Оппонент

**Иванова Наталья Анатольевна** – к.ф.-м.н., зав. лабораторией Федерального государственного автономного образовательного учреждения высшего образования "Тюменский государственный университет", 625003, г. Тюмень, ул. Володарского, 6, Тел: +7(3452) 59-74-00 доб. 17134, e-mail: [n.ivanova@utmn.ru](mailto:n.ivanova@utmn.ru)

**Список научных трудов по теме диссертации за последние 5 лет:**

**Ivanova N. A.,** Kubochkin N. S., Starov V. M. Wetting of hydrophobic substrates by pure surfactants at continuously increasing humidity //Colloids and Surfaces A: Physicochemical and Engineering Aspects. – 2017. – Т. 519. – С. 71-77.

Tatosova K. A., Malyuk A. Y., **Ivanova N. A.** Droplet formation caused by laser-induced surface-tension-driven flows in binary liquid mixtures //Colloids and Surfaces A: Physicochemical and Engineering Aspects. – 2017. – Т. 521. – С. 22-29.

Тарасов О.А., Тарасова Н.А., **Иванова Н.А.** Перемешивание испаряющихся капель на жидких подложках, вызванное фестонной неустойчивостью // Письма в Журнал технической физики. – 2017. – Т. 43. – № 17. – С. 48-55.

Bezuglyi B. A., **Ivanova N. A.,** Sizova L. V. Transport phenomena and dimensionless numbers: towards a new methodological approach //European Journal of Physics. – 2017. – Т. 38. – №. 3. – С. 033001.

**Ivanova N. A.,** Kovalchuk N.M., Sobolev V.D., Starov V.M. Wetting films of aqueous solutions of Silwet L-77 on a hydrophobic surface //Soft matter. – 2016. – Т. 12. – №. 1. – С. 26-30.

**Ivanova N. A.,** Starov, V. M., Trybala, A., Flyagin, V. M. Removal of micrometer size particles from surfaces using laser-induced thermocapillary flow: Experimental results //Journal of colloid and interface science. – 2016. – Т. 473. – С. 120-125.

**Ivanova N. A.,** Tatosov A. V., Bezuglyi B. A. Laser-induced capillary effect in thin layers of water-alcohol mixtures //The European Physical Journal E. – 2015. – Т. 38. – №. 6. – С. 60.

Mahdi F. M., Record, T. E., Amadi, C. A., Emmanuel, F. O., **Ivanova, N.,** Trybala, A., Starov, V. M. Removal of submicron particles from solid surfaces using surfactants //Colloids and Interface Science Communications. – 2015. – Т. 6. – С. 13-16.

**Ivanova N.,** Starov V. M. Wetting and Spreading by Aqueous Surfactant Solutions //Surfactant Science and Technology. – CRC Press, 2014. – С. 198-219.

Kovalchuk N. M., Trybala, A., Starov, V., Matar, O., **Ivanova, N.** Fluoro-vs hydrocarbon surfactants: Why do they differ in wetting performance? //Advances in Colloid and Interface Science. – 2014. – Т. 210. – С. 65-71.