

Publications

Статья

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

Статья

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

Книга

ԲԱՐՁՐԱՍՈՆԵԿՈՒԼԱՅԻՆ ՄԻԱՅՈՒԹՅՈՒՆՆԵՐԻ ՖԻԶԻԿԱ

Վ. ԲԱՐԽՈՒԴԱՐՅԱՆ

2020 287

Статья

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

Книга

Մոլեկուլների կառուցվածքը և հատկությունները

Վ. Բարխուդարյան

2019 222

Статья

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

Статья

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>

Статья

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

Статья

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>

Статья

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...>

Статья

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

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

Статья

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>

Монография

Молекулярный ансамбль и пространственная организация макромолекул

Виген Бархударян

2014 201

Образовательный Руководство

Մոլեկուլային ֆիզիկա

Վ. Բարխուդարյան

2014 332

Статья

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>

Конференция

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

Vigen G. Barkhudaryan, Gayane V. Ananyan

Конференция

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

Vigen G. Barkhudaryan, Gayane V. Ananyan

Конференция

Effect of configuration of porphyrin molecule on the complexation with DNA

G.V. Ananyan, V.G. Barkhudaryan

Конференция

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

Vigen Barkhudaryan

Конференция

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

V. G. Barkhudaryan, G. V. Ananyan

Конференция

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

Vigen G. Barkhudaryan, Gayane V. Ananyan

Конференция

Molecular alterations in DNA under UV-irradiation

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

Конференция

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

Конференция

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

Конференция

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

Конференция

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

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