unifying theory of jet screech. <i>Journal of Fluid Mechanics</i> , 2022, 945, .	1.4	22
8	Dynamics of shear-layer coherent structures in a forced wall-bounded flow. <i>Journal of Fluid Mechanics</i> , 2021, 907, .	1.4	5
9	The colour of forcing statistics in resolvent analyses of turbulent channel flows. <i>Journal of Fluid Mechanics</i> , 2021, 907, .	1.4	41
10	Forcing statistics in resolvent analysis: application in minimal turbulent Couette flow. <i>Journal of Fluid Mechanics</i> , 2021, 908, .	1.4	34
11	Waves in screeching jets. <i>Journal of Fluid Mechanics</i> , 2021, 913, .	1.4	53
12	Investigation of supersonic twin-jet coupling using spatial linear stability analysis. <i>Journal of Fluid Mechanics</i> , 2021, 918, .	1.4	23
13	Understanding twin-jet screech using a vortex-sheet model. , 2021, , .		2
14	Lift-up, Kelvinâ€Helmholtz and Orr mechanisms in turbulent jets. <i>Journal of Fluid Mechanics</i> , 2020, 896, .	1.4	49
15	Resolvent analysis in unbounded flows: role of free-stream modes. <i>Theoretical and Computational Fluid Dynamics</i> , 2020, 34, 163-176.	0.9	6
16	Acoustic radiation of subsonic jets in the vicinity of an inclined flat plate. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 50-59.	0.5	20
17	Large-scale streaky structures in turbulent jets. <i>Journal of Fluid Mechanics</i> , 2019, 873, 211-237.	1.4	46
18	Acoustic Radiation of Subsonic Jets at the Vicinity of an Inclined Flat Plate. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	A model problem for sound radiation by an installed jet. Journal of Sound and Vibration, 2017, 391, 95-115.	2.1	44
20	Experimental study of turbulent-jet wave packets and their acoustic efficiency. Physical Review Fluids, 2017, 2, .	1.0	20