Vladimir Aniskin

List of Publications by Year
in descending order

34	172	1163117 8	1125743 13
papers	citations	h-index	g-index

34	34	34	74
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the mechanism of the influence of medium density on the supersonic core length of an underexpanded jet. Acta Mechanica, 2021, 232, 2751.	2.1	0
2	Specific features of the gas-dynamic structure of supersonic axisymmetric microjets of a nonequilibrium <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> gas. Physical Review Fluids, 2020, 5, .	2.5	1
3	Effect of the Pitot Tube on Measurements in Supersonic Axisymmetric Underexpanded Microjets. Micromachines, 2019, 10, 235.	2.9	13
4	Structure of subsonic plane microjets. Microfluidics and Nanofluidics, 2019, 23, 1.	2.2	3
5	Stability of axisymmetric supersonic submerged microjet of nonequilibrium sulphur hexafluoride. Journal of Physics: Conference Series, 2019, 1359, 012007.	0.4	0
6	The effect of underexpanded jet flow conditions on the supersonic core length. Journal of Physics: Conference Series, 2019, 1359, 012014.	0.4	0
7	Influence of individual roughnesses nozzle edge on the length of the supersonic section of an underexpanded microjet. Journal of Physics: Conference Series, 2019, 1404, 012087.	0.4	0
8	Experimental research of the supersonic core length in the supersonic jet flowing from the rectangular micro-nozzles with different aspect ratios. Journal of Physics: Conference Series, 2019, 1404, 012099.	0.4	1
9	Micro- and Nanoflows. Fluid Mechanics and Its Applications, 2018, , .	0.2	5
10	Gasdynamic structure of underexpanded planar microjets ejected into still air. AIP Conference Proceedings, 2018, , .	0.4	0
11	Experimental investigation of the influence of the Pitot tube diameter on measurements of pressure distribution in flat supersonic microjets. AIP Conference Proceedings, 2018, , .	0.4	0
12	Experimental investigation of the main characteristics of subsonic laminar air microjets. AIP Conference Proceedings, 2018, , .	0.4	0
13	Effect of Pitot-tube diameter on the measurements in an axisymmetric micro-jets. AIP Conference Proceedings, 2018, , .	0.4	0
14	Flows of Supersonic Underexpanded Jets on the Range of Moderate Reynolds Numbers. Fluid Dynamics, 2018, 53, 1-8.	0.9	6
15	Gas-Dynamic Structure and Stability of Gas Microjets. Fluid Mechanics and Its Applications, 2018, , 57-96.	0.2	0
16	Numerical simulation of underexpanded axisymmetrical microjets ejected into still air. Proceedings of the Russian Higher School Academy of Sciences, 2018, , 22-35.	0.1	2
17	Flowing of supersonic underexpanded micro-jets in the range of moderate Reynolds numbers. AIP Conference Proceedings, 2017, , .	0.4	0
18	An experimental study of subsonic microjets escaping from a flat nozzle. Technical Physics Letters, 2017, 43, 638-640.	0.7	0

#	Article	IF	Citations
19	Experimental study of subsonic microjet escaping from a rectangular nozzle. AIP Conference Proceedings, 2016, , .	0.4	0
20	Experimental investigation of the structure of supersonic two-dimensional air microjets. AIP Conference Proceedings, 2016, , .	0.4	0
21	Features of the laminar-turbulent transition in supersonic axisymmetric microjets. AIP Conference Proceedings, 2016, , .	0.4	1
22	Supersonic axisymmetric microjets: structure and laminarâ€“turbulent transition. Microfluidics and Nanofluidics, 2015, 19, 621-634.	2.2	20
23	An experimental study of the flow of subsonic flat mini and micro air jets. Technical Physics Letters, 2015, 41, 46-49.	0.7	10
24	An experimental study of the structure of supersonic flat underexpanded microjets. Technical Physics Letters, 2015, 41, 508-510.	0.7	5
25	Relaminarization in supersonic microjets at low Reynolds numbers. Technical Physics Letters, 2013, 39, 734-736.	0.7	9
26	Investigation of the structure of supersonic nitrogen microjets. Microfluidics and Nanofluidics, 2013, 14, 605-614.	2.2	39
27	Stability of a subsonic gas microjet. Technical Physics, 2012, 57, 174-180.	0.7	11
28	Experimental determination of the friction factor coefficient in microchannels. Journal of Applied Mechanics and Technical Physics, 2011, 52, 18-23.	0.5	7
29	Effect of nozzle size on supersonic microjet length. Technical Physics Letters, 2011, 37, 1046-1048.	0.7	11
30	Gas-dynamic flow structure and development of perturbations in microjets. Doklady Physics, 2010, 55, 419-422.	0.7	7
31	Generation and registration of disturbances in a gas flow. 1. Formation of arrays of tubular microheaters and microsensors. Journal of Applied Mechanics and Technical Physics, 2009, 50, 291-296.	0.5	10
32	Generation and registration of disturbances in a gas flow. 2. Experiments with arrays of tubular microheaters and microsensors. Journal of Applied Mechanics and Technical Physics, 2009, 50, 454-458.	0.5	5
33	Hot-tube probes of thermal anemometers with high spatial and temporal resolution. Doklady Physics, 2006, 51, 132-135.	0.7	4
34	Evolution of Controlled Disturbances in the Shock Layer on the Compression Surface. Journal of Applied Mechanics and Technical Physics, 2003, 44, 626-633.	0.5	2