

Избранные публикации официального оппонента члена-корреспондента РАН,
профессора, доктора химических наук Кукушкина Вадима Юрьевича
по тематике защищаемой диссертации за последние 5 лет

- 1) Dubovtsev A.Y., Dar'in, D. V., Krasavin M., **Kukushkin V.Y.** Gold-Catalyzed Oxidation of Internal Alkynes into Benzils and its Application for One-Pot Synthesis of Five-, Six-, and Seven-Membered Azaheterocycles // *Eur. J. Org. Chem.* 2019, V. 2019, P. 1856-1864.
- 2) Mahmudov K.T., **Kukushkin V.Y.**, Gurbanov A.V., Kinzhalov M.A., Boyarskiy V.P., Guedes da Silva M.F.C. , Pombeiro A.J.L. Isocyanide metal complexes in catalysis // *Coord. Chem. Rev.* 2019, V. 384, P. 65-89.
- 3) Zimin D.P., Dar'in D.V., Rassadin V.A., **Kukushkin V.Y.** Gold-Catalyzed Hydrohydrazidation of Terminal Alkynes // *Org. Lett.* 2018, V. 20, 16, P. 4880-4884.
- 4) Chay R.S., Rocha B.G.M., Pombeiro A.J.L., **Kukushkin V.Y.**, Luzyanin K.V. Platinum Complexes with Chelating Acyclic Aminocarbene Ligands Work as Catalysts for Hydrosilylation of Alkynes // *ACS Omega.* 2018, V. 3, P. 863-871.
- 5) Melekhova A.A., Novikov A.S., Panikorovskii T.L., Bokach N.A., **Kukushkin V.Y.** A novel family of homoleptic copper(I) complexes featuring disubstituted cyanamides: a combined synthetic, structural, and theoretical study // *New J. Chem.* 2017, V. 41, P. 14557-14566.
- 6) Anisimova T.B., Kinzhalov M.A., Guedes da Silva M.F.C., Novikov A.S., **Kukushkin V.Y.**, Pombeiro A.J.L., Luzyanin K.V. Addition of N-nucleophiles to gold(III)-bound isocyanides leading to short-lived gold(III) acyclic diaminocarbene complexes // *New J. Chem.* 2017, V. 41, P. 3246-3250.
- 7) Melekhova A.A., Smirnov A.S., Novikov A.S., Panikorovskii T.L., Bokach N.A., **Kukushkin V.Y.** Copper(I)-Catalyzed 1,3-Dipolar Cycloaddition of Ketonitrones to Dialkylcyanamides: A Step toward Sustainable Generation of 2,3-Dihydro-1,2,4-oxadiazoles // *ACS Omega.* 2017, V. 2, P. 1380-1391.
- 8) Bolotin D.S., Rassadin V.A., Bokach N.A., **Kukushkin V.Y.** Metal-involving generation of aminoheterocycles from N-substituted cyanamides: Toward sustainable chemistry (a Minireview) // *Inorg. Chim. Acta.* 2017, V. 455, P. 446-454.
- 9) Mikherdov A.S., Kinzhalov M.A., Novikov A.S., Boyarskiy V.P., Boyarskaya I.A., Dar'in D.V., Starova G.L., **Kukushkin V.Y.** Difference in Energy between Two Distinct Types of Chalcogen Bonds Drives Regioisomerization of Binuclear (Diaminocarbene)PdII Complexes // *J. Am. Chem. Soc.* 2016, V. 138, P. 14129-14137.
- 10) Bolotin D.S., Novikov A.S., Kolesnikov I.E., Suslonov V.V., Novozhilov Y., Ronzhina O., Dorogov M., Krasavin M., **Kukushkin V.Y.** Phosphorescent Platinum(II) Complexes Featuring Chelated Acetoxime Pyrazoles: Synthetic, Structural, and Photophysical Study // *ChemistrySelect.* 2016, V. 1, P. 456-461.