

Обсуждение статей сотрудников ККСНИ

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В.А. Лазаренко (Отдел синхротронных экспериментальных станций)

1. Ion-dependent photochromism of oxadiazole containing spiropyrans. Авторы: В.А. Лазаренко. Журнал: Journal of Photochemistry and Photobiology A: Chemistry.
2. Tuning the Molecular and Cationic Affinity in a Series of Multifunctional Metal-Organic Frameworks Based on Novel Zn₁₂ Carboxylate Wheels. Авторы: В.А. Лазаренко, П.В. Дороватовский. Журнал: JACS.
3. Spin-crossover behavior of neutral iron(III) complexes with salicylaldehyde thio-, seleno- and semicarbazone ligands: experiment and theoretical analysis. Авторы: N. G. Spitsyna, M.A. Blagov, V. A. Lazarenko, L. V. Zorina, A. N. Vasiliev, V. B. Krapivin, R D. Svetogorov, O.V.Maximova, S. V. Simonov, E. B. Yagubskii. Журнал: Dalton Transactions.
4. Metal-organic frameworks based on polynuclear lanthanide cations and rhenium cluster anions. Авторы: Y.M. Litvinova, Ya.M. Gayfulin, J. van Leusen, D. G. Samsonenko, V.A. Lazarenko, Ya.V. Zubavichus, P. Kögerler and Yu.V. Mironov. Журнал: Inorganic Chem. Frontiers.

П.В.Дороватовский (Отдел синхротронных экспериментальных станций)

5. Mechanofluorochromic tetrahedral silicon-centered dibenzoylmethanato-boron difluorides: Synthesis, crystal structure and photophysical properties. Авторы: Yu. Kononevich, M. N. Temnikov, A. A. Korlyukov, A. D. Volodin, P. V. Dorovatovskii, V. A. Sazhnikov, D. S. Ionov, G. A. Yurasik, N. M. Surin, E. A. Svidchenko, A. M. Muzafarov. Журнал: Journal of the American Chemical Society.
6. Monopropargylamine iron(II) clathrochelate with a reactive terminal triple C-C bond and its hybrid carboranoclathrochelate derivative with a flexible linker fragment between the polyhedral cages: synthesis and X-ray structure. Авторы: G. E. Zelinskii, A. S. Belov, A. V. Vologzhanina, I. P. Limarev, A. A. Pavlov, V. A. Olshevskaya, A. V. Makarenkov, P. V. Dorovatovskii, E. G. Lebed , Ya. Z. Voloshin. Журнал: Dalton Trans. as Communication.
7. Neutral water-soluble μ -S nitrosyl iron complex with acetylcysteine non-silent in EPR spectra. Авторы: Tatiana N. Rudneva, Andrey N. Utenyshev, Nina S. Emel'yanova, Pavel V. Dorovatovskii, Alexander V. Kulikov, Maxim G. Spirin, Nikolay S. Ovanesyan, and Sergey M. Aldoshin. Журнал: Dalton Transaction.

8. Crystal structure of dimethyl (3a*S*,6*R*,6a*S*,7*S*)-2-pivaloyl-2,3-dihydro-1*H*, 6*H*,7*H*-3a,6:7,9a-diepoxybenzo[de]isoquinoline-3a1,6a-dicarboxylate, C₂₁H₂₅NO₈.
Авторы: Pavel V. Dorovatovskii, Nurlana D. Sadigova, Alakbar E. Huseynzada, Sarvinaz F. Hajiyeva, Alejandro Cárdenas, Jonathan Cisterna and Iván Brito Журнал: Zeitschrift für Kristallographie – New Crystal Structures
9. Synthesis, characterization, DFT calculations, and biological activity of copper(II) complexes with 1,1,1-trifluoro-4-(2-methoxyphenyl)butan-2,4-dione. Авторы: Liliya A. Khamidullina, Igor S. Puzyrev, Tatiana V. Glukhareva, Svetlana A. Shatunova, Pavel A. Slepukhin, Pavel V. Dorovatovskii, Yan V. Zubavichus, Victor N. Khrustalev, Zhijin Fan, Tatiana A. Kalinina, Alexander V. Pestov Журнал: Journal of Molecular Structure.
10. Uranyl coordination compounds with alkaline earth metals and crotonate ligands. Авторы: Anton V. Savchenkov, Pavel A. Pirozhkov, Anna V. Vologzhanina, Yan V. Zubavichus, Pavel V. Dorovatovskii, Denis V. Pushkin, Larisa B. Serezhkina. Журнал: Inorganic Chemistry.
Р.Г. Чумаков (Отдел синхротронных экспериментальных станций)
11. Pt/C and Pt/SnO_x/C Catalysts for Ethanol Electrooxidation: Rotating Disk Electrode Study.
Авторы: Artem S. Pushkarev, Irina V. Pushkareva, Natalia A. Ivanova, Stephanus P. du Preez, Dmitri Bessarabov, Ratibor G. Chumakov, Vladimir G. Stankevich, Vladimir N. Fateev, Anatoly A. Evdokimov and Sergey A. Grigorie. Журнал: Catalysts.