E Yu Koroteeva

List of Publications by Year
in descending order

28 papers	123 citations	1478505 6 h-index	1372567 10 g-index
31 all docs	31 docs citations	31 times ranked	88 citing authors

#	Article	IF	Citations
1	Shock wave interaction with a thermal layer produced by a plasma sheet actuator. Journal Physics D: Applied Physics, 2017, 50, 085204.	2.8	26
2	Infrared-based visualization of exhalation flows while wearing protective face masks. Physics of Fluids, 2022, 34, 011705.	4.0	12
3	Numerical modeling and design of a disk-type rotating permanent magnet induction pump. Fusion Engineering and Design, 2016, 106, 85-92.	1.9	9
4	Simulating particle inertia for velocimetry measurements of a flow behind an expanding shock wave. Physics of Fluids, 2018, 30, .	4.0	9
5	Numerical and experimental study of shock waves emanating from an open-ended rectangular tube. Shock Waves, 2016, 26, 269-277.	1.9	8
6	Simulation of liquid metal flow induced by counter-rotating permanent magnets in a rectangular crucible. Magnetohydrodynamics, 2015, 51, 37-44.	0.3	8
7	Experimental and numerical investigation of a flow induced by a pulsed plasma column. Physics of Fluids, 2018, 30, .	4.0	6
8	Evolution and fluid dynamic effects of pulsed column-shaped plasma. Experimental Thermal and Fluid Science, 2019, 109, 109868.	2.7	5
9	An optical study of high-pressure water-jet dynamics. Moscow University Physics Bulletin (English) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	4
10	Thermal signatures of liquid droplets on a skin induced by emotional sweating. Quantitative InfraRed Thermography Journal, 2022, 19, 115-125.	4.2	4
11	Pulsed discharge-induced high-speed flow near a dielectric ledge. Experiments in Fluids, 2021, 62, 1.	2.4	4
12	Gas-dynamic phenomena accompanying shock-wave interactions with the cooling plasma of a pulsed surface discharge. Doklady Physics, 2011, 56, 423-426.	0.7	3
13	Investigation of the interaction of a shock wave with the zone of a pulsed surface discharge in a rectangular channel. Moscow University Physics Bulletin (English Translation of Vestnik) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.4	3
14	Spectral peculiarities of turbulent pulsations of submerged water jets. Technical Physics Letters, 2016, 42, 686-688.	0.7	3
15	Infrared Thermography and Image Analysis of Dynamic Processes around the Facial Area. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika), 2017, 72, 595-600.	0.4	3
16	Experimental investigation of the flow dynamics and boundary layer in a shock tube with discharge section based on digital panoramic methods. AIP Conference Proceedings, 2018, , .	0.4	3
17	Velocity-Field Measurements in a Fluid Boundary Layer Based on High-Speed Thermography. Doklady Physics, 2020, 65, 100-102.	0.7	3
18	Effect of Axial Pressure of Fibres on Deformation of Fibre Carrier Flanges During Optical Glass Fibre Winding. Fibre Chemistry, 2017, 49, 122-124.	0.2	2

#	Article	IF	Citations
19	Time-resolved thermographic analysis of the near-wall flow of a submerged impinging water jet. Experimental Thermal and Fluid Science, 2021, 121, 110264.	2.7	2
20	Thermography-based remote detection of psycho-emotional states. , 0, , .		2
21	Analysis of the Visualization Region in Near-Wall Fluid Layer by High-Speed Infrared Thermography. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta,) Tj ETQq1 1 0.784314 rg BT /Overlock 10	0.4	2
22	The development of turbulence behind a shock wave front moving in an inhomogeneous region. Technical Physics Letters, 2012, 38, 519-522.	0.7	1
23	Analysis of large visualization datasets for thermographic studies in fluid dynamics. Scientific Visualization, 2020, 12, .	0.4	1
24	Calculation of spinneret feeder elements for creep. Fibre Chemistry, 2008, 40, 548-552.	0.2	0
25	The effect of column-shaped discharge duration on induced high-speed flow dynamics. Physics of Fluids, 2020, 32, 096103.	4.0	0
26	High-speed IR thermography of submerged turbulent water jets. , 0, , .		0
27	Application of high-speed thermographic visualization for validation of numerical simulations of liquid boundary layer flows. Scientific Visualization, 2018, 10, 112-121.	0.4	0
28	Estimating turbulent boundary layer characteristics by high-speed infrared thermography. , 0, , .		0