B Yu Zanin

List of Publications by Year
in descending order

27	97	1478505 6	1474206 9
papers	citations	h-index	g-index

27	27	27	16
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study of Flow around a Trapezoidal Model of a Small-Sized UAV into Turbulent Wake. Siberian Journal of Physics, 2022, 16, 14-28.	0.3	2
2	An experimental study of the processes of laminar-turbulent transition on the model of a trapezoidal flying wing. AIP Conference Proceedings, 2021, , .	0.4	1
3	Perturbed laminar flow separating from an axisymmetric body. AIP Conference Proceedings, 2021, , .	0.4	0
4	Review of the results of application of panoramic liquid-crystal sensors in subsonic aerodynamics. AIP Conference Proceedings, 2020, , .	0.4	0
5	The influence of external disturbances on the flow around the model of a small-sized UAV. AIP Conference Proceedings, 2020, , .	0.4	0
6	Influence of external disturbances on the flow of straight and swept wings. Journal of Physics: Conference Series, 2020, 1666, 012039.	0.4	1
7	EXPERIMENTAL STUDY OF THE INFLUENCE OF ATMOSPHERIC TURBULENCE ON THE BOUNDARY LAYER FLOW ON THE GLIDER WING. Journal of Applied Mechanics and Technical Physics, 2020, 61, 700-709.	0.5	0
8	Experimental study of the effect of external disturbances to flow around the wing model with a swept leading edge. AIP Conference Proceedings, 2019, , .	0.4	0
9	Flow instability at boundary layer separation on an axisymmetric body. AIP Conference Proceedings, 2019, , .	0.4	0
10	Flow around the wing models with straight and swept leading edge in case of contact with turbulent wake. Journal of Physics: Conference Series, 2019, 1382, 012030.	0.4	5
11	An experimental study of the influence of the type of turbulent wake on the flow around models of wings of various shapes. Journal of Physics: Conference Series, 2019, 1404, 012093.	0.4	3
12	Features of flow around the flying wing model at various attack and slip angle. AIP Conference Proceedings, 2017, , .	0.4	1
13	Separated flows receptivity for external disturbances. AIP Conference Proceedings, 2017, , .	0.4	1
14	Response of axisymmetric separated flow to its spatially localized perturbation. Thermophysics and Aeromechanics, 2016, 23, 801-807.	0.5	4
15	Transformation of wing boundary layer in the filament wake. Thermophysics and Aeromechanics, 2014, 21, 693-700.	0.5	2
16	Control of flow separation from a model wing at low Reynolds numbers. Fluid Dynamics, 2012, 47, 403-410.	0.9	13
17	Global response of laminar flow separation to local flow perturbations (review). Thermophysics and Aeromechanics, 2012, 19, 1-8.	0.5	10
18	Alteration of separated-flow structure achieved through a local action. Thermophysics and Aeromechanics, 2010, 17, 15-20.	0.5	8

#	Article	IF	Citations
19	Electric discharge control of flow separation on oblique airfoil. Technical Physics Letters, 2010, 36, 304-307.	0.7	3
20	Control of the vortex flow around a cone with a spark discharge. Journal of Applied Mechanics and Technical Physics, 2010, 51, 211-217.	0.5	7
21	Vortex structure of separated flows on model wings at low freestream velocities. Fluid Dynamics, 2008, 43, 938-944.	0.9	12
22	Acoustic excitation of stationary streamwise structures in a separation region on a straight wing. Physics of Fluids, 2005, 17, 078107.	4.0	4
23	Electric-discharge control over a vortex flow around bodies of revolution. Doklady Physics, 2004, 49, 386-388.	0.7	2
24	Effect of Free-Stream Turbulence on the Flow Structure near a Wedge and the Windward Side of an Airfoil. Journal of Applied Mechanics and Technical Physics, 2004, 45, 510-516.	0.5	6
25	Title is missing!. Journal of Applied Mechanics and Technical Physics, 2003, 44, 648-653.	0.5	3
26	Hysteresis of a separated variable-velocity flow about a straight-wing model. Journal of Applied Mechanics and Technical Physics, 1997, 38, 724-727.	0.5	7
27	Separated Flow Reattachment at an Airfoil Under Sonic Effect. , 1991, , 525-528.		2