

Daniel Duda

List of Publications by Year in descending order

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papers

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citations

759233

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38
all docs

38
docs citations

38
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Manufacturing Inaccuracies on the Wake Past Asymmetric Airfoil by PIV. <i>Energies</i> , 2022, 15, 1227.	3.1	13
2	Hot-Wire Investigation of Turbulence Topology behind Blades at Different Shape Qualities. <i>Processes</i> , 2022, 10, 522.	2.8	8
3	Experimental and Numerical Study on Vortical Structures and Their Dynamics in a Pump Sump. <i>Water (Switzerland)</i> , 2022, 14, 2039.	2.7	3
4	Structure turbulent flow behind a square cylinder with an angle of incidence. <i>European Journal of Mechanics, B/Fluids</i> , 2021, 85, 110-123.	2.5	14
5	Dimensional analysis parameters of turbulence in the wake of a square cylinder. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	1
6	Particle image velocimetry measurement inside axial air test turbine " Effect of window. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	3
7	Observation of flow structure past a full-stage axial air turbine at the nominal and off-design states. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	1
8	Experimental Investigation of the Unsteady Stator/Rotor Wake Characteristics Downstream of an Axial Air Turbine. <i>International Journal of Turbomachinery, Propulsion and Power</i> , 2021, 6, 22.	1.1	8
9	Wake Width: Discussion of Several Methods How to Estimate It by Using Measured Experimental Data. <i>Energies</i> , 2021, 14, 4712.	3.1	15
10	Spatial Patterns of "a Mortality Associated with Rapid "a Death and Ungulate Presence. <i>Forests</i> , 2021, 12, 1035.	2.1	13
11	Designing a top cooling system for an electromagnetic calorimeter. <i>MATEC Web of Conferences</i> , 2021, 345, 00015.	0.2	0
12	Turbulent jet stability increased by ribs inside the nozzle " Stereo PIV measurement one diameter past the nozzle. <i>MATEC Web of Conferences</i> , 2021, 345, 00006.	0.2	2
13	The structure of turbulent flow behind the NACA 0012 airfoil at high angles of attack and low Reynolds number. <i>MATEC Web of Conferences</i> , 2021, 345, 00034.	0.2	1
14	Anisotropy of turbulent flow behind an asymmetric airfoil. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	9
15	Secondary flow of second kind in a short channel observed by PIV. <i>European Journal of Mechanics, B/Fluids</i> , 2020, 79, 444-453.	2.5	18
16	An Experimental Study of Turbulent Mixing in Channel Flow Past a Grid. <i>Processes</i> , 2020, 8, 1355.	2.8	16
17	Vortices inside a single-stage axial air turbine captured by Particle Image Velocimetry. <i>MATEC Web of Conferences</i> , 2020, 328, 05002.	0.2	1
18	Using ARAMIS system for measurement of structural stability of running wind tunnel. <i>MATEC Web of Conferences</i> , 2020, 328, 01003.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Influence of secondary flow corner vortex to boundary layer in a channel flow. AIP Conference Proceedings, 2019, , .	0.4	0
20	Creation of recombination corrective algorithm for research of a wind tunnel parameters. AIP Conference Proceedings, 2019, , .	0.4	8
21	Hydrodynamic education with rheoscopic fluid. EPJ Web of Conferences, 2019, 213, 02014.	0.3	2
22	Spatial Spectrum From Particle Image Velocimetry Data. Journal of Nuclear Engineering and Radiation Science, 2019, 5, .	0.4	20
23	Visualization of secondary flow in a corner of a channel. AIP Conference Proceedings, 2019, , .	0.4	5
24	Research of a wind tunnel parameters by means of cross-section analysis of air flow profiles. AIP Conference Proceedings, 2019, , .	0.4	13
25	PIV of air flow over a step and discussion of fluctuation decompositions. AIP Conference Proceedings, 2018, , .	0.4	15
26	Preliminary PIV measurement of an air jet. AIP Conference Proceedings, 2018, , .	0.4	5
27	The PIV study of air flow past the counter-swirler 53983. MATEC Web of Conferences, 2018, 168, 05004.	0.2	3
28	Streaming flow due to a quartz tuning fork oscillating in normal and superfluid He4. Physical Review B, 2017, 96, .	3.2	13
29	Cavitation Bubbles Generated by Vibrating Quartz Tuning Fork in Liquid ^4He Close to the λ Point. Journal of Low Temperature Physics, 2017, 187, 376-382.	1.4	6
30	Small-scale universality of particle dynamics in quantum turbulence. Physical Review B, 2016, 94, .	3.2	31
31	Visualization of viscous and quantum flows of liquid ^4He due to an oscillating cylinder of rectangular cross section. Physical Review B, 2015, 92, .	3.2	20
32	On the Visualization of Thermal Counterflow of He II Past a Circular Cylinder. Journal of Low Temperature Physics, 2014, 175, 331-338.	1.4	16
33	Velocity Statistics in Quantum Turbulence. Procedia IUTAM, 2013, 9, 79-85.	1.2	8
34	Lagrangian accelerations of particles in superfluid turbulence. Journal of Fluid Mechanics, 2013, 717, .	3.4	44
35	Lagrangian velocity distributions in thermal counterflow of superfluid ^4He . EPJ Web of Conferences, 2013, 45, 01005.	0.3	1
36	How Manufacturing Inaccuracies Affect Vortices in an Airfoil Wake. , 0, , .		3

#	ARTICLE	IF	CITATIONS
37	VISUALIZATION OF LARGE-SCALE FLOW DUE TO AN OSCILLATING TUNING FORK IN NORMAL AND SUPERFLUID HELIUM. , 0, , .		0
38	Searching of Individual Vortices in Experimental Data. , 0, , .		2