

Ivan V Egorov

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

277
citations

1163117

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h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilization of a Hypersonic Boundary Layer Using a Wavy Surface. AIAA Journal, 2013, 51, 1203-1210.	2.6	82
2	Direct Numerical Simulation of Wave Packets in Hypersonic Compression-Corner Flow. AIAA Journal, 2016, 54, 2034-2050.	2.6	40
3	Design and Self-Noise of MET Closed-Loop Seismic Accelerometers. IEEE Sensors Journal, 2017, 17, 2008-2014.	4.7	28
4	Self-Noise of the MET Angular Motion Seismic Sensors. Journal of Sensors, 2015, 2015, 1-5.	1.1	24
5	Two-Dimensional Shock-Wave/Boundary-Layer Interaction in the Presence of Entropy Layer. AIAA Journal, 2013, 51, 80-93.	2.6	17
6	Direct Numerical Simulation of Supersonic Boundary-Layer Stabilization by Porous Coatings. , 2007, , .		15
7	Ocean-Bottom Seismographs Based on Broadband MET Sensors: Architecture and Deployment Case Study in the Arctic. Sensors, 2021, 21, 3979.	3.8	14
8	Low-Frequency Seismic Node Based on Molecular-Electronic Transfer Sensors for Marine and Transition Zone Exploration. Journal of Atmospheric and Oceanic Technology, 2017, 34, 1743-1748.	1.3	13
9	The temperature dependence of amplitude-frequency response of the MET sensor of linear motion in a broad frequency range. IEEE Sensors Journal, 2019, , 1-1.	4.7	12
10	Entropy-Layer Influence on Single-Fin and Double-Fin/Boundary-Layer Interactions. AIAA Journal, 2016, 54, 443-457.	2.6	7
11	Influence of the Dielectric Coating of the Outer Side of the Cathode in the Anode-Cathode Pairs of a Molecular Electronic Sensitive Element on the Conversion Coefficient. Micromachines, 2022, 13, 360.	2.9	6
12	A Comparative Study of Aqueous and Non-Aqueous Solvents to Be Used in Low-Temperature Serial Molecular-Electronic Sensors. Chemosensors, 2022, 10, 111.	3.6	6
13	Receptivity of Supersonic Boundary Layer on a Blunt Plate to Acoustic Disturbances. , 2004, , .		5
14	Direct Numerical Simulations of Transitional Boundary Layer over a Flat Plate in Hypersonic Free-Stream. , 2016, , .		3
15	Direct Numerical Simulation of Unstable Disturbances in Supersonic Boundary Layer. , 2004, , .		2
16	Influence of entropy layer on the flow over a wedge and a pair of wedges on the plate. , 2014, , .		1
17	Numerical Simulation of Three-Dimensional Wave Packet in Supersonic Flow over a Compression Corner. , 2015, , .		1
18	Instability of the attachment line boundary layer in a supersonic swept flow. Journal of Fluid Mechanics, 2022, 933, .	3.4	1

#	ARTICLE	IF	CITATIONS
19	Numerical Simulation of Flow and Heat Transfer in the Base Region of Martian Descent Vehicle. , 2010, , .		0
20	Numerical Study of Wave Trains in Supersonic Flow over a Compression Corner. , 2016, , .		0