

# Tatiana A Korotaeva

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

78  
citations

1937685  
4  
h-index

1588992  
8  
g-index

18  
all docs

18  
docs citations

18  
times ranked

47  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of a Counterflow Plasma Jet on Supersonic Blunt-Body Pressures. AIAA Journal, 2002, 40, 1170-1177.	2.6	43
2	Effect of the Pitot Tube on Measurements in Supersonic Axisymmetric Underexpanded Microjets. Micromachines, 2019, 10, 235.	2.9	13
3	An Advanced Approach for Far-Field Sonic Boom Prediction. , 2009, , .		7
4	Investigation of magnetohydrodynamic interaction in a supersonic air flow at M = 8. Technical Physics, 2011, 56, 327-334.	0.7	4
5	Modeling the Laser Energy Supply in a Gas Flow. Technical Physics Letters, 2019, 45, 335-338.	0.7	4
6	Initiation of Nonequilibrium Conductivity of a Hypersonic Flow and MHD-Interaction. , 2007, , .		2
7	Numerical simulations of an effect produced by a cold jet propagating opposite to the incident supersonic flow on resulting aerodynamic characteristics of a blunted body. Doklady Physics, 2000, 45, 478-480.	0.7	1
8	The effect of arbitrarily oriented hot jet on supersonic flow past a blunt body. Technical Physics Letters, 2012, 38, 548-551.	0.7	1
9	Numerical simulation of the pollution formed by exhaust jets at the ground running procedure. AIP Conference Proceedings, 2016, , .	0.4	1
10	Numerical simulation of the flow in small bleed orifice at the external flow high speed. AIP Conference Proceedings, 2018, , .	0.4	1
11	Study of heat transfer during the impact of a supersonic axisymmetric gas micro-jet onto the heated surface using thermal imaging and thermosensitive fluorescent coating. AIP Conference Proceedings, 2019, , .	0.4	1
12	The effect of a position and shape of local energy source on the aerodynamic characteristics of a supersonic vehicle. , 0, , .		0
13	Simulation of the spatial pollutant jets exiting from the aircraft engine nozzles. , 2016, , .		0
14	Numerical simulation of interaction between chemically active exhaust and a jet blast deflector. AIP Conference Proceedings, 2017, , .	0.4	0
15	Gasdynamic structure of underexpanded planar microjets ejected into still air. AIP Conference Proceedings, 2018, , .	0.4	0
16	Study of magneto hydrodynamic interaction at supersonic flow around a blunt body. AIP Conference Proceedings, 2018, , .	0.4	0
17	Flows structure with a laser plasma depending on the optical breakdown mode: Numerical simulation. AIP Conference Proceedings, 2019, , .	0.4	0
18	Study of the flow structure in boundary layer bleed channel at the hypersonic speed of external flow. Journal of Physics: Conference Series, 2019, 1404, 012120.	0.4	0