Zara Lernik Grigoryan

zara.grigoryan@ysu.am

Faculty of Chemistry
Chair of Physical and Colloid Chemistry
Senior laboratory assistant

Faculty of Chemistry
Chair of Physical and Colloid Chemistry
Senior laboratory assistant

Faculty of Chemistry
Chair of Physical and Colloid Chemistry
Lecturer

Faculty of Chemistry
Research Center of Chemistry
Ֆիզիկական քիմիայի լաբորատորիա
Senior laboratory assistant

Education

Institution	Yerevan State University
Faculty	Department of chemistry/Pharmaceutical Chemistry
Date	1998 - 2003
Degree name	Qualified specialist

Scientific Rank/degree

Date	2020
Degree name	Candidate
Scientific Supervisor	doctor of science,professor S.A. Markarian
Research Topic	Physicochemical study of dimethyl-and diethylsulfoxides solutions of some compounds containing nitrile group

Language skills

English

Work experience

Institution	Yerevan State University
Period of time	2020 till now
Rank/degree	senior laborant

Publications

Article

Density and Viscosity of Dimethylsulfone (or Diethylsulfone) Solutions in Acetonitrile: Comparison to Aqueous Solutions
Hasmik Sargsyan, Zara Grigoryan, Shiraz Markarian, Gevorg Grigoryan

Journal of Chemical & Engineering Data 2026 2098 - 2105

https://doi.org/10.1021/acs.jced.6c00013

Conference

Effect of Polystyrene Nanoparticles on Gangleron Binding to Bovine Serum Albumin
Grigoryan K.R., Zatikyan A.L., Grigoryan Z.L., Gabrielyan A.A., Shilajyan H.A.

2025 177 - 177

https://newtrendschem.org/

Conference

Volumetric Properties of Solutions of Dimethylsulfone and Diethylsulfone
Grigoryan Z., Markarian Sh.

2025 178 - 178

https://newtrendschem.org/program/

Article

Dimethyl sulfoxide heavily extends homogeneous regions of the Propionitrile/DMSO/Water mixtures
Heghine H. Ghazoyan, Zara L. Grigoryan, Shiraz A. Markarian, Vitaly V. Chaban

Journal of Molecular Liquids 2023 121734

Conference

Thermodynamic study of binary mixtures of aliphatic nitriles (acetonitrile, propionitrile, butyronitrile and acrylonitrile) with dimethylsulfoxide (or diethylsulfoxide)
Shiraz Markarian, Zara Grigoryan, Heghine Ghazoyan

2023 97 - 97

https://icsc2023.pmf.uns.ac.rs/

Conference

FLUORESCENCE PROPERTIES OF 2-METHYLQUINOLIN-4-OL AND ITS MERCAPTO-OXADIAZOLYL DERIVATIVE IN DIMETHYLSULFOXIDE AQUEOUS SOLUTIONS
Hasmik Shilajyan, Karine Grigoryan, Iskuhy Aleksanyan, Zara Grigoryan, Lilit Hambardzumyan

2022 81-82

https://polychar-28.ysu.am/%D5%A3%D5%AC%D5%AD%D5%A1%D5%BE%D5%B8%D6%80/

Article

THE EFFECT OF DIMETHYLSULFOXIDE ON THE FLUORESCENCE PROPERTIES OF SOME 4-HYDROXYQUINOLINES
Karine R. Grigoryan, Hasmik A. Shilajyan, Iskuhi L. Aleksanyan, Zara L. Grigoryan,

Lilit P. Hambardzumyan
Proceedings of the YSU B Chemical and Biological Sciences 2021 112-117

Conference

ИССЛЕДОВАНИЕ СМЕСЕЙ АЛИФАТИЧЕСКИХ НИТРИЛОВ С СУЛЬФОКСИДАМИ НА

ОСНОВАНИИ ДАННЫХ ДЕНСИТОМЕТРИИ, ВИСКОЗИМЕТРИИ И ФАЗОВЫХ РАВНОВЕСИЙ
Казоян Е.А., Григорян З.Л., Маркарян Ш.А.

2021 98

http://cluster.isc-ras.ru

Article

Study of thermodynamic properties of binary mixtures of propionitrile with dimethylsulfoxide (or diethylsulfoxide) at temperatures from (298.15 to 323.15)K
H.H. Ghazoyan, Z.L. Grigoryan, L.S. Gabrielyan, S.A. Markarian

Journal of Molecular Liquids 2019 147-156

Article

Volumetric properties of binary mixtures of acrylonitrile with dimethylsulfoxide (or diethylsulfoxide) at temperatures from 298.15 to 323.15 K
H.H. Ghazoyan, Z.L. Grigoryan, Sh.A. Markarian

Chemical Journal of Armenia 2017 462-476

http://chemjournal.sci.am

Article

VOLUMETRIC PROPERTIES AND VISCOSITY OF DIETHYL SULFOXIDE IN ACETONITRILE AT DIFFERENT TEMPERATURES
Z.L. Grigoryan, H.H. Ghazoyan, S.A. Markarian

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2017 147-155

Conference

Viscosity and volumetric properties of acrylonitrile+ dimethylsulfoxide binary mixtures at T= (298.15-318.15)K
Ghazoyan H.H., Grigoryan Z.L., Markarian S.A.

2017 270 - 270

http://www.rcct2017.ru

Article

LIQUID–VAPOR EQUILIBRIUM OF DIMETYL SULFOXIDE–ACETONITRILE SYSTEM AT THE TEMPERATURE RANGE 293.15–323.15 K
Z. L. Grigoryan

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2016 14-18

Article

ИССЛЕДОВАНИЕ РАВНОВЕСИЯ ЖИДКОСТЬ-ПАР В БИНАРНОЙ СИСТЕМЕ ДИМЕТИЛСУЛЬФОКСИД–ЭТАНОЛ
Е. А. КАЗОЯН, З. Л. ГРИГОРЯН, Ш. А. МАРКАРЯН

Chemical Journal of Armenia 2014 36-42
