

Zara Lernik Grigoryan

✉ zara.grigoryan@ysu.am

Faculty of Chemistry

Chair of Physical and Colloid Chemistry

Senior laboratory assistant

Education

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

Scientific Rank/degree

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|------------------------------|---|
| 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

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- Thermodynamic studies of solutions
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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

Ե. Ա. ԿԱԶՕՅԱՆ, Յ. Լ. ԳՐԻԳՕՐՅԱՆ, Շ. Ա. ՄԱՐԿԱՐՅԱՆ

Chemical Journal of Armenia 2014 36-42

Conference

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

Կազոյան Ե.Ա., Գրիգորյան Յ.Լ., Մարկարյան Շ.Ա.

Conference

FLUORESCENCE PROPERTIES OF 2-METHYLQUINOLIN-4-OL AND ITS MERCAPTO-OXADIAZOLYL DERIVATIVE IN DIMETHYLSULFOXIDE AQUEOUS SOLUTIONS

Conference

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

Shiraz Markarian, Zara Grigoryan, Heghine Ghazoyan
