

# Alexander Semenov

## List of Publications by Year in descending order

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17  
papers

102  
citations

1307594

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1372567

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g-index

17  
all docs

17  
docs citations

17  
times ranked

44  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of localized artificial disturbance in 2D and 3D supersonic boundary layers. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2020, 234, 115-123.	1.3	11
2	The influence of moderate angle-of-attack variation on disturbances evolution and transition to turbulence in supersonic boundary layer on swept wing. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2020, 234, 96-101.	1.3	9
3	Numerical simulation of supersonic flow past a plate with surface material sublimation. Thermophysics and Aeromechanics, 2020, 27, 81-88.	0.5	3
4	Measurement of thermal conductivity in laser-heated diamond anvil cell using radial temperature distribution. High Pressure Research, 2020, 40, 315-324.	1.2	6
5	Heat Generation Due to Friction in Shear Zones of the Crust as a Factor of Metamorphism and Anatexis: Results of Computer Modeling. Doklady Earth Sciences, 2019, 486, 706-710.	0.7	1
6	High-Grade Contact Metamorphism in the Kochumdek River Valley (Podkamennaya Tunguska Basin, East) Tj ETQq0,0,0 rgBT /Overlock 1	0.7	11
7	THE ROLE OF MAGMATIC HEAT SOURCES IN THE FORMATION OF REGIONAL AND CONTACT METAMORPHIC AREAS IN WEST SANGILEN (TUVA, RUSSIA). Geodinamika I Tektonofizika, 2019, 10, 309-323.	0.7	5
8	An effect of small angle of attack on disturbances evolution in swept wing boundary layer at Mach number M=2. AIP Conference Proceedings, 2018, , .	0.4	8
9	Numerical Modeling of the Interaction between a Supersonic Boundary Layer and an Acoustic Wave. Fluid Dynamics, 2018, 53, 795-804.	0.9	11
10	Numerical investigation of the development of perturbation in a supersonic boundary layer at Mach 2. AIP Conference Proceedings, 2018, , .	0.4	0
11	Effect of unit Reynolds number on the laminar-turbulent transition on a swept wing in supersonic flow. Thermophysics and Aeromechanics, 2018, 25, 659-665.	0.5	11
12	Numerical modeling of the mechanisms of magma mingling and mixing: A case study of the formation of complex intrusions. Russian Geology and Geophysics, 2017, 58, 1317-1332.	0.7	16
13	The effect of small angle of attack on the laminar-turbulent transition in boundary layer on swept wing at Mach number M=2. AIP Conference Proceedings, 2017, , .	0.4	1
14	NUMERICAL SIMULATION OF MAGMA MINGLING (CASE OF BAYANKOL GABBROâ€“GRANITE SERIES, SANGILEN,) Tj ETQq0 0 0 rgBT /Over	0.7	5
15	Numerical simulation of the supersonic boundary layer interaction with arbitrary oriented acoustic waves. AIP Conference Proceedings, 2017, , .	0.4	0
16	Numerical simulation of the disturbances excitation in a supersonic boundary layer by the longitudinal sound. AIP Conference Proceedings, 2016, , .	0.4	0
17	The influence of flow parameters on the transition to turbulence in supersonic boundary layer on swept wing. AIP Conference Proceedings, 2016, , .	0.4	4