

CURRICULUM VITAE

1. Family name: KOLESNIK
First name: Yaroslav
Middle name: Valentinovich



2. Present position

Assistant professor
Department of Inorganic Chemistry,
V.N. Karazin Kharkiv National University

address

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3. Personal data

Date and place of birth: August 15, 1977; Kharkiv, UKRAINE
Nationality: Ukrainian
Marital status: single

4. Education

Period (from/to)	Name of institution	Position	Main subjects studied
09/1994-07/1999	V.N. Karazin Kharkiv National University	student	chemistry, physics, mathematics, English
12/1999-11/2002	V.N. Karazin Kharkiv National University	post graduate	physical chemistry, computers and programming, English

5. Qualification

Ph.d. V.N. Karazin Kharkiv National University, 2005

6. Employment

Period (from/to)	Position	Employer and place of work
02/2007 - till now	Assistant Professor	Department of Inorganic Chemistry, KhNatUni

7. Subjects read at the Kharkiv National University

- Inorganic and General Chemistry
- Molecular Dynamics simulations of disordered condensed matter
- Mathematical methods and their application in Chemistry
- Interspace interactions and particle dynamics in solutions
- Crystal chemistry

8. Research interests

- Molecular dynamics simulation of molecular liquids and electrolyte solutions

9. Computational and programming experience

- C, C++ development (computational chemistry, molecular dynamics simulation)
- Computer modeling (*GROMACS*, *MDNAES*, *GAMESS*, *Gaussian*).

10. Publications

1. T. V. Chernozhuk, O. N. Kalugin, **Ya. V. Kolesnik** Microstructure and dynamics of single charged ions in propylene carbonate // Kharkov University Bulletin.– 2013. No 1085. Chemical Series. Issue 22 (45).– P. 25-37.
2. Vira N. Agieienko, **Yaroslav V. Kolesnik**, Oleg N. Kalugin Structure, solvation, and dynamics of Mg²⁺, Ca²⁺, Sr²⁺, and Ba²⁺ complexes with 3-hydroxyflavone and perchlorate anion in acetonitrile medium: A molecular dynamics simulation study // The Journal of Chemical Physics. Vol. 140, 194501 (2014), P. 1-14.
3. Molecular modelling on solutions of 1-1'-spirobipirrolidinium tetrafluoroborate in acetonitrile / Igor S. Vovchynskyi, **Yaroslav V. Kolesnik**, Yaroslav I. Filatov, Oleg N. Kalugin // Journal of Molecular Liquids.– 2017.– Vol. 235.– P. 60–67.

11. Conferences

12. Linguistic ability Native languages: Ukrainian
Other language proficiency on scale of 1 (basic) to 3 (fluent) for reading, writing and speaking: English 3, 2, 2;
Russian 3, 3, 3

13. Permanent private address

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