

Ֆիզիկայի գիտահետազոտական ինստիտուտ
Մակրոմոլեկուլների ֆիզիկայի լաբորատորիա
Լաբորատորիայի վարիչ

🌐 Լեզուների իմացություն

Հայերեն Русский English

📖 Հրատարակումներ

Հոդված

Binding Parameters of CuTAlPyP4 and CoTAlPyP4 Porphyrins to DNA Using Adsorption Isotherms [Параметры связывания CuTAlPyP4 и CoTAlPyP4 порфиринов с ДНК по изотермам адсорбции]

G. V. Ananyan, N. H. Karapetyan, Y. B. Dalyan, R. S. Ghazaryan, S. G. Haroutiunian

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2024
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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

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Bleomycin and Olaparib Induced Modulation of Poly (ADP-Ribose) Polymerase 1 Activity and Chromatin Structure in Thymocyte Nuclei

Anush L. Asatryan, Karine S. Matinyan, Lusine G. Aslanyan, Yeva B. Dalyan, Irina G. Artsruni

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Structural Transitions in Complementary G-Rich and C-Rich Strands and Their Mixture at Various pH Conditions

Yeva B. Dalyan, Ishkhan V. Vardanyan, Samvel G. Haroutiunian, Milena Kh. Badalyan

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Photovoltaic Tweezers Based on Optical Holography: Application to 2D Trapping of DNA Molecules on a Lithium Niobate Crystal

Lusine Aloyan, Yeva Dalyan, Lusine Tsarukyan, Anahit Badalyan, Rafael Drampyan

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FLAP Collaboration: Tasks and Perspectives. Study of Fundamentals and New Applications of Controllable Generation of Electromagnetic Radiation by Relativistic Electrons Using Functional Materials

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The structural features of poly(dG-dC).poly(dG-dC) at complexation with some porphyrins

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

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THE INFLUENCE OF UREA ON G-QUADRUPLEX AND i-MOTIF STRUCTURES IN COMPLEMENTARY DNA SEQUENCES

Ye. B. Dalyan, L. G. Aslanyan, I. V. Vardanyan

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pH-dependent complex formation of Zn-mesotetra(4-N-hydroxyethylpyridyl) porphyrin with cancer DNA

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

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ПЛАВЛЕНИЕ ДНК ОПУХОЛЕНОСЯЩИХ КРЫС, ЛЕЧЕНЫХ мезо-ТЕТРА(4-N-ГИДРОКСИЭТИЛПИРИДИЛ)ПОРФИРИНОМ И ЕГО Ag-, Zn-, Co-ПРОИЗВОДНЫМИ

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Effect of urea on G-quadruplex stability

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Thermodynamics of interaction of meso-tetra-(4-Noxyethylpyridyl) porphyrin and its Cu(II)- and Co(II)- containing derivatives with A and B forms of DNA

Ani A. Avetisyan, Ishkhan V. Vardanyan, Yeva B. Dalyan

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Two-photon microscopy imaging of oxidative stress in human living erythrocytes.

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THERMODYNAMICS OF INTERACTIONS OF CoTOEPyP4 PORPHYRIN WITH A-DNA.

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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

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EVALUATION OF ERRORS IN DETERMINATION OF DNA MELTING CURVE REGISTERED WITH DIFFERENTIAL SCANNING CALORIMETRY

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COMPARATIVE ANALYSIS OF THE EFFECTS OF PLATINUM COMPOUNDS ON THERMOSTABILITY OF DNA

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The features of complexformation of poly(dI-dC) 2 with porphyrins

Gayane V. Ananyan, Nelli H. Karapetyan, Samvel G. Haroutiunian, Yeva B. Dalyan

Գիտաժողովի նյութ

The comparative study of H₂TOEPyP₄ and CoTOEPyP₄ porphyrins with A-DNA

A. Avetisyan, Y. Dalyan

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The comparative study of CuTOEPyp₄-porphyrin with A- and B-forms of DNA

A.A.Avetisyan, Y.B.Dalyan

Գիտաժողովի նյութ

Development of anticancer drug transporter on base of gold nanoparticles

L.R.Aloyan, Y.B.Dalyan

Գիտաժողովի նյութ

The investigation of sodium-induced G-quadruplex stability and thermodynamics in urea solution

L.G.Aslyan, I.V.Vardanyan, Y.B.Dalyan

Գիտաժողովի նյութ

Лечение опухоленосщих крыс мезо-тетра(4N-гидроксиэтилпиридил) порфиринами H₂TOEtPyP₄ и AgTOEtPyP₄

Карапетян Н.Г., Ананян Г.В, Далян Е.Б, Арутюнян С. Г.

Գիտաժողովի նյութ

The DNA Damage Induced by Higher Energy Electrons in Presence of Porphyrins

L. R. Aloyan, L.G. Aslyan, Y. B. Dalyan

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High energy electron beam radiation influence on DNA in the presence of porphyrins

L.R. Aloyan, L.G. Aslyan, Y.B. Dalyan

Գիտաժողովի նյութ

The influence of CuTOEPyP₄ porphyrin on DNA damage induced by high energy electron beam radiation.

L. R. Aloyan, Y. B. Dalyan, S.G Haroutiunian

Գիտաժողովի նյութ

The influence of FeTOEPyP₄ porphyrins on DNA damage induced by high energy electron beam radiation.

L.R. Aloyan, Y.B. Dalyan, S.G. Haroutiunian

Գիտաժողովի նյութ

INFLUENCE OF CATION PORPHYRINES ON DNA DAMAGE DURING ELECTRON BEAM IRRADIATION

L.R. Aloyan, Y.B. Dalyan, S.G Haroutiunian

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Bessel Beam Assisted Photovoltaic Trapping of Micro/nanoobjects on a Lithium Niobate Crystal

L. Aloyan, Y. Dalyan, L. Tsarukyan, A. Badalyan, R. Drampyan

Գիտաժողովի նյութ

Optical Techniques for the Study of DNA-porphyrin Interactions

L. Aloyan, Y. Dalyan

Գիտաժողովի նյութ

Peculiarities of melting DNA from Crocker's sarcoma of a mouse treated with Ag-meso-tetra(4-N-hydroxyethylpyridyl) porphyrin in the presence of Mn²⁺ ions

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

Գիտաժողովի նյութ

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

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