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**Thermodynamic Parameters of Binding of Small Molecules to DNA Irradiated by Low-Intensity Millimeter Electromagnetic Waves [Термодинамические параметры связывания малых молекул с ДНК, облученной низкоинтенсивными миллиметровыми электромагнитными волнами]**

V. P. Kalantaryan, R. S. Ghazaryan, Yu. S. Babayan

Journal of Contemporary Physics (Armenian Academy of Sciences) 2024 228–232

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**Binding Parameters of Mitoxantrone and Ethidium Bromide with A-Form Nucleic Acids Based on Adsorption Isotherms [Параметры связывания митоксантрона и бромистого этидия с А-формой нуклеиновых кислот по изотермам адсорбции]**

V. P. Kalantaryan, R. S. Ghazaryan, Y. S. Babayan, M. A. Parsadanyan

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2024 404–407

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**ВЗАИМОДЕЙСТВИЕ СЫВОРОТОЧНОГО АЛЬБУМИНА ЧЕЛОВЕКА С МЕТИЛОВЫМ ФИОЛЕТОВЫМ ПОД ВОЗДЕЙСТВИЕМ ЭЛЕКТРОМАГНИТНЫХ ВОЛН МИЛЛИМЕТРОВОГО ДИАПАЗОНА**

Ս.Օ. ՎԱՐԴԵՎԱՆՅԱՆ, Մ.Ա. ՇԱԳԻՆՅԱՆ, Մ.Ա. ՓԱՐՏԱԴԱՆՅԱՆ, Շ.Վ. ԳՐԻԳՐՅԱՆ, Վ.Փ. ԿԱԼԱՆՏԱՐՅԱՆ

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Armenian Journal of Physics 2023 62-65

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**Violation of molecular structure of intracellular water as a possible cause of carcinogenesis and its suppression by microwave radiation(hypothesis)**

Vitali Kalantaryan, Radik Martirosyan, Yuri Babayan, Voldemar Petrosyan

Computational and Structural Biotechnology Journal 2023 3437-3442

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**ВЗАИМОДЕЙСТВИЕ СЫВОРОТОЧНОГО АЛЬБУМИНА С ЭРИТРОЗИНОМ В ПОД  
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Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2023

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M.A. Parsadanyan, M.A. Shahinyan, S.V. Grigoryan, M.S. Mikaelyan, G.H. Poghosyan, V.P. Kalantaryan,

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**Influence of Low-Intensity Millimeter Electromagnetic Waves on the Viscosity and Density of  
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R. S. Ghazaryan, V. P. Kalantaryan, Yu. S. Babayan, A. A. Tadevosyan

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**On the Possibility of Using Non-Ionizing Electromagnetic Radiation (Millimeter Waves) in  
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Ruzanna Khazaryan, Vitali P. Kalantaryan, Radik Martirosyan, Yura Babayan

Progress in Electromagnetics Research Letters 2020 49-57

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**Growth properties and hydrogen yield in green microalga Parachlorella kessleri: Effects of  
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Jemma Manoyan, Lilit