

Publications

Article

Interaction of MnTOEtPyP4 porphyrin with DNA

Gayane V. Ananyan, Yeva B. Dalyan, Nelli H. Karapetyan, Vigen G. Barkhudaryan, Ani A. Avetisyan

Journal of Biomolecular Structure and Dynamics 2023 7290-7296

Article

Effect of Oligomers and Polymers of Ethylene Glycols on Micellar Characteristics of Aqueous Solutions of Sodium Pentadecyl Sulfonate

VIGEN BARKHUDARYAN

International Journal of Chemical Engineering and Materials 2023 55-61

Article

Molecular Transformations in DNA under the Influence of UV-radiation

Vigen G. Barkhudaryan, Gayane V. Ananyan, Nelli H. Karapetyan

Current Applied Polymer Science 2020 1-7

Book

ԲԱՐՁՐԱՍՈՆԵԿՈՒԼԱՅԻՆ ՄԻԱՑՈՒԹՅՈՒՆՆԵՐԻ ՖԻԶԻԿԱ

Վ. ԲԱՐԽՈՒՂԱՐՅԱՆ

2020 287

Article

Development of viscometric methods for studying the interaction of porphyrins with DNA

Vigen G. Barkhudaryan, Gayane V. Ananyan

Journal of Biomolecular Structure and Dynamics 2019 1-6

Book

Մոլեկուլների կառուցվածքը և հատկությունները

Վ. Բարխուդարյան

2019 222

Article

Development of viscometric methods for studying the interaction of various porphyrins with DNA. Part IV: Meso-tetra-(4N-allylpyridyl) porphyrin and its Cu-, Coand Zn-containing derivatives

Vigen G. Barkhudaryan, Gayane V. Ananyan

Journal of Porphyrins and Phthalocyanines 2018 1-8

Article

Development of viscometric methods for studying the interaction of various porphyrins with DNA. Part III: Meso-tetra-(3N-allylpyridyl) porphyrin and its Cu-, Co- and Zn- containing derivatives

Vigen G. Barkhudaryan, Gayane V. Ananyan
Journal of Porphyrins and Phthalocyanines 2017 110-115
<http://www.worldscientific.com/worldscinet/jpp>

Article

Interaction of Meso-tetra-(4N-allylpyridyl) porphyrin and its Cu-, Co- and Zn- containing derivatives with DNA

Barkhudaryan V. G., Ananyan G. V.

Biological Journal of Armenia 2017 84-93

Article

Alterations of molecular characteristics of polyethylene under the influence of heat treatment

Vigen G. Barkhudaryan

International Journal of Plastics Technology 2016 231-240

<http://www.springer.com/chemistry/polymer+science/journal/12588>

Article

Application of viscometric methods for studying the interaction of various porphyrins with DNA

Vigen G. Barkhudaryan, Gayane V. Ananyan

Journal of Biomolecular Structure and Dynamics 2016 136

<http://www.tandfonline.com/action/journalInformation?journalCode=tbsd20#.V25anP...>

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Development of viscometric methods for studying the interaction of various porphyrins with DNA. Part II: Meso-tetra-(3N-hydroxyethylpyridyl) porphyrin and its Ni-, Cu-, Co- and Zn-containing derivatives

Vigen G. Barkhudaryan, Gayane V. Ananyan

Journal of Porphyrins and Phthalocyanines 2016 766-772

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Development of viscometric methods for studying the interaction of various porphyrins with DNA. Part I: meso-tetra-(4N-hydroxyethylpyridyl) orphyrin and its Ni-, Cu-, Co- and Zn-containing derivatives

V.G. Barkhudaryan, G.V. Ananyan, Y.B. Dalyan, S.G. Harutunyan

Journal of Porphyrins and Phthalocyanines 2014 594-599

<http://www.worldscientific.com/worldscinet/jpp>

Monograph

Молекулярный ансамбль и пространственная организация макромолекул

Виген Бархударян

2014 201

Manual

Մոլեկուլային ֆիզիկա

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Article

Viscometric and Light scattering investigation of the hydrogen bonds in the solutions of Policarbinol

V.G. Barkhudaryan.

International Journal of Plastics Technology 2012 17-23

<http://www.springer.com/chemistry/polymer+science/journal/12588>

Conference

Application of viscometric methods for studying the interaction of various porphyrins with DNA

Vigen G. Barkhudaryan, Gayane V. Ananyan

Conference

Application of viscometric methods for studying the interaction of various porphyrins with DNA

Vigen G. Barkhudaryan, Gayane V. Ananyan

Conference

Effect of configuration of porphyrin molecule on the complexation with DNA

G.V. Ananyan, V.G. Barkhudaryan

Conference

Alterations of Molecular Characteristics of Polyethylene Under the Influence of External Effects

Vigen Barkhudaryan

Conference

Influence of structural features of porphyrins on their ability to effect on DNA

V. G. Barkhudaryan, G. V. Ananyan

Conference

The effect of porphyrins configuration on the hydrodynamic behavior of DNA solutions

Vigen G. Barkhudaryan, Gayane V. Ananyan

Conference

Molecular alterations in DNA under UV-irradiation

Gayane V. Ananyan, Nelli H. Karapetyan, Vigen G. Barkhudaryan

Conference

Effect of Nanoparticles on Erythrocyte Membranes at Irradiation

N.H. Karapetyan, G.V. Ananyan, R.S. Ghazaryan, T.M. Jomardyan, V.G. Barkhudaryan, V. Kalantaryan

Conference

The effect of the molecular mass of PEG on the nature of its interaction with DNA

Ani A. Avetisyan, Gayane V. Ananyan, Vigen G. Barkhudaryan

Conference

The futures of complex formation of poly[d(A-C)]. poly[d(G-T)] with porphyrins

Gayane V. Ananyan, Nelli H. Karapetyan, Yeva B. Dalyan

Conference

Characterization and differentiation of binding modes of water-soluble porphyrins at complexation with DNA

Vigen G. Barkhudaryan, Gayane V. Ananyan, Yeva B. Dalyan
