

# Alexander Semenov

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

102  
citations

1307594

7  
h-index

1372567

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

44  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical modeling of the mechanisms of magma mingling and mixing: A case study of the formation of complex intrusions. <i>Russian Geology and Geophysics</i> , 2017, 58, 1317-1332.	0.7	16
2	Numerical Modeling of the Interaction between a Supersonic Boundary Layer and an Acoustic Wave. <i>Fluid Dynamics</i> , 2018, 53, 795-804.	0.9	11
3	Effect of unit Reynolds number on the laminar-turbulent transition on a swept wing in supersonic flow. <i>Thermophysics and Aeromechanics</i> , 2018, 25, 659-665.	0.5	11
4	Evolution of localized artificial disturbance in 2D and 3D supersonic boundary layers. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2020, 234, 115-123.	1.3	11
5	High-Grade Contact Metamorphism in the Kochumdek River Valley (Podkamennaya Tunguska Basin, East) Tj ETQq1_1_0.784314 rgBT 0.7 11	0.7	11
6	The influence of moderate angle-of-attack variation on disturbances evolution and transition to turbulence in supersonic boundary layer on swept wing. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2020, 234, 96-101.	1.3	9
7	An effect of small angle of attack on disturbances evolution in swept wing boundary layer at Mach number M=2. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	8
8	Measurement of thermal conductivity in laser-heated diamond anvil cell using radial temperature distribution. <i>High Pressure Research</i> , 2020, 40, 315-324.	1.2	6
9	NUMERICAL SIMULATION OF MAGMA MINGLING (CASE OF BAYANKOL GABBROâ€œGRANITE SERIES, SANGILEN,) Tj ETQq1 1 0.784314 0.7 5	0.7	5
10	THE ROLE OF MAGMATIC HEAT SOURCES IN THE FORMATION OF REGIONAL AND CONTACT METAMORPHIC AREAS IN WEST SANGILEN (TUVA, RUSSIA). <i>Geodinamika I Tektonofizika</i> , 2019, 10, 309-323.	0.7	5
11	The influence of flow parameters on the transition to turbulence in supersonic boundary layer on swept wing. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	4
12	Numerical simulation of supersonic flow past a plate with surface material sublimation. <i>Thermophysics and Aeromechanics</i> , 2020, 27, 81-88.	0.5	3
13	The effect of small angle of attack on the laminar-turbulent transition in boundary layer on swept wing at Mach number M=2. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
14	Heat Generation Due to Friction in Shear Zones of the Crust as a Factor of Metamorphism and Anatexis: Results of Computer Modeling. <i>Doklady Earth Sciences</i> , 2019, 486, 706-710.	0.7	1
15	Numerical simulation of the disturbances excitation in a supersonic boundary layer by the longitudinal sound. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
16	Numerical investigation of the development of perturbation in a supersonic boundary layer at Mach 2. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
17	Numerical simulation of the supersonic boundary layer interaction with arbitrary oriented acoustic waves. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0