

Избранные публикации официального оппонента

к.х.н. **Чернышева Анатолия Викторовича**

по тематике защищаемой диссертации

1. Chernyshev A. V. et al. Operando XAS and UV–Vis Characterization of the Photodynamic Spiropyran–Zinc Complexes //The Journal of Physical Chemistry B. – 2019. – Vol. 123. – №. 6. – P. 1324-1331.
2. Chernyshev A. V. et al. Ion-depended photochromism of oxadiazole containing spiropyrans //Journal of Photochemistry and Photobiology A: Chemistry. – 2019. – Vol. 378. – P. 201-210.
3. Chernyshev A. V. et al. Polychromogenic molecular systems based on photo-and ionochromic spiropyrans //Dyes and Pigments. – 2018. – Vol. 158. – P. 506-516.
4. Chernyshev A. V. et al. Spectroscopic, photochromic and kinetic properties of 5'-benzothiazolyl derivatives of spiroindolenaphthopyrans: An experimental and theoretical study //Dyes and Pigments. – 2014. – Vol. 111. – P. 108-115.
5. Chernyshev A. V. et al. Photodynamic chromogenic system based on photo-and ionochromic 8-(1, 3-benzoxazol-2-yl)-substituted spirobenzopyran //Doklady Chemistry. – Pleiades Publishing, 2016. – Vol. 471. – №. 2. – P. 368-372.
6. Chernyshev A. V. et al. Spiropyran and spirooxazines 6. The spectral and kinetic properties of 5-(4, 5-diphenyl-1, 3-oxazol-2-yl)-substituted spironaphthopyrans: an experimental and theoretical study //Russian Chemical Bulletin. – 2011. – Vol. 60. – №. 3. – P. 456.
7. Chernyshev A. V. et al. Photo-and thermochromic cation sensitive spiro [indoline-pyridobenzopyrans] //Journal of Physical Organic Chemistry. – 2007. – Vol. 20. – №. 11. – P. 908-916.
8. Rostovtseva I. A., Chernyshev, A. V. et al. Experimental and theoretical insight into the complexation behavior of spironaphthopyrans bearing o-positioning benzazole moiety //Journal of Molecular Structure. – 2017. – Vol. 1145. – P. 55-64.
9. Makarova N. I., Chernyshev, A. V. et al. Photochromic 1-benzofurylfulgides with modulated fluorescence //ARKIVOC. – 2016. – Vol. 6. – P. 1-10.