

# Jean-Philippe Brazier

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

62  
citations

2942236

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h-index

2070828

6  
g-index

17  
all docs

17  
docs citations

17  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Roughness-Induced Instabilities and Transition on a Generic Hypersonic Forebody at Mach 6. AIAA Journal, 2021, 59, 3529-3545.	1.5	4
2	Impact Of Upstream Wake On Boundary Layer Regime: From Modal To Bypass Transition. , 2018, , .		2
3	Modal analysis of jet near-field pressure fluctuation. International Journal of Numerical Methods for Heat and Fluid Flow, 2016, 26, 2000-2012.	1.6	1
4	Local stability analysis of a round jet parallel to a flat plate. , 2016, , .		2
5	Design, manufacturing and demonstration of acoustic liners for air conditioning systems. , 2016, , .		3
6	An overview of HyFIE Technical Research Project: cross-testing in main European hypersonic wind tunnels on EXPERT body. CEAS Space Journal, 2016, 8, 167-176.	1.1	1
7	Parabolized Stability Equations analysis of nonlinear interactions with forced eigenmodes to control subsonic jet instabilities. Physics of Fluids, 2015, 27, 084106.	1.6	2
8	Nonlinear interaction analysis of subsonic jet instabilities with forced eigenmodes using PSE. , 2015, , .		0
9	Investigation of the near and far pressure fields of dual-stream jets using an Euler-based PSE model. , 2013, , .		13
10	Application of the Linear Parabolized Stability Equations to a Subsonic Coaxial Jet. , 2011, , .		6
11	Theoretical investigation of hydrodynamic surface mode in a lined duct with sheared flow and comparison with experiment. Journal of Sound and Vibration, 2011, 330, 1793-1809.	2.1	24
12	Acoustic Energy for Sheared Flows. , 2010, , .		1
13	Numerical Study of Hydrodynamic Unstable Modes in a Ducted Shear Flow with Wall Lining and Comparison to Experiments. , 2010, , .		1
14	BiGlobal stability computations on curvilinear meshes. Comptes Rendus - Mecanique, 2008, 336, 828-834.	2.1	2
15	Stability Calculations on the Shear Layer Past a Wing Tip. , 2007, , .		0
16	Spatial Stability Analysis of a Flap Side Edge Vortex. International Journal of Aeroacoustics, 2005, 4, 37-47.	0.8	0
17	Perturbation tridimensionnelle d'une couche limite de Blasius. Comptes Rendus Mecanique, 2001, 329, 213-219.	0.2	0