

Vladimir Aniskin

List of Publications by Year in descending order

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docs citations

34
times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the structure of supersonic nitrogen microjets. <i>Microfluidics and Nanofluidics</i> , 2013, 14, 605-614.	2.2	39
2	Supersonic axisymmetric microjets: structure and laminar-turbulent transition. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 621-634.	2.2	20
3	Effect of the Pitot Tube on Measurements in Supersonic Axisymmetric Underexpanded Microjets. <i>Micromachines</i> , 2019, 10, 235.	2.9	13
4	Effect of nozzle size on supersonic microjet length. <i>Technical Physics Letters</i> , 2011, 37, 1046-1048.	0.7	11
5	Stability of a subsonic gas microjet. <i>Technical Physics</i> , 2012, 57, 174-180.	0.7	11
6	Generation and registration of disturbances in a gas flow. 1. Formation of arrays of tubular microheaters and microsensors. <i>Journal of Applied Mechanics and Technical Physics</i> , 2009, 50, 291-296.	0.5	10
7	An experimental study of the flow of subsonic flat mini and micro air jets. <i>Technical Physics Letters</i> , 2015, 41, 46-49.	0.7	10
8	Relaminarization in supersonic microjets at low Reynolds numbers. <i>Technical Physics Letters</i> , 2013, 39, 734-736.	0.7	9
9	Gas-dynamic flow structure and development of perturbations in microjets. <i>Doklady Physics</i> , 2010, 55, 419-422.	0.7	7
10	Experimental determination of the friction factor coefficient in microchannels. <i>Journal of Applied Mechanics and Technical Physics</i> , 2011, 52, 18-23.	0.5	7
11	Flows of Supersonic Underexpanded Jets on the Range of Moderate Reynolds Numbers. <i>Fluid Dynamics</i> , 2018, 53, 1-8.	0.9	6
12	Generation and registration of disturbances in a gas flow. 2. Experiments with arrays of tubular microheaters and microsensors. <i>Journal of Applied Mechanics and Technical Physics</i> , 2009, 50, 454-458.	0.5	5
13	An experimental study of the structure of supersonic flat underexpanded microjets. <i>Technical Physics Letters</i> , 2015, 41, 508-510.	0.7	5
14	Micro- and Nanoflows. <i>Fluid Mechanics and Its Applications</i> , 2018, , .	0.2	5
15	Hot-tube probes of thermal anemometers with high spatial and temporal resolution. <i>Doklady Physics</i> , 2006, 51, 132-135.	0.7	4
16	Structure of subsonic plane microjets. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	2.2	3
17	Evolution of Controlled Disturbances in the Shock Layer on the Compression Surface. <i>Journal of Applied Mechanics and Technical Physics</i> , 2003, 44, 626-633.	0.5	2
18	Numerical simulation of underexpanded axisymmetrical microjets ejected into still air. <i>Proceedings of the Russian Higher School Academy of Sciences</i> , 2018, , 22-35.	0.1	2

#	ARTICLE	IF	CITATIONS
19	Features of the laminar-turbulent transition in supersonic axisymmetric microjets. AIP Conference Proceedings, 2016, , .	0.4	1
20	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
21	Specific features of the gas-dynamic structure of supersonic axisymmetric microjets of a nonequilibrium S F_6 gas. Physical Review Fluids, 2020, 5, .	2.5	1
22	Experimental study of subsonic microjet escaping from a rectangular nozzle. AIP Conference Proceedings, 2016, , .	0.4	0
23	Experimental investigation of the structure of supersonic two-dimensional air microjets. AIP Conference Proceedings, 2016, , .	0.4	0
24	Flowing of supersonic underexpanded micro-jets in the range of moderate Reynolds numbers. AIP Conference Proceedings, 2017, , .	0.4	0
25	An experimental study of subsonic microjets escaping from a flat nozzle. Technical Physics Letters, 2017, 43, 638-640.	0.7	0
26	Gasdynamic structure of underexpanded planar microjets ejected into still air. AIP Conference Proceedings, 2018, , .	0.4	0
27	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
28	Experimental investigation of the main characteristics of subsonic laminar air microjets. AIP Conference Proceedings, 2018, , .	0.4	0
29	Effect of Pitot-tube diameter on the measurements in an axisymmetric micro-jets. AIP Conference Proceedings, 2018, , .	0.4	0
30	Gas-Dynamic Structure and Stability of Gas Microjets. Fluid Mechanics and Its Applications, 2018, , 57-96.	0.2	0
31	Stability of axisymmetric supersonic submerged microjet of nonequilibrium sulphur hexafluoride. Journal of Physics: Conference Series, 2019, 1359, 012007.	0.4	0
32	The effect of underexpanded jet flow conditions on the supersonic core length. Journal of Physics: Conference Series, 2019, 1359, 012014.	0.4	0
33	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
34	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