

- Исследования межмолекулярных взаимодействий в химических и биохимических системах
- Исследование поведения наночастиц методами светорассеяния

Участие в международных конференциях и семинарах

09/07/2023 - 14/07/2023	38 Международная конференция по Химии растворов Нови Садский университет Сербия
19/06/2019 - 23/06/2019	XXII Международная конференция по Химической термодинамике в России (RCCT-2019) Санкт-Петербургский государственный университет Российская Федерация
16/09/2019 - 21/09/2019	XVI МЕЖДУНАРОДНАЯ КОНФЕРЕНЦИЯ «СПЕКТРОСКОПИЯ КООРДИНАЦИОННЫХ СОЕДИНЕНИЙ» Кубанский государственный университет Российская Федерация
24/09/2017 - 30/09/2017	XIV МЕЖДУНАРОДНАЯ КОНФЕРЕНЦИЯ «СПЕКТРОСКОПИЯ КООРДИНАЦИОННЫХ СОЕДИНЕНИЙ» Кубанский государственный университет Российская Федерация
24/06/2013 - 28/06/2013	XIX Международная конференция по Химической термодинамике в России (RCCT-2013) Московский государственный университет тонких химических технологий имени М.В. Ломоносова Российская Федерация

Публикации

Статья

Diphenyl selenoxide: Unraveled peculiarities in methanol and acetonitrile solutions

Vitaly V. Chaban, Shiraz A. Markarian, Haghine H. Ghazoyan, Hasmik R. Sargsyan, Gevorg S. Grigoryan, Adrine D. Sahakyan, Levon A. Tavadyan

Journal of Molecular Liquids 2024 125331

Статья

Dimethyl sulfoxide fosters larger micelles of docusate sodium in the mixed solutions with water

S.A. Markarian, H.R. Sargsyan, G.S. Grigoryan, H.H. Ghazoyan, V.V. Chaban

Journal of Molecular Liquids 2023 120960

Статья

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

Статья

The Effect of Dimethylsulfoxide (or Diethylsulfoxide) on Methylene Blue-Calf Thymus DNA Binding in Aqueous Solutions by Fluorescence Polarization and Steady-State Fluorescence Quenching

Gohar A. Shahinyan, Heghine H. Ghazoyan, Shiraz A. Markarian

Journal of Solution Chemistry 2023 708-719

Статья

Diphenylsulfoxide exhibits an outstanding solubility in Methanol: Physicochemical and quantum chemical evidences. Comparison to acetonitrile

Shiraz A. Markarian, Heghine H. Ghazoyan, Hasmik R. Sargsyan, Gevorg S. Grigoryan, Vitaly V. Chaban, Adrine D. Sahakyan, Levon A. Tavadyan

Journal of Molecular Liquids 2023 122924

Статья

Volumetric Properties of Butyronitrile-Dimethyl Sulfoxide and Butyronitrile-Diethyl Sulfoxide Binary Mixtures

H.H. Ghazoyan, Sh.A. Markaryan

Журнал физической химии (Russian Journal of Physical Chemistry A) 2021 1811-1820

Статья

VOLUMETRIC PROPERTIES OF ACRYLONITRILE+ETHANOL MIXTURE OVER TEMPERATURE RANGE FROM (293.15 TO 323.15) K AT AMBIENT PRESSURE

H.H. Ghazoyan

Известия высших учебных заведений. Серия: химия и химическая технология (ChemChemTech) 2020 32-37

Статья

Fluorescence anisotropy studies on the Hoechst 33258-DNA interaction: the solvent effect

Karen Yu. Amirbekyan, Gohar A. Shahinyan, Heghine H. Ghazoyan, Hasmik R. Sargsyan,

Shiraz A. Markarian

Journal of Biomolecular Structure and Dynamics 2020 1-5

Статья

Study of thermodynamic properties of binary mixtures of propionitrile with dimethylsulfoxide (or diethylsulfoxide) at temperatures from (298.15 to 323.15)K

Heghine H. Ghazoyan, Zara L. Grigoryan, Liana S. Gabrielyan, Shiraz A. Markarian

Journal of Molecular Liquids 2019 147-156

Статья

DENSITIES AND ELECTRICAL CONDUCTIVITIES OF COPPER(II) CHLORIDE SOLUTIONS IN DIMETHYL SULFOXIDE AND WATER-DIMETHYL SULFOXIDE EQUIMOLAR MIXTURE AT THE TEMPERATURES 298.15, 308.15 AND 318.15 K

