

# Vitaly V Rakhmanov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2315675/publications.pdf>

Version: 2024-02-01

16  
papers

77  
citations

1478505

6  
h-index

1474206

9  
g-index

16  
all docs

16  
docs citations

16  
times ranked

46  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase triangulation method with spatial modulation frequency optimization. Measurement: Journal of the International Measurement Confederation, 2019, 145, 63-70.	5.0	14
2	Flow diagnostics downstream of a tribladed rotor model. Thermophysics and Aeromechanics, 2012, 19, 171-181.	0.5	13
3	STUDY OF 3D FLOW STRUCTURE AND HEAT TRANSFER IN A VORTEX FURNACE. Heat Transfer Research, 2016, 47, 653-667.	1.6	13
4	Optical measurement of instantaneous liquid film thickness based on total internal reflection. Journal of Engineering Thermophysics, 2011, 20, 407-415.	1.4	9
5	Experimental Assessment of the Applicability of Laser Triangulators for Measurements of the Thickness of Hot Rolled Product. Measurement Techniques, 2015, 57, 1378-1385.	0.6	6
6	Analysis of Ion Current Integral Characteristics for Estimation of Combustion Process Parameters in Internal Combustion Engines. International Journal of Mechanical Engineering and Robotics Research, 2017, , 188-193.	1.0	6
7	A controlled stabilized high-voltage power supply for a photomultiplier tube. Instruments and Experimental Techniques, 2006, 49, 676-678.	0.5	5
8	Power installations geometrical parameters optical control method steady against thermal indignations. EPJ Web of Conferences, 2015, 82, 01035.	0.3	3
9	Small disturbance diagnostic inside the vortex tube with a square cross-section. AIP Conference Proceedings, 2016, , .	0.4	3
10	The modified absorption optic method for diagnostics of the wave liquid film on a rotating surface. Thermophysics and Aeromechanics, 2012, 19, 83-89.	0.5	2
11	The analysis of applicability of the refractive-index-matching method for flow investigation by LDA method in models of the fire chambers of complex geometry. EPJ Web of Conferences, 2014, 76, 01008.	0.3	2
12	<title>Laser Doppler semiconductor anemometry of vortex flow behind the vane wheel rotor of the water turbine</title>. , 2006, , .		1
13	Automatic parameters adjustment of LDA signals detection system. , 2017, , .		0
14	Investigation of the scaled simulator of the gas flow distributor for catalytic neutralization of gas emissions. AIP Conference Proceedings, 2018, , .	0.4	0
15	Universal Industrial-applicable Calibration Method of Optical-electronic Triangulation Systems for 3D Geometry Measurements. IOP Conference Series: Materials Science and Engineering, 2019, 611, 012077.	0.6	0
16	Phase triangulation method with statistical filtering for measurements under conditions of random additive noise and a limited dynamic range of a photodetector. Izmeritel'naya Tekhnika, 2022, , 36-40.	0.2	0