

Перечень основных публикаций кафедры за последние 5 лет

1. Bolobov V. I., Latipov I. U. , Popov G. G. [Estimation of the influence of compressed hydrogen on the mechanical properties of pipeline steels](#) / Energies, № 6085, V 14, 2021. С 1 - 27 .
2. Liagova A. A., Liagov I. A. [Optimization of the Configuration of the Power Sections of Special Small-Sized Positive Displacement Motors for Deep-Penetrating Perforation Using the Technical System “Perfobore”](#) / Applied Sciences, № 11, V 11, 2021. С 1 - 15 .
3. Bolobov V. I., Popov G. G. [Determination of factors affecting on grooving corrosion](#) / Topical Issues of Rational Use of Natural Resources, № 1, 2020. pp. 393 – 399.
4. Gafarova V. A., Kuzeev I. R. , Schipachev A. M. [Investigation of the magnetic nanoparticles interaction on inert carriers](#) / Key Engineering Materials, № 1, T 854, 2020. С 80 - 86 .
5. Schipachev A. M., Mukhamadeev I. G. , Mukhamadeev V. G. [The study of the elemental composition in the surface layers of the cutting tool with composite nanostructured coating](#) / Materials Today: Proceedings , № 19, 2020. pp. 2401 - 2404 .
6. Pshenin V. V., Korshak A. A. , Gaisin M. T. [Method of structural minimization of the average risk for identification of pressure and mass transfer of evaporating oil at tanker loading](#) / Neftyanoe Khozyaystvo-Oil Industry, № 10, 2019. С 108 - 111 .
7. Palaev A. G., Shipachev A. M. , Nosov V. V., Chipura S. I. [The study of the quality of the surface layer of the pump plunger](#) / IOP Conference Series: Materials Science and Engineering, № 1, T 560, 2019. pp. 217 - 224 .
8. Zakirova G. S., Krapivsky E. I. [Application of ANSYS/FLUENT software package for analysis of thermohydraulic processes in the low-temperature main pipeline for liquified hydrocarbon](#) / Journal of Physics: Conference Series, № 1384, 2019. pp. 1 - 6 .
9. Belousov A. E., Samigullin G. K. , Kleimenov A. V. [Modeling of Gaseodynamic Processes at a Pressure Reduction Point with the Use of a Volumetric Expander–Generator Set to Assure Safe Recycling of the Energy of Compressed Natural Gas](#) / Chemical and Petroleum Engineering, № 6, T 54, 2018. С 392 - 398 .
10. Fetisov V. G., Nikolaev A. K. , Dukhnevich L. N., Lykov Y. V. [Mathematical modeling of the non-stationary gas flow in gas pipeline](#) / IOP: Earth and Environmental Science , № 88, V 88, 2018. С 1 - 5 .

11. Fetisov V. G., Nikolaev A. K. , Lykov Y. V. [Aggregative simulation method for implementing mathematical models for gas transmission systems](#) / IOP: Earth and Environmental Science , № 88, V 88, 2018. C 1 - 7 .
12. Liagova A. A., Samigullin G. H. [Determination of the limiting sizes of crack-like defects in a wall of steel vertical tanks](#) / Neftyanoe Khozyaystvo - Oil Industry, № 3, 2017. C 104 - 107 .