

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

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

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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

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Մոլեկուլների կառուցվածքը և հատկությունները

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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

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Development of viscometric methods for studying the interaction of various porphyrins with DNA. Part III: Meso-tetra-(3N-alylpyridyl) 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>

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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>

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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

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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

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Journal of Porphyrins and Phthalocyanines 2016 766-772

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

Journal of Porphyrins and Phthalocyanines 2014 594-599

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Молекулярный ансамбль и пространственная организация макромолекул

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

V.G. Barkhudaryan.

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

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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
