

**Избранные публикации официального оппонента  
доктора химических наук Метелицы Анатолия Викторовича  
по тематике защищаемой диссертации**

- [1] Metelitsa A. V., Chernyshev A. V., Demidov O. P., Makarova N. I., Rostovtseva I. A., Voloshin N. A., Solov'eva E. V., Tupaeva, I. O., Mukhanov, E. L., Gaeva, E. B. Molecular platform based on a spiroindolinonaphthopyran of the diphenyloxazole series for the creation of polychromogenic molecular systems // *Dyes Pigm.* – 2022. – Vol. 207. – Art. № 110703.
- [2] Metelitsa A. V., Chernyshev A. V., Voloshin, N. A., Solov'eva, E. V., Dorogan, I. V. Chromogenic properties of heterocyclic compounds: Barochromic effect of indoline spiropyrans in the gas phase // *J. Photochem. Photobiol. A.* – 2022. – Vol. 430. – Art. № 113982.
- [3] Metelitsa A., Chernyshev A., Voloshin N., Solov'eva E., Rostovtseva I., Dorogan I., Gaeva E., Guseva A. Semipermanent merocyanines of spirocyclic compounds: Photochromic “balance” // *Dyes Pigm.* – 2021. – Vol. 186. – Art. № 109070.
- [4] Metelitsa A., Chernyshev A., Voloshin N., Demidov O., Solov'eva E., Rostovtseva I., Gaeva E. Photo-controlled bipolar absorption switches based on 5-dimethylamino substituted indoline spiropyrans with semipermanent merocyanines // *New J. Chem.* – 2021. – Vol. 45. – P. 13529-13538.
- [5] Chernyshev A. V., Solov'eva E. V., Voloshin N. A., Demidov O. P., Gaeva E. B., Nepomnyashiy A. S., Metelitsa A. V. Biphotochromic and ionochromic benzoxazolyl-substituted spirobipyrrans // *J. Photochem. Photobiol. A.* – 2021. – Vol. 413. – Art. № 113259.
- [6] Metelitsa A. V., Poizat O., Buntinx G., Dorogan I. V. Femto/Picosecond Transient Absorption Study of Perimidinespirocyclohexadienone Derivatives Ring-Opening Dynamics // *ChemPhysChem* – 2020. – Vol. 21. – P. 2565-2572.
- [7] Vetrova E. V., Tupaeva I. O., Sayapin Y. A., Gusakov E. A., Nikolaevskii S. A., Demidov O. P., Minkin V. I., Metelitsa A. V. Chromogenic properties of 2-(2-carbomethoxy-3,4-dichloro-6-hydroxyphenyl)benzoxazole and its Zn(II) and Cd(II) complexes // *Dyes Pigm.* – 2020. – Vol. 180. – Art. № 108417.
- [8] Chernyshev A. V., Voloshin N. A., Rostovtseva I. A., Demidov O. P., Shepelenko K. E., Solov'eva E. V., Gaeva E. B., Metelitsa A. V. Benzothiazolyl substituted spiropyrans with ion-driven photochromic transformation // *Dyes Pigm.* – 2020. – Vol. 178. – Art. № 108337.

- [9] Chernyshev A. V., Rostovtseva I. A., Burov O. N., Popov L. D., Morozov A. N., Kletskii M. E., Bulanov A. O., Gaeva E. B., Metelitsa A. V. Hydrogen bond effect of the photoswitching of a spiropyran dyad // *J. Photochem. Photobiol. A.* – 2020. – Vol. 398. – Art. № 112611.
- [10] Chernyshev A. V., Guda A. A., Cannizzo A., Solov'eva E. V., Voloshin N. A., Rusalev Y., Shapovalov V. V., Smolentsev G., Soldatov A. V., Metelitsa A. V. Operando XAS and UV–Vis Characterization of the Photodynamic Spiropyran–Zinc Complexes // *J. Phys. Chem. B.* – 2019. – Vol. 123. – P. 1324–1331.