

СВЕДЕНИЯ О ВЕДУЩЕЙ ОРГАНИЗАЦИИ

Полное наименование

Федеральное государственное бюджетное учреждение науки Институт элементоорганических соединений им. А.Н. Несмеянова Российской академии наук

Сокращенное название

ИНЭОС РАН

Почтовый адрес

119991, ГСП-1, Москва, В-334, Ул. Вавилова, 28

Телефон

(8)499-135-92-02

Адрес электронной почты

larina@ineos.ac.ru

Адрес официального сайта

<http://www.ineos.ac.ru/>

Список основных публикаций по теме диссертации в рецензируемых научных изданиях за последние 5 лет

1. Fedorova, O. Analysis of benzodiaza-15-crown-5 ether derivative binding properties by potentiometric and optical methods / O. Fedorova, Y. Fedorov, M. Oshchepkov, M. Dobrovolskaya // J. Phys. Org. Chem. - 2012. - V. 25. - P. 835-839.
2. Chernikova, E. Self-assembly of a ternary architecture driven by cooperative Hg²⁺ ion binding between cucurbit[7]uril and crown ether macrocyclic hosts / E. Chernikova, D. Berdnikova, Yu. Fedorov, O. Fedorova, A. Peregudov, L. Isaacs // Chem. Commun. - 2012. - V. 48. - P. 7256-7258.
3. Paramonov, S.V. Synthesis, metal ion binding, and photochromic properties of benzo- and naphthopyransannulated by crown ether moieties / S.V. Paramonov, V. Lokshin, A.B. Smolentsev, E.M. Glebov, V.V. Korolev, S.S. Basok, K.A. Lysenko, S. Delbaere, O.A. Fedorova // Tetrahedron. - 2012. - V. 68. - P. 7873-7883.
4. Panchenko, P.A. Comparative analysis of the PET and ICT sensor properties of 1,8-naphthalimides containing aza-15-crown-5 ether moiety / P.A. Panchenko, Yu.V. Fedorov, O.A. Fedorova, G. Jonusauskas // Dyes and Pigments. - 2013. - V. 98. - P. 347-357.
5. Berdnikova, D.V. Azadithiacrown ether based ditopic receptors capable of simultaneous multi-ionic recognition of Ag⁺ and Hg²⁺ / D.V. Berdnikova, Yu.V. Fedorov, O.A. Fedorova // Dyes and Pigments. - 2013. - V. 96. - P. 287-295.
6. Smolentsev, A.B. Fluorescent properties of an azacrown-containing styryl derivative of naphthopyran: ion-binding response and photochemical switching off / A.B. Smolentsev, E.M. Glebov, V.V. Korolev, S.V. Paramonov, O.A. Fedorova // Photochem. Photobiol. Sci. - 2013. - V. 10. - P. 1954-1962.
7. Shepel, N.E. Photoresponsive dendron-like metallocomplexes of the crown-containing styryl derivatives of 2,2'-bipyridine / N.E. Shepel, O.A. Fedorova, E.N. Gulakova, A.S. Peregudov, V.V. Novikov, Yu.V. Fedorov // Dalton Trans. - 2014. - V. 43. - P. 769-778
8. Delbaere, S. Metal-ion induced FRET in macrocyclic dynamic tweezers / S. Delbaere, E.V. Tulyakova, E. Marmois, G. Jonusauskas, E.N. Gulakova, Y.V. Fedorov, O.A. Fedorova // Tetrahedron. - 2013. - V. 69. - P. 8178-8185.
9. Lukovskaya, E. Effect of the chromophoric unit on the complex formation properties in the crown ether containing styryl dyes / E. Lukovskaya, Y. Glazova, Y. Fedorov, A. Bobylyova, A. Mizerev, A. Moiseeva, A. Anisimov, A. Peregudov, O. Fedorova // Dyes and Pigments. - 2014. - V. 104. - P. 151-159.
10. Paramonov, S.V. Spiropyran, Chromene or Spirooxazine Ligands: Insights into Mutual Relations between Complexing and Photochromic Properties / S.V. Paramonov, V. Lokshin, O.A. Fedorova // J. Photochem. Photobiol. C: Photochem. Rev. - 2011. - V. 12. - P. 209-236.