H. H. GHAZOYAN, Sh. A. MARKARIAN

Proceedings of the YSU B: Chemical and Biological Sciences 2019 3-9

Статья

Synthesis, Structure, and Properties of Novel Enamine Containing Coumarin and Phosphonium Fragments

L. D. Popov, I. N. Scherbakov, S. A. Borodkin, Yu. V. Revinskii, E. A. Kazoyan, G. A. Shaginyan, A. R. Sarkisyan, Sh. A. Markaryan

Russian Journal of General Chemistry (Журнал общей химии) 2019 906-912

Статья

Reply to “Comments on study of thermodynamic properties of binary mixtures of propionitrile with dimethylsulfoxide (or diethylsulfoxide) at temperatures from (298.15 to 323.15)K”

Heghine H. Ghazoyan

Journal of Molecular Liquids 2019 111104-111105

Статья

Synthesis of Phosphonium Enamines: Physicochemical Properties of Dimethyl Sulfoxide Solutions

S. A. Borodkin, E. A. Kazoyan, L. D. Popov, G. A. Shaginyan, A. R. Sarkisyan, I. N. Shcherbakov,

Sh. A. Markaryan

Russian Journal of Physical Chemistry A 2019 2187-2191

Статья

Thermodynamic and Spectroscopic (UV-Vis, FT IR) Studies of Solutions of CoCl₂ (or NiCl₂) in Diethylsulfoxide

Shiraz A. Markarian, Heghine H. Ghazoyan, Hasmik R. Sargsyan, Gohar A. Shahinyan

Journal of Solution Chemistry 2019 1378-1392

Статья

Corrigendum to “Volumetric properties of binary mixtures of acrylonitrile with dimethylsulfoxide (or diethylsulfoxide) at temperatures from 298.15 to 323.15K” [Chemical Journal of Armenia 70 (2017) 462-476]

H.H. Ghazoyan

Հայաստանի քիմիական հանդես 2019 534-537

Статья

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

Статья

Densities and volumetric properties of L-ascorbic acid solutions in water-ethanol mixtures at temperatures from 298.15 to 318.15 K

H.H. Ghazoyan, Sh.A. Markarian

Proceedings of the YSU B: Chemical and Biological Sciences 2018 3-9

<http://www.ysu.am/science/hy/1520431333>

Статья

ОБЪЕМНЫЕ СВОЙСТВА РАСТВОРОВ ДИМЕТИЛСУЛЬФОНА В СМЕШАННОМ РАСТВОРИТЕЛЕ (ЭТАНОЛ-ВОДА) В ИНТЕРВАЛЕ ТЕМПЕРАТУР 298,15-323,15 К

Е.А. Казоян, Ш.А. Маркарян

Статья

Volumetric Properties and Viscosity of Diethylsulfoxide in Acetonitrile at Different Temperatures

Z.L. Grigoryan, H.H. Ghazoyan, Sh.A. Markarian

Proceedings of the YSU B: Chemical and Biological Sciences 2017 147-155

<http://www.ysu.am/science/hy/1511853083>

Статья

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>

Статья

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

Статья

Thermodynamics of Liquid-Vapor Phase Equilibrium in Dimethyl Sulfoxide-Alkanol Systems in the Range of 293.15-323.15 K

Grigoryan Z.L., Ghazoyan H.H., Markarian S.A.

Russian Journal of Physical Chemistry A 2015 1790-1794

<http://link.springer.com/journal/11504>

Статья

Thermodynamics of Liquid-Vapor Phase Equilibrium in Dimethyl Sulfoxide-Alkanol Systems in the Range of 293.15-323.15 K

Z. L. Grigoryan, E. A. Kazoyan, Sh. A. Markaryan

Russian Journal of Physical Chemistry A 2015 1588-1592

<http://link.springer.com/journal/11504>

Статья

Volumetric properties of dimethylsulfone in ethanol-aqueous solutions

H.H. Ghazoyan

Proceedings of the YSU B: Chemical and Biological Sciences 2015 3-8

<http://www.ysu.am/science/hy/journals>

Статья

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

Статья

DENSITIES, EXCESS MOLAR AND PARTIAL MOLAR VOLUMES FOR DIETHYLSULFOXIDE WITH METHANOL OR ETHANOL BINARY SYSTEMS AT TEMPERATURE RANGE 298.15-323.15 K

H. H. GHAZOYAN, Sh. A. MARKARIAN

Proceedings of the YSU B: Chemical and Biological Sciences 2014 17-25

Статья

Densities and thermochemical properties of dimethylsulfone in dimethylsulfoxide and dimethylsulfoxide/water equimolar mixture

Heghine H. Ghazoyan, Shiraz A. Markarian

Journal of Molecular Liquids 2013 85-88

Конференция

Calorimetric study of interactions of amino acids with surfactants in aqueous solutions at 298.15 K

Harutyunyan N.G., Harutyunyan L.R., Ghazoyan H.H., Harutyunyan R.S.

