

# B Yu Zanin

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

97  
citations

1478505

6  
h-index

1474206

9  
g-index

27  
all docs

27  
docs citations

27  
times ranked

16  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of flow separation from a model wing at low Reynolds numbers. Fluid Dynamics, 2012, 47, 403-410.	0.9	13
2	Vortex structure of separated flows on model wings at low freestream velocities. Fluid Dynamics, 2008, 43, 938-944.	0.9	12
3	Global response of laminar flow separation to local flow perturbations (review). Thermophysics and Aeromechanics, 2012, 19, 1-8.	0.5	10
4	Alteration of separated-flow structure achieved through a local action. Thermophysics and Aeromechanics, 2010, 17, 15-20.	0.5	8
5	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
6	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
7	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
8	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
9	Acoustic excitation of stationary streamwise structures in a separation region on a straight wing. Physics of Fluids, 2005, 17, 078107.	4.0	4
10	Response of axisymmetric separated flow to its spatially localized perturbation. Thermophysics and Aeromechanics, 2016, 23, 801-807.	0.5	4
11	Title is missing!. Journal of Applied Mechanics and Technical Physics, 2003, 44, 648-653.	0.5	3
12	Electric discharge control of flow separation on oblique airfoil. Technical Physics Letters, 2010, 36, 304-307.	0.7	3
13	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
14	Electric-discharge control over a vortex flow around bodies of revolution. Doklady Physics, 2004, 49, 386-388.	0.7	2
15	Transformation of wing boundary layer in the filament wake. Thermophysics and Aeromechanics, 2014, 21, 693-700.	0.5	2
16	Separated Flow Reattachment at an Airfoil Under Sonic Effect. , 1991, , 525-528.		2
17	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
18	Features of flow around the flying wing model at various attack and slip angle. AIP Conference Proceedings, 2017, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Separated flows receptivity for external disturbances. AIP Conference Proceedings, 2017, , .	0.4	1
20	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
21	Influence of external disturbances on the flow of straight and swept wings. Journal of Physics: Conference Series, 2020, 1666, 012039.	0.4	1
22	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
23	Flow instability at boundary layer separation on an axisymmetric body. AIP Conference Proceedings, 2019, , .	0.4	0
24	Perturbed laminar flow separating from an axisymmetric body. AIP Conference Proceedings, 2021, , .	0.4	0
25	Review of the results of application of panoramic liquid-crystal sensors in subsonic aerodynamics. AIP Conference Proceedings, 2020, , .	0.4	0
26	The influence of external disturbances on the flow around the model of a small-sized UAV. AIP Conference Proceedings, 2020, , .	0.4	0
27	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