



Oleksii O. Kolomoitsev, Ph.D.

Senior lecturer of Materials Chemistry Department
Senior Research Fellow of Research Institute of Chemistry

V.N. Karazin Kharkiv National University (*current affiliation*)



Date of birth: 18 April 1992
Citizenship: Ukrainian

Highly qualified chemist with deep knowledge in chemistry, organic chemistry and synthetic methodology with **over 8 years** of scientific experience in different spheres of chemical investigations and commercial synthesis, **over 4 years** of educational experience in the field of organic, bioorganic and macromolecular chemistry and strong organizing and management skills of research process.


SKILLS:


- Proficient in organic synthesis and heterocyclic chemistry.
- Advanced in spectral methods of analysis (NMR, LCMS etc.), US chemistry.
- Curriculum creating and optimization.
- Experimental data processing for presentation and publication.
- Writing scientific works, reviews and reports.
- Research group management, team leader skills.
- Meetings and scientific conferences organizing.

TECHNICAL SKILLS:

- Computer literacy: Windows, MS Office (Excel, PowerPoint, Word), computer and networking maintenance.
- Professional software user (MestreNova, ADVASP, ISIS software, ChemOffice, BIOVIA Draw, HyperChem).
- Online platforms user: Google Class, Google Meet, Zoom etc.
- Proficient in chemical laboratory equipment.

EXPERIENCE:

January 2023 – present time – Senior Research fellow
 [V.N. Karazin Kharkiv National University](#)


October 2020 – present time – Senior lecturer
 [V.N. Karazin Kharkiv National University](#)

February 2022 – December 2022 – Research fellow
 [V.N. Karazin Kharkiv National University](#)

June 2019 – Participant of ICTK-10 conference
 [University Toulouse III Paul Sabatier, Toulouse, France](#)

November 2017 – August 2019 – Teaching assistant
 [V.N. Karazin Kharkiv National University](#)

April 2015 – September 2017 – Junior research fellow
 [V.N. Karazin Kharkiv National University](#)

October 2014 – September 2017 – Engineer
 [V.N. Karazin Kharkiv National University](#)

ACTIVITIES:

- Over 25 International and Ukrainian conferences and congresses.
- Over 4 years in university admission and examination committees.
- Various promotional activities of admission campaign.
- Refereeing of students' scientific works and tournaments.
- University community services and miscellaneous volunteering.



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Languages:

- English (Fluent)
- Ukrainian (Native)
- Russian (Native)
- German (Basic)
- French (Basic)

EDUCATION:

2021 V.N. Karazin Kharkiv National University, Ph.D.

Doctoral thesis: Chemistry of 5-formylthiazole 2,4-disubstituted derivatives.

Primary interests: Thiazole chemistry, thiazole-based unsaturated systems, heterocyclic compounds.

Secondary interests: Amino acids and their derivatives, photoreactivity, biological activity.

2014 V.N. Karazin Kharkiv National University, M.Sc.

Master's thesis: Thienothiazole and thienoimidazole carbonyl derivatives. Synthesis and properties research.

2013 V.N. Karazin Kharkiv National University, B.Sc.

Bachelor's thesis: The conversion of novel ethylenediamines.

SELECTED WORKS:

1. Kotlyar, V. M.; [Kolomoitsev, O. O.](#); Nikolaievskiy, D. V.; Pedan, P. I.; Chumak, A. Yu.; Orlov, V. D.; Shishkina, S. V.; Doroshenko, A. O. *J. Mol. Struct.* **2019**, *1180*, 741-746. DOI: [10.1016/j.molstruc.2018.12.015](https://doi.org/10.1016/j.molstruc.2018.12.015).

2. Chumak, A. Yu.; Denysieva, Ye. O.; [Kolomoitsev, O. O.](#); Kotlyar, V. M.; Shvets, E. H.; Doroshenko, A. O. *J. Lumin.* **2020**, *223*, 117206-117210. DOI: [10.1016/j.jlumin.2020.117206](https://doi.org/10.1016/j.jlumin.2020.117206).

3. [Kolomoitsev, O. O.](#); Kotliar, V. M.; Tarasenko, D. O.; Buravov, O. V.; Doroshenko, A. O. *Monatsh. Chem.* **2020**, *151* (5), 765-772. DOI: [10.1007/s00706-020-02612-7](https://doi.org/10.1007/s00706-020-02612-7).

Scopus: scopus.com/authid/detail.uri?authorId=57205329489

Google Scholar: scholar.google.com/citations?user=rzFT1G0AAAAJ&hl=ru&oi=sra

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ResearchGate: researchgate.net/profile/Oleksii_Kolomoitsev