

Shushanna Vanik Vardanyan

✉ shushanna.vardanyan@ysu.am



Research Center of Chemistry

Օրգանական քիմիայի լաբորատորիա

Junior Researcher

Education

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

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

Language skills

Հայերեն Русский English

Work experience

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

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

Institution	Hrazdan high school N1 after Kh.Abovyan
Period of time	2020 - 2022
Rank/degree	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, Bezikonny Olexand, 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 carbazoyl and diphenylamino substituents bearing methoxy groups on the performance of hole-transporting materials in OLEDs

Shushanna Vardanyan, Durgaryan Ranush, Olexandr Bezikonny, 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

Synthesis And Investigation Of Azo /Triazene Group Containing Conjugated Polymers

N. A. Durgaryan, Sh. Vardanyan

Conference

SYNTHESIS AND STUDY OF AZO GROUP CONTAINING POLYMERS

Shushanna Vardanyan, Narine Durgaryan, Juozas Gražulevičius

Conference

SYNTHESIS AND STUDY OF POLYMERS AND OLIGOMERS CONTAINING BENZTRIAZOLE MOIETY

Shushanna Vardanyan, Narine Durgaryan, Juozas Vidas Gražulevičius

Conference

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

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