



Vardanyan Viktorya

Personal Information:

Date of birth: 06 November 1994
Place of birth: Akhuryan, Armenia
Citizenship: Republic of Armenia
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Sex: Female
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Education

2020 – so far– A.B. Nalbandyan Institute of Chemical Physics NAS RA, the laboratory of kinetics of SHS processes, PhD student
2017 - 2019- Yerevan State University, the Faculty of Chemistry, the department of Organic Chemistry, Master's degree
2014 - 2017 - Yerevan State University, the Faculty of Chemistry, the department of Chemistry, Bachelor's degree, a teacher of Chemistry

Professional Experience

2020 september so far -A.B. Nalbandyan Institute of Chemical Physics NAS RA, the laboratory of kinetics of SHS processes, Junior researcher
2019 june-2020 september- A.B. Nalbandyan Institute of Chemical Physics NAS RA, the laboratory of kinetics of SHS processes, laboratory assistant
2019 january so far- A Teacher of Chemistry in French school foundation (lycée) after Anatole France
2018 april-may-A teacher of Chemistry No 1 in secondary school in village Qasakh

Grants and Awards

2018-2020 18T-1D051 Ministry of Education, Science, Culture and Sport RA **Science Committee** /participant/
Non-isothermal kinetics of solid phase reactions. Effect of heating rate
2022- Faculty Research Funding Program implemented by Enterprise Incubator Foundation (EIF) with support of Philip Morris International (PMI) Science - "Preparation of Superconductive Ni₃CuN Antiperovskite Nitride as a Battery Material" - 2022
2022- US Office of Naval Research Grant - N62909-22-1-2068 - "Degradation of Ultra High Temperature Materials under Extreme Conditions" - 2022

Trainings

2022- 'Scientific Entrepreneurship'

2022- Empowering Science 'How to write a successful proposal in scientific field'

Computer Skills

MS Word, MS Excel, MS Access, MS PowerPoint, Photoshop, Isman Thermo Software, Jade, Internet

Language Skills

Armenian - fluent, native

Russian - good

English - good

Publications: Articles

2020- V.S. Vardanyan, H.A. Chatilyan, Kh. V. Manukyan, S.L. Kharatyan «Kinetics of WO₃ Reduction By H₂ and CH₄ at Linear Heating» Chemical Journal of Armenia , 2020 73(2-3) 131-143

2022- V.S. VARDANYAN, H.A. CHATILYAN and S.L. KHARATYAN KINETIC FEATURES OF NICKEL OXIDE REDUCTION BY METHANE & HYDROGEN AT NONISOTHERMAL CONDITIONS Chemical Journal of Armenia, 2021 74(3-4) 245-256

2022 - V. S. VARDANYAN KINETICS OF HIGH-TEMPERATURE REDUCTION OF IRON OXIDE (II, III) BY HYDROGEN Chemical Journal of Armenia , 2022, 75(2) 127-139

Publications: Abstracts & Conference Proceedings

Vardanyan V.S., Kharatyan A.S. " HIGH TEMPERATURE KINETICS OF COBALT OXIDE REDUCTION BY HYDROGEN" September 24-28, 2023, Yerevan, Armenia