

# Yury Zemenkov

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

216  
citations

9  
h-index

14  
g-index

36  
ext. papers

248  
ext. citations

0.4  
avg, IF

3.36  
L-index

#	Paper	IF	Citations
35	Expert Systems of Multivariable Predictive Control of Oil and Gas Facilities Reliability. <i>Procedia Engineering</i> , <b>2015</b> , 113, 312-315		46
34	Immediate Analyses and Calculation of Saturated Steam Pressure of Gas Condensates for Transportation Conditions. <i>Procedia Engineering</i> , <b>2015</b> , 113, 254-258		30
33	Innovative cyclical development of the Russian pipeline system <b>2014</b> ,		26
32	Improving the Efficiency of Administrative Decision-Making when Monitoring Reliability and Safety of Oil and Gas Equipment. <i>MATEC Web of Conferences</i> , <b>2016</b> , 73, 07001	0.3	20
31	Modeling Parameters of Reliability of Technological Processes of Hydrocarbon Pipeline Transportation. <i>MATEC Web of Conferences</i> , <b>2016</b> , 73, 01029	0.3	15
30	Estimation of Emissions During Monitoring of Pipelines in the Dynamic Mode of Operation. <i>MATEC Web of Conferences</i> , <b>2016</b> , 86, 04053	0.3	14
29	Modeling the Phase Composition of Gas Condensate in Pipelines. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 154, 012010	0.4	12
28	Research and Design of Thermophysical Gas-Liquid Mixture Parameters in Product Pipelines. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 154, 012021	0.4	9
27	Strategy for monitoring and ensuring safe operation of Russian gas transportation systems. <i>MATEC Web of Conferences</i> , <b>2017</b> , 106, 06004	0.3	9
26	Mathematic Modeling of Complex Hydraulic Machinery Systems When Evaluating Reliability Using Graph Theory. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 127, 012056	0.4	5
25	System of Controlling the Reliability of Hydraulic Machinery in Oil and Gas Facilities. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 127, 012055	0.4	4
24	Thermal calculations of underground oil pipelines. <i>MATEC Web of Conferences</i> , <b>2017</b> , 106, 06005	0.3	4
23	Modernization of the individual device for temperature stabilization of the soil. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 445, 012011	0.4	4
22	Monitoring of Phase Distribution when Controlling Safety of Transport Processes and Hydrocarbon Storage. <i>MATEC Web of Conferences</i> , <b>2016</b> , 86, 04054	0.3	3
21	Mathematic simulation of the effect of a buried oil pipeline on permafrost soils. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 445, 012004	0.4	3
20	Mechanical Properties of the Assembly Welded Joint of the Oil Transportation Tank After a Long-Term Service. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 127, 012049	0.4	2
19	Development of Thermophysical Hydrocarbon Wastes Pyrolysis Model (in the Case of Wood). <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 154, 012012	0.4	2

18	Noospheric ecological imperative in culture of technocratic society. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 357, 012001	0.4	2
17	Mathematical modelling of the interaction of a multilayer pipeline with permafrosts in RF arctic zone <b>2019</b> ,		1
16	Real time intelligent technological control of reliability and efficiency in the systems of carbon transportation <b>2019</b> ,		1
15	Innovative intelligent technologies for predictive reliability and risk management in oil and gas transport and storage systems <b>2020</b> ,		1
14	Assessment of geo-cryological conditions in the design and operation of pipelines in the Arctic zone of the Russian Federation. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 445, 012005	0.4	1
13	Gas hydrate suspensions formation and transportation research. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 357, 012002	0.4	1
12	Estimation of the Heat Balance of the Liquid Hydrocarbons Evaporation Process from the Open Surface During Geotechnical Monitoring. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 154, 012002	0.4	0
11	Monitoring and Forecasting of the Consequences of the Oil Products Discharge and Pumping Out During Real-Time Processes of Operation of a Horizontal Oil Pipeline. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 272, 032088	0.3	
10	Operational monitoring of oil transport regimes for frequency regulation of the pump unit. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1210, 012165	0.3	
9	Ensuring Environmental Safety of Hydrocarbon Pipeline Transport Using Nanotechnology. <i>Materials Science Forum</i> , <b>2016</b> , 871, 192-198	0.4	
8	Developing Mathematical Provisions for Assessment of Liquid Hydrocarbon Emissions in Emergency Situations. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 154, 012011	0.4	
7	Fuel Temperature Fluctuations During Storage. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 154, 012001	0.4	
6	Influence of surfactants on gas-hydrate formation kinetics in water-oil emulsion. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 357, 012025	0.4	
5	Technology of Ultrasonic Treatment of High-Viscosity Oil from Yarega Oilfield to Improve the Rheological Properties of Oil. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 154, 012041	0.4	
4	Application of Technology of Hydrodynamic Cavitation Processing High-Viscosity Oils for the Purpose of Improving the Rheological Characteristics of Oils. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 154, 012026	0.4	
3	Development of Nature Protection Technologies of Hydrocarbon Wastes Disposal on the Basis of High- Temperature Pyrolysis. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 154, 012016	0.4	
2	Modelling the parameters of emptying an inclined pipeline in the safety management under demanding conditions. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 445, 012006	0.4	
1	Viability of using different types of main oil pipelines pump drives. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 357, 012012	0.4	

