

Yury Zemenkov

List of Publications by Year in descending order

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36
papers

275
citations

933447

10
h-index

940533

16
g-index

36
all docs

36
docs citations

36
times ranked

42
citing authors

#	ARTICLE	IF	CITATIONS
1	Expert Systems of Multivariable Predictive Control of Oil and Gas Facilities Reliability. Procedia Engineering, 2015, 113, 312-315.	1.2	48
2	Immediate Analyses and Calculation of Saturated Steam Pressure of Gas Condensates for Transportation Conditions. Procedia Engineering, 2015, 113, 254-258.	1.2	32
3	Innovative cyclical development of the Russian pipeline system. WIT Transactions on Ecology and the Environment, 2014, , .	0.0	27
4	Improving the Efficiency of Administrative Decision-Making when Monitoring Reliability and Safety of Oil and Gas Equipment. MATEC Web of Conferences, 2016, 73, 07001.	0.2	21
5	Estimation of Emissions During Monitoring of Pipelines in the Dynamic Mode of Operation. MATEC Web of Conferences, 2016, 86, 04053.	0.2	19
6	Modeling Parameters of Reliability of Technological Processes of Hydrocarbon Pipeline Transportation. MATEC Web of Conferences, 2016, 73, 01029.	0.2	16
7	Modeling the Phase Composition of Gas Condensate in Pipelines. IOP Conference Series: Materials Science and Engineering, 2016, 154, 012010.	0.6	15
8	Strategy for monitoring and ensuring safe operation of Russian gas transportation systems. MATEC Web of Conferences, 2017, 106, 06004.	0.2	15
9	Research and Design of Thermophysical Gas-Liquid Mixture Parameters in Product Pipelines. IOP Conference Series: Materials Science and Engineering, 2016, 154, 012021.	0.6	14
10	Mathematic Modeling of Complex Hydraulic Machinery Systems When Evaluating Reliability Using Graph Theory. IOP Conference Series: Materials Science and Engineering, 2016, 127, 012056.	0.6	12
11	System of Controlling the Reliability of Hydraulic Machinery in Oil and Gas Facilities. IOP Conference Series: Materials Science and Engineering, 2016, 127, 012055.	0.6	10
12	Mechanical Properties of the Assembly Welded Joint of the Oil Transportation Tank After a Long-Term Service. IOP Conference Series: Materials Science and Engineering, 2016, 127, 012049.	0.6	6
13	Real time intelligent technological control of reliability and efficiency in the systems of carbon transportation. AIP Conference Proceedings, 2019, , .	0.4	6
14	Thermal calculations of underground oil pipelines. MATEC Web of Conferences, 2017, 106, 06005.	0.2	5
15	Mathematic simulation of the effect of a buried oil pipeline on permafrost soils. IOP Conference Series: Materials Science and Engineering, 2018, 445, 012004.	0.6	5
16	Innovative intelligent technologies for predictive reliability and risk management in oil and gas transport and storage systems. AIP Conference Proceedings, 2020, , .	0.4	5
17	Modernization of the individual device for temperature stabilization of the soil. IOP Conference Series: Materials Science and Engineering, 2018, 445, 012011.	0.6	4
18	Monitoring of Phase Distribution when Controlling Safety of Transport Processes and Hydrocarbon Storage. MATEC Web of Conferences, 2016, 86, 04054.	0.2	3

#	ARTICLE	IF	CITATIONS
19	OPERATIONAL MONITORING OF OIL TRANSPORT REGIMES FOR FREQUENCY REGULATION OF THE PUMP UNIT. Dynamics of Systems Mechanisms and Machines, 2018, 6, 016-021.	0.1	3
20	Estimation of the Heat Balance of the Liquid Hydrocarbons Evaporation Process from the Open Surface During Geotechnical Monitoring. IOP Conference Series: Materials Science and Engineering, 2016, 154, 012002.	0.6	2
21	Development of Thermophysical Hydrocarbon Wastes Pyrolysis Model (in the Case of Wood). IOP Conference Series: Materials Science and Engineering, 2016, 154, 012012.	0.6	2
22	Noospheric ecological imperative in culture of technocratic society. IOP Conference Series: Materials Science and Engineering, 2018, 357, 012001.	0.6	2
23	Assessment of geo-cryological conditions in the design and operation of pipelines in the Arctic zone of the Russian Federation. IOP Conference Series: Materials Science and Engineering, 2018, 445, 012005.	0.6	1
24	Gas hydrate suspensions formation and transportation research. IOP Conference Series: Materials Science and Engineering, 2018, 357, 012002.	0.6	1
25	Mathematical modelling of the interaction of a multilayer pipeline with permafrosts in RF arctic zone. AIP Conference Proceedings, 2019, , .	0.4	1
26	Technology of Ultrasonic Treatment of High-Viscosity Oil from Yarega Oilfield to Improve the Rheological Properties of Oil. IOP Conference Series: Materials Science and Engineering, 2016, 154, 012041.	0.6	0
27	Application of Technology of Hydrodynamic Cavitation Processing High-Viscosity Oils for the Purpose of Improving the Rheological Characteristics of Oils. IOP Conference Series: Materials Science and Engineering, 2016, 154, 012026.	0.6	0
28	Development of Nature Protection Technologies of Hydrocarbon Wastes Disposal on the Basis of High- Temperature Pyrolysis. IOP Conference Series: Materials Science and Engineering, 2016, 154, 012016.	0.6	0
29	Ensuring Environmental Safety of Hydrocarbon Pipeline Transport Using Nanotechnology. Materials Science Forum, 0, 871, 192-198.	0.3	0
30	Developing Mathematical Provisions for Assessment of Liquid Hydrocarbon Emissions in Emergency Situations. IOP Conference Series: Materials Science and Engineering, 2016, 154, 012011.	0.6	0
31	Fuel Temperature Fluctuations During Storage. IOP Conference Series: Materials Science and Engineering, 2016, 154, 012001.	0.6	0
32	Modelling the parameters of emptying an inclined pipeline in the safety management under demanding conditions. IOP Conference Series: Materials Science and Engineering, 2018, 445, 012006.	0.6	0
33	Viability of using different types of main oil pipelines pump drives. IOP Conference Series: Materials Science and Engineering, 2018, 357, 012012.	0.6	0
34	Influence of surfactants on gas-hydrate formation' kinetics in water-oil emulsion. IOP Conference Series: Materials Science and Engineering, 2018, 357, 012025.	0.6	0
35	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. IOP Conference Series: Earth and Environmental Science, 2019, 272, 032088.	0.3	0
36	Operational monitoring of oil transport regimes for frequency regulation of the pump unit. Journal of Physics: Conference Series, 2019, 1210, 012165.	0.4	0