Конференция

Molecular interaction between nitrile group containing compounds (acetonitrile, acrylonitrile, polyacrylonitrile) and dimethylsulfoxide

Grigoryan Z.L., Ghazoyan H.H., Markarian S.A.

Конференция

Volumetric properties of diethylsulfoxide-alkanol binary mixtures

H.H. Ghazoyan, S.A. Markarian

Конференция

Liquid-vapor equilibrium, volumetric and transport properties of dimethylsulfoxide-acetonitrile system

H.H. Ghazoyan, Z.L. Grigoryan, S.A. Markarian

Конференция

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.

Конференция

ИЗУЧЕНИЕ КОМПЛЕКСООБРАЗОВАНИЯ ХЛОРИДА И НИТРАТА МЕДИ (II) С ДИЭТИЛСУЛЬФОКСИДОМ МЕТОДОМ УФ СПЕКТРОСКОПИИ

А.Р. Саркисян, Г.А. Щагинян, Е.А. Казоян, И.Н. Щербаков, Ш.А. Маркарян

Конференция

The study of thermodynamic properties of binary mixtures diethylsulfoxide-acetonitrile (or propionitrile)

Ghazoyan H.H., Grigoryan Z.L., Sargsyan H.R., Markarian S.A.

Конференция

Thermodynamic Properties of Dimethylsulfone- Dimethylsulfoxide-Water Ternary System

Ghazoyan H.H., Markarian S.A.

Конференция

UV-VIS AND THERMODYNAMIC STUDIES OF COMPLEX FORMATION OF DIETHYLSULFOXIDE WITH CoCl₂ AND NiCl₂

H.H. Ghazoyan, H.R. Sargsyan, Z.K. Papanyan, S.A. Markarian

Конференция

Thermogravimetric and FT IR study of interaction of polyacrylonitrile with dimethylsulfoxide

H.H. Ghazoyan, Z.L. Grigoryan, S.A. Markarian

Конференция

УФ-ИССЛЕДОВАНИЕ КОМПЛЕКСООБРАЗОВАНИЯ п-НИТРОАНИЛИНА С МОЛЕКУЛАМИ АЭРОЗОЛЯ ОТ В МИЦЕЛЛЯРНЫХ СИСТЕМАХ

A.P. Саркисян, Е.А. Казоян, Ш.А. Маркарян

Конференция

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

Казоян Е.А., Григорян З.Л., Маркарян Ш.А.

Конференция

THE DYNAMIC LIGHT SCATTERING OF B1 AND B6 VITAMINES IN DMSO-WATER MIXTURES

H.H. Ghazoyan, L. Baghdasaryan, S.A. Markarian

Конференция

THE MICELIZATION OF AOT IN AQUEOUS SOLUTION OF DMSO

H. Sargsyan, G. Grigoryan, H. Ghazoyan, Sh. Markarian

Конференция

Excess Molar Volumes in Homogeneous Region of Propionitrile+DMSO+Water Ternary Liquid Mixtures at Temperatures From (298.15 to 323.15)K

Ghazoyan H.H., Markarian Sh.A.

Конференция

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

Shiraz Markarian, Zara Grigoryan, Heghine Ghazoyan

Конференция

Size determination of nanoparticles of vitamins B1 and B6 in DMSO-water mixtures by dynamic light scattering

Heghine Ghazoyan, Shiraz Markarian

Конференция

THE THERMODYNAMIC STUDY OF SOLUTIONS OF DIALKYL SULFOXIDES WITH ALCOHOLS

Ghazoyan H.H., Markarian S.A.

Конференция

Dynamic Light Scattering and Volumetric Study of Vitamins (B1 and B6) in Aqueous Solutions of DMSO

Heghine H. Ghazoyan, Shiraz A. Markarian

Конференция

The effect of dimethylsulfoxide (or diethylsulfoxide) on the properties of DNA solutions

Shiraz A. Markarian, Gohar A. Shahinyan, Heghine H. Ghazoyan
