

# Andrzej Boguslawski

## List of Publications by Year in descending order

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17  
papers

240  
citations

1051969

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h-index

1113639

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of transitional jets emanating from a non-circular nozzle. <i>Experimental Thermal and Fluid Science</i> , 2022, , 110720.	1.5	0
2	A Numerical Study of the Global Instability in Counter-Current Homogeneous Density Incompressible Round Jets. <i>Flow, Turbulence and Combustion</i> , 2021, 107, 901-935.	1.4	3
3	Absolute instability of an annular jet: local stability analysis. <i>Meccanica</i> , 2020, 55, 2179-2198.	1.2	6
4	The Dynamics of Globally Unstable Air-Helium Jets and Its Impact on Jet Mixing Intensity. <i>Processes</i> , 2020, 8, 1667.	1.3	4
5	A new insight into understanding the Crow and Champagne preferred mode: a numerical study. <i>Journal of Fluid Mechanics</i> , 2019, 869, 385-416.	1.4	13
6	LES study of global instability in annular jets. <i>International Journal of Heat and Fluid Flow</i> , 2019, 79, 108460.	1.1	14
7	Hybrid MPI/Open-MP acceleration approach for high-order schemes for CFD. <i>Journal of Physics: Conference Series</i> , 2018, 1101, 012031.	0.3	3
8	Numerical simulation of free jets. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2017, 27, 1056-1063.	1.6	14
9	Impact of numerical method on a side jets formation in a round jet. <i>Journal of Physics: Conference Series</i> , 2016, 760, 012040.	0.3	1
10	Large eddy simulation predictions of absolutely unstable round hot jet. <i>Physics of Fluids</i> , 2016, 28, .	1.6	16
11	Numerical simulations of combustion process in a gas turbine with a single and multi-point fuel injection system. <i>Applied Energy</i> , 2016, 174, 153-165.	5.1	28
12	LES Predictions of Self-Sustained Oscillations in Homogeneous Density Round Free Jet. <i>Flow, Turbulence and Combustion</i> , 2015, 95, 437-459.	1.4	24
13	LES and RANS modeling of pulverized coal combustion in swirl burner for air and oxy-combustion technologies. <i>Energy</i> , 2014, 66, 732-743.	4.5	47
14	Simulations of pulverized coal oxy-combustion in swirl burner using RANS and LES methods. <i>Fuel Processing Technology</i> , 2014, 119, 130-135.	3.7	20
15	Self-sustained oscillations in a homogeneous-density round jet. <i>Journal of Turbulence</i> , 2013, 14, 25-52.	0.5	26
16	LES Modeling of Oxy-combustion of Pulverized Coal: Preliminary Study. , 2009, , .		0
17	LES of Variable Density Bifurcating Jets. , 2007, , 273-288.		11