# Shushanna Vanik Vardanyan

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**Research Center of Chemistry**
Օրգանական քիմիայի լաբորատորիա
Junior Researcher
**Faculty of Chemistry**
Research Center of Chemistry
Օրգանական քիմիայի լաբորատորիա
Junior Researcher
**Faculty of Chemistry**
Chair of Organic Chemistry
Lecturer on an hourly basis
**STEM School**
Group Leader

## Education

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| **Institution** | Yerevan State University |
| **Faculty** | Faculty of Chemistry |
| **Date** | 2021 - 2023 |
| **Degree name** | Masters |

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| **Institution** | Yerevan State University |
| **Faculty** | Faculty of Chemistry |
| **Date** | 2016 - 2020 |
| **Degree name** | Bachelor |

## Language skills

Հայերեն Русский English

## Work experience

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| **Institution** | Faculty of Chemistry, YSU |
| **Period of time** | 2022 till now |
| **Rank/degree** | Junior Science worker |

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

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| **Institution** | Hrazdan high school N1 after Kh.Abovyan |
| **Period of time** | 2020 - 2022 |
| **Rank/degree** | Laboratory instructor at the laboratory of chemistry and bilogy |

## Publications

*Article*

**Penta-substituted arylbenzene derivatives as efficient hole-transporting materials**
Shushanna Vardanyan, Bezvikonnyi Oleksand, Durgaryan Ranush, Tamulevicius Tomas,

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

Grazulevicius Juozas V
Optical Materials 2025 116834

*Article*

**Synthesis and investigation of benzidine − aniline and benzidine − o-anisidine copolymers with PANi like structure**
Sh. Vardanyan, P. Minasyan, G. Grigoryan, N.Durgaryan

European Polymer Journal 2025 1-10

*Article*

**Effects of carbazolyl and diphenylamino substituents bearing methoxy groups on the performance of hole-transporting materials in OLEDs**
Shushanna Vardanyan, Durgaryan Ranush, Oleksandr Bezvikonnyi, 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

*Conference*

**PHENYL-PHENOXAZINE DERIVATIVES-CONTAINING CYANO GROUPS AS NEAR-INFRARED EMITTERS**
Sh. Vardanyan, N. Durgaryan, S. Macionis, J. Simokaitiene, J. V. Grazulevicius

2024 38-38

https://bps2024.ktu.edu/

*Conference*

**Synthesis And Investigation Of Azo /Triazene Group Containing Conjugated Polymers**
N. A. Durgaryan, Sh. Vardanyan

2023 1

https://conferences.coned.ncsu.edu/fpi15/program

*Conference*

**SYNTHESIS AND STUDY OF AZO GROUP CONTAINING POLYMERS**
Shushanna Vardanyan, Narine Durgaryan, Juozas Gražulevičius

2023 52 - 52

https://forms.office.com/pages/responsepage.aspx?id=RT1UKnKpdESdU9zxqX4WI4Dt72u...

*Conference*

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

Shushanna Vardanyan, Narine Durgaryan, Juozas Vidas Gražulevičius
2023 95 - 95
https://advancedmaterials.ktu.edu/archive/amt-2023/