

# Shushanna Vanik Vardanyan

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## Research Center for Chemistry

Օրգանական քիմիայի լաբորատորիա  
Junior Researcher

## Education

<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Faculty of Chemistry
<b>Date</b>	2021 - 2023
<b>Degree name</b>	Masters

<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Faculty of Chemistry
<b>Date</b>	2016 - 2020
<b>Degree name</b>	Bachelor

## Language skills

Հայերեն Русский English

## Work experience

<b>Institution</b>	Faculty of Chemistry, YSU
<b>Period of time</b>	2022 till now
<b>Rank/degree</b>	Junior Science worker

<b>Institution</b>	Department of organic chemistry, Faculty of Chemistry, YSU
<b>Period of time</b>	2021 - 2022
<b>Rank/degree</b>	Senior laboratory assistant, secretary

<b>Institution</b>	Hrazdan high school N1 after Kh.Abovyan
<b>Period of time</b>	2020 - 2022
<b>Rank/degree</b>	Laboratory instructor at the laboratory of chemistry and biology

## Scientific interests

- Polymer Chemistry

## Publications

*Article*

**Penta-substituted arylbenzene derivatives as efficient hole-transporting materials**

Shushanna Vardanyan, Bezikonnyi Oleksandr, Durgaryan Ranush, Tamulevicius Tomas,

Volyniuk Dmytro, Simokaitiene Jurate, Minaev Boris, Danyliv Yan, Minaeva Valentina, Macionis Simas,

Grazulevicius Juozas V

Optical Materials 2025 116834

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*Article*

**Effects of carbazolyl and diphenylamino substituents bearing methoxy groups on the performance of hole-transporting materials in OLEDs**

Shushanna Vardanyan, Durgaryan Ranush, Oleksandr Bezikonnyi, Tomas Tamulevicius,

Dmytro Volyniuk, Ausrine Jurkeviciute, Jurate Simokaitiene, Jurate Simokaitiene, Simas Macionis,

Juozas Vidas Grazulevicius

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 2024 124713

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*Conference*

**Synthesis And Investigation Of Azo /Triazene Group Containing Conjugated Polymers**

N. A. Durgaryan, Sh. Vardanyan

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*Conference*

**SYNTHESIS AND STUDY OF AZO GROUP CONTAINING POLYMERS**

Shushanna Vardanyan, Narine Durgaryan, Juozas Gražulevičius

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*Conference*

**SYNTHESIS AND STUDY OF POLYMERS AND OLIGOMERS CONTAINING BENZTRIAZOLE MOIETY**

Shushanna Vardanyan, Narine Durgaryan, Juozas Vidas Gražulevičius

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*Conference*

**PHENYL-PHENOXAZINE DERIVATIVES-CONTAINING CYANO GROUPS AS NEAR-INFRARED EMITTERS**

Sh. Vardanyan, N. Durgaryan, S. Macionis, J. Simokaitiene, J. V. Grazulevicius

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