

PERSONAL INFORMATION

Zbruyev, Oleksandr

Year of Birth: 1977

Nationality: Ukraine

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Researcher Unique Identifiers:

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EDUCATION AND QUALIFICATIONS

Specialist with honor - Chemistry, June 1998, Kharkiv State University

Candidate of Science - Organic Chemistry, April 2008, Karazin Kharkiv National University

CURRENT POSITION

Senior Researcher of Department of Organic and Bioorganic Chemistry

State Scientific Institution "Institute for Single Crystals" of NAS of Ukraine

PREVIOUS POSITIONS

September 1991 – July 1998: Student, Kharkiv State University

June 1996 - October 1999: laboratory assistant, Ukrainian Institute of Pharmacotherapy of Endocrine Diseases

October 1999 - June 2000: technician-chemist, Yuliivka Gas Processing Department

August 2000 – January 2003: engineer, SSI "Institute for Single Crystals" NASU

October 2001 – June 2002: Guest Researcher, Karl-Franzens University of Graz, Austria

February 2003 – February 2015: Junior Researcher, SSI "Institute for Single Crystals" NASU

March 2008: Guest Researcher, Universität Konstanz, Germany

March 2015 – January 2017: senior engineer, SSI "Institute for Single Crystals" NASU

February 2017 – June 2015: Junior Researcher, SSI "Institute for Single Crystals" NASU

July 2019 – December 2022: Researcher, SSI "Institute for Single Crystals" NASU

TEACHING

-supervision of Master of Sciences and Bachelor diploma theses;

- conducting practical training for students of the Faculty of Chemistry of Karazin Kharkiv National University

AREAS OF ACTIVITY

The areas of scientific activity are related to the synthesis of heterocyclic compounds, the use of non-classical methods of activation of organic reactions - microwave radiation, ultrasonic activation, photochemistry, electrochemistry, the search for new activation methods; research in the field of supramolecular chemistry and host-host complexes. The activities also relate to the optimization and scaling up of organic synthesis for kilogram quantities, the applied use of the results in agrochemistry and veterinary medicine, the development of new preparations and technological support for the synthesis of existing preparations.

LANGUAGES

Ukrainian

English

Russian