

Personal information

Date of birth	05.10.2001
Education	Lomonosov Moscow State University, Department of Chemistry (2019-2025) Specialist (electrochemistry)
Languages	English (B2-C1) Chinese (HSK1)

Scientific interests

- Atomistic modeling of materials for metal-ion batteries
- Theoretical electrochemistry
- Physical & chemical methods of analysis in solid state chemistry

Research experience

2023 – present Storion Research Lab, Skoltech

Theoretical investigation of amorphous anode materials for lithium-ion batteries (silicon oxide and hard carbon based) within the framework of density functional theory

2019 - 2022 Laboratory of Inorganic Crystal Chemistry
MSU, department of inorganic chemistry

Inorganic synthesis, methods of analysis of inorganic compounds (XRD, ICP-OES), electrochemical measurements from preparation of electrodes to measurements and results interpretation, preparation of electrolytes. The main object of research was $\text{Li}_2\text{CoPO}_4\text{F}$.

2022 AnanikovLab, Machine Learning group, ZIOC RAS

Internship. Project was dedicated to applications of machine learning and neural networks for complex mass-spectra interpretation. The objects of research were cross-coupling reaction intermediates.

Conferences participation

1. International conference of students and young scientists “Lomonosov-2021”, section “Inorganic chemistry”. April 12-23, 2021, Moscow, Russia
2. 6th ICYS 2021 “Solid state chemistry of battery materials”, November 12-16, 2021
3. School-conference “New horizons in catalysis and organic chemistry”, May 19-20, 2022
4. International conference of students and young scientists “Lomonosov-2023”, section “Physical chemistry I: molecular modeling, spectroscopy, laser chemistry”, April 10-21, 2023, Moscow, Russia