

Избранные публикации официального оппонента  
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по тематике защищаемой диссертации

- [1] Dmitrieva A. V., Levitskiy O. A., Grishin Y. K., **Magdesieva T. V.** A new oxidatively stable ligand for the chiral functionalization of amino acids in Ni(II)-Schiff base complexes // *Beilstein J. Org. Chem.* – 2023. – Vol. 19. – P. 566–574.
- [2] Levitskiy O. A., Aglamazova O. I., Grishin Y. K., **Magdesieva T. V.** Reductive opening of a cyclopropane ring in the Ni(II) coordination environment: a route to functionalized dehydroalanine and cysteine derivatives // *Beilstein J. Org. Chem.* – 2022. – Vol. 18. – P. 1166–1176.
- [3] Levitskiy O. A., Aglamazova O. I., Dmitrieva A. V., **Magdesieva T. V.** Diastereomeric Ni(II) Schiff-base cysteine derivatives: non-covalent interactions and redox activity // *Electrochimica Acta.* – 2021. – Vol. 388. – Article number 138537.
- [4] **Magdesieva T. V.** Ni(II) Schiff-base complexes as chiral electroauxiliaries and methodological platform for stereoselective electrochemical functionalization of amino acids // *Chem. Rec.* – 2021. – Vol. 21. – P. 2178–2192.
- [5] Levitskiy O. A., Grishin Y. K., **Magdesieva T. V.** [1,2]-Shift in chiral Ni(II) Schiff-base derivatives: conversion of  $\alpha$ -thiobenzylated amino acid into the cysteine derivative // *ChemistrySelect.* – 2021. – Vol. 6. – P. 3313–3317.
- [6] Levitskiy O. A., Aglamazova O. I., Grishin Y. K., Paseshnichenko K. A., **Magdesieva T. V.** Electrochemical transformations of chiral Ni(II) Schiff base derivative of serine: a route to novel structures // *ChemElectroChem.* – 2020. – Vol. 7. – P. 3361–3367.
- [7] Levitskiy O. A., Aglamazova O. I., Grishin Y. K., Paseshnichenko K. A., Soloshonok V. A., Moriwaki H., **Magdesieva T. V.** Solvent-triggered stereoselectivity of  $\alpha,\alpha$ -cyclopropanation of amino acids in the Ni(II) chiral coordination environment // *Dalton Trans.* – 2020. – Vol. 49. – P. 8636–8644.
- [8] Levitskiy O. A., Aglamazova O. I., Soloshonok V. A., Moriwaki H., **Magdesieva T. V.** Which stereoinductor is better for asymmetric functionalization of  $\alpha$ -amino acids in a nickel(II) coordination environment? Experimental and DFT considerations // *Chem. Eur. J.* – 2020. – Vol. 26. – P. 7074–7082.

- [9] Levitskiy O. A., Grishin Y. K., **Magdesieva T. V.** Stereoselective electrosynthesis of  $\beta$ -hydroxy- $\alpha$ -amino acids in the form of Ni(II)-Schiff base complexes // *Eur. J. Org. Chem.* – 2019. – P. 3174–3182.
- [10] Levitskiy O. A., Grishin Y. K., Semivrazhskaya O., Kochetkov K. A., **Magdesieva T. V.** Individual (f,tA)- and (f,tC)-fullerene-based nickel(II) glycinates: protected chiral amino acids directly linked to a chiral  $\pi$ -electron system // *Angew. Chem. Int. Ed.* – 2017. – Vol. 56. – P. 2704–2708.