

# Nicola chiereghin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2451645/publications.pdf>

Version: 2024-02-01

17  
papers

229  
citations

1478505

6  
h-index

1474206

9  
g-index

17  
all docs

17  
docs citations

17  
times ranked

120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow Distortion Measurements in Convolved Aeroengine Intakes. AIAA Journal, 2016, 54, 2819-2832.	2.6	46
2	Complex Aeroengine Intake Ducts and Dynamic Distortion. AIAA Journal, 2017, 55, 2395-2409.	2.6	44
3	Delayed Detached-Eddy Simulation and Particle Image Velocimetry Investigation of S-Duct Flow Distortion. AIAA Journal, 2017, 55, 1893-1908.	2.6	34
4	Unsteady Lift and Moment of a Periodically Plunging Airfoil. AIAA Journal, 2019, 57, 208-222.	2.6	33
5	Three-dimensionality of leading-edge vortices on high aspect ratio plunging wings. Physical Review Fluids, 2020, 5, .	2.5	19
6	Shape Optimization of a Curved Duct with Free Form Deformations. , 2017, , .		9
7	Computational design of S-Duct intakes for distributed propulsion. Aircraft Engineering and Aerospace Technology, 2014, 86, 473-477.	0.8	7
8	Novel Approach to Leading-Edge Vortex Suppression. AIAA Journal, 2020, 58, 4212-4227.	2.6	6
9	Unsteady aerodynamics of a plunging airfoil in transient motion. Journal of Fluids and Structures, 2021, 103, 103288.	3.4	6
10	Turbofan multiobjectiveâ€”multipoint optimization for UAV/UCAV applications. Aircraft Engineering and Aerospace Technology, 2013, 85, 366-381.	0.8	5
11	Complex aero-engine intake ducts and dynamic distortion. , 2015, , .		5
12	Unsteady Measurements for a Periodically Plunging Airfoil. , 2017, , .		5
13	Unsteady Force and Flow Measurements for Plunging Finite Wings. , 2017, , .		4
14	Flow distortion measurements in convoluted aero engine intakes. , 2015, , .		3
15	Dynamic Flow Distortion Investigation in an S-duct using DDES and SPIV data. , 2016, , .		3
16	Unsteady Aerodynamics of a Transient Plunging Airfoil. , 2018, , .		0
17	Dynamic Stall Alleviation through Mini-tabs. , 2019, , .		0