

Zara Lernik Grigoryan

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Faculty of Chemistry

Chair of Physical and Colloid Chemistry

Senior laboratory assistant



Education

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



Scientific Rank/degree

Institution	A.B. Nalbandyan Institute of Chemical Physics NAS RA
Date	2020
Degree name	Candidate
Specialty	Chemical sciences
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



Scientific interests

- Thermodynamic studies of solutions



Publications

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

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

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

Article

LIQUID-VAPOR EQUILIBRIUM OF DIMETHYL 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

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.

Conference

ИССЛЕДОВАНИЕ СМЕСЕЙ АЛИФАТИЧЕСКИХ НИТРИЛОВ С СУЛЬФОКСИДАМИ НА ОСНОВАНИИ ДАННЫХ ДЕНСИТОМЕТРИИ, ВИСКОЗИМЕТРИИ И ФАЗОВЫХ РАВНОВЕСИЙ

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

Conference

Thermodynamic study of binary mixtures of aliphatic nitriles (acetonitrile, propionitrile, butyronitrile and acrylonitrile) with dimethylsulfoxide (or diethylsulfoxide)

Shiraz Markarian, Zara Grigoryan, Heghine Ghazoyan
