Anton Lytvynenko
Postdoc
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Employment and positions:

2024 – present	Postdoc: FZU – Institute of Physics of the Czech Academy of Sciences – 0.5 FTE.
2022 – present	Postdoc: Department of Analytical Chemistry, Faculty of Science, Charles University (0.5 FTE since 01.2024).
2017 – 2022	Research Scientist, Junior Research Scientist: L.V. Pisarzhevskii Institute of Physical Chemistry of the National Academy of Sciences of Ukraine *(Kyiv, Ukraine)*
2014 – 2017	Leading Engineer, 1st degree Engineer: L.V. Pisarzhevskii Institute of Physical Chemistry of the National Academy of Sciences of Ukraine *(Kyiv, Ukraine)*

Research stays abroad:

2019 – 2019 (2 months)	Postdoc: Faculty of Chemistry, Jagiellonian University, Prof. Grzegorz Sulka. Krakow, Poland.
2018 – 2019 (5 months)	Postdoc: Faculty of Chemistry, Jagiellonian University, Prof. Grzegorz Sulka. Krakow, Poland.

Education:

2017	Completed doctoral studies in Physical Chemistry (L.V. Pisarzhevskii Institute of Physical Chemistry of the National Academy of Sciences of Ukraine, Kyiv, Ukraine), earned scientific degree Candidate of Science (PhD equivalent). The PhD thesis was defended 20.12.2016, the degree was confirmed by the Ministry of Education and Science of Ukraine 28.02.2017.
2011	Completed master studies in Inorganic Chemistry (Taras Shevchenko National University of Kyiv, Chemical Faculty, Kyiv, Ukraine), earned MSc. degree.
2009	Completed bachelor studies in Inorganic Chemistry (Taras Shevchenko National University of Kyiv, Chemical Faculty, Kyiv, Ukraine), earned BSc. degree.

All activities before 03.2022 took place outside the Czech Republic.

Publications:

29/28 peer-reviewed indexed publications (Scopus/WoS), 6 patents of Ukraine, abstracts of 50+ reports (including an invited presentation) on international and local conferences. H-index = 11/10 (Scopus/WoS), number of citations (Scopus/WoS): 328/291 by 252/234 documents.

Awards and stipends:

2019–2021	Stipend of the President of Ukraine for young scientists.
2019	Award of the National Academy of Sciences of Ukraine for young scientists and students for the best scientific works.
2017–2019	Stipend of the National Academy of Sciences of Ukraine for young scientists.
2017	Award of Ukrainian Parliament for the most talented young scientists in fundamental and applied research and scientific-technical developments (for year 2016, awarded in 2017).

Received Funding:

2022–2023	Grant of the JUNIOR Fund of Charles University “Study of electrochemical and adsorption processes on sp^3 carbon surfaces in relation to their physico-chemical characteristics”, personal grant.
2020–2021	Joint Polish-Ukrainian project “Nanostructured nickel and palladium-containing composites based on anodic nanoporous alumina for selective catalytic hydrogenation of organic compounds” co-supported by the Ministry of Education and Science of Ukraine and Polish National Agency for Academic Exchange, principal investigator of the Ukrainian team (contract numbers M/115-2020, M/110-2021).
2019–2020	Grant for scientific projects of young scientists of the National Academy of Sciences of Ukraine “Composites of nanoporous copper foams and porous coordination polymers as heterogeneous catalysts of condensation and hydrogenation reactions”, principal investigator (contract numbers 69-09/06-2019 and 69-09/06-2020).
2019	Queen Jadwiga Scholarship from Jagiellonian University, personal grant.
2019	President’s of Ukraine grant for support of the scientific studies of young scientists “Creation of novel composite materials on the base of nanostructured metal foams, modified by porous coordination polymers, for detection and remediation of halogen-containing organic pollutants”, principal investigator (contract number F82/227-2019).
2018	Visegrad Scholarship 2018 (contract number 51810453), personal grant.
2018	Grant of State Fund for Fundamental Research of Ukraine “Creation of composites of nickel metal nanoparticles with chromium(III) porous coordination polymers for debenzylation of benzylamines and benzyl ethers” (contract number F83/91-2018), principal investigator.

Supervision experience:

Since 2025: supervisor of a PhD project at Charles University, Faculty of Science, Department of Analytical Chemistry.

Supervisor of a Master (defended 2025) and a Bachelor (defended 2024) projects at Charles University, Faculty of Science, Department of Analytical Chemistry.

Supervisor of 2 Master (defended 2019 and 2020) a 2 Bachelor (defended 2017 and 2021) projects at Taras Shevchenko National University of Kyiv.