

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	Innovative intelligent technologies for predictive reliability and risk management in oil and gas transport and storage systems. AIP Conference Proceedings, 2020, , .	0.4	5
2	Mathematical modelling of the interaction of a multilayer pipeline with permafrosts in RF arctic zone. AIP Conference Proceedings, 2019, , .	0.4	1
3	Real time intelligent technological control of reliability and efficiency in the systems of carbon transportation. AIP Conference Proceedings, 2019, , .	0.4	6
4	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
5	Operational monitoring of oil transport regimes for frequency regulation of the pump unit. Journal of Physics: Conference Series, 2019, 1210, 012165.	0.4	0
6	Modernization of the individual device for temperature stabilization of the soil. IOP Conference Series: Materials Science and Engineering, 2018, 445, 012011.	0.6	4
7	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
8	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
9	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
10	Noospheric ecological imperative in culture of technocratic society. IOP Conference Series: Materials Science and Engineering, 2018, 357, 012001.	0.6	2
11	Viability of using different types of main oil pipelines pump drives. IOP Conference Series: Materials Science and Engineering, 2018, 357, 012012.	0.6	0
12	Gas hydrate suspensions formation and transportation research. IOP Conference Series: Materials Science and Engineering, 2018, 357, 012002.	0.6	1
13	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
14	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
15	Strategy for monitoring and ensuring safe operation of Russian gas transportation systems. MATEC Web of Conferences, 2017, 106, 06004.	0.2	15
16	Thermal calculations of underground oil pipelines. MATEC Web of Conferences, 2017, 106, 06005.	0.2	5
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
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	Monitoring of Phase Distribution when Controlling Safety of Transport Processes and Hydrocarbon Storage. MATEC Web of Conferences, 2016, 86, 04054.	0.2	3
22	Estimation of Emissions During Monitoring of Pipelines in the Dynamic Mode of Operation. MATEC Web of Conferences, 2016, 86, 04053.	0.2	19
23	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
24	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
25	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
26	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
27	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
28	Fuel Temperature Fluctuations During Storage. IOP Conference Series: Materials Science and Engineering, 2016, 154, 012001.	0.6	0
29	Modeling the Phase Composition of Gas Condensate in Pipelines. IOP Conference Series: Materials Science and Engineering, 2016, 154, 012010.	0.6	15
30	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
31	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
32	Modeling Parameters of Reliability of Technological Processes of Hydrocarbon Pipeline Transportation. MATEC Web of Conferences, 2016, 73, 01029.	0.2	16
33	Immediate Analyses and Calculation of Saturated Steam Pressure of Gas Condensates for Transportation Conditions. Procedia Engineering, 2015, 113, 254-258.	1.2	32
34	Expert Systems of Multivariable Predictive Control of Oil and Gas Facilities Reliability. Procedia Engineering, 2015, 113, 312-315.	1.2	48
35	Innovative cyclical development of the Russian pipeline system. WIT Transactions on Ecology and the Environment, 2014, , .	0.0	27
36	Ensuring Environmental Safety of Hydrocarbon Pipeline Transport Using Nanotechnology. Materials Science Forum, 0, 871, 192-198.	0.3	0