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Список научных трудов по теме диссертации:

1. V. Shagapov, A. Chiglintseva, G. Rafikova On the Applicability of a Quasi-Stationary Solution of the Diffusion Equation for the Hydrate Layer Formed at the Gas–Ice (Water) Interface // **Theoretical Foundations of Chemical Engineering**, 2018, 52, 560–567.
2. V. Shagapov, O. Shepelkevich, A. Yalaev The initial stage of hydrate formation in liquid volume on impurity particles upon contact of gas and water // **Theoretical Foundations of Chemical Engineering**, 2017, 51, 448-457.
3. Шагапов В. Ш., Юмагулова Ю. А. Автомодельная задача о росте гидратной частицы в водном растворе газа // **ТОХТ**, 2016, 50 (3), 278–280.
4. V. Shagapov, A. Chiglintseva, A. A. Rusinov, B. I. Tazetdinov On the migration of a single gas bubble in water // **High Temperature**, 2017, 55, 420–425.
5. V. Shagapov, A. Chiglintseva, A. Rusinov, B. Tazetdinov Migration of a single gas bubble in water during the formation of stable gas-hydrate crust on its surface // **Theoretical Foundations of Chemical Engineering**, 2017, 51, 216-223.
6. V. Shagapov, Y. Yumagulova, O. Shepelkevich On hydrate growth in aquatic gas solution // **Thermophysics and Aeromechanics**, 2016, 23, 537–542.
7. V. Shagapov, Y. Yumagulova Automodel Problem of the Growth of the Hydrate Particle in Aqueous Solution of Gas // **Theoretical Foundations of Chemical Engineering**, 2016, 50, 270-272.
8. V. Koledin, V. Shagapov The dynamics of the growth of vapour bubbles in a superheated liquid // **Journal of Applied Mathematics and Mechanics**, 2014, 77 (5), 541-550.
9. V. Shagapov, V. Koledin The theory of the growth of vapor bubbles in a metastable liquid // **High Temperature**, 2013, 51, 486–494.
10. V. Shagapov, V. Koledin, N. Vakhitova Stability of an overheated liquid containing vapor-gas bubbles // **Journal of Applied Mechanics and Technical Physics**, 2013, 54 (5), 742–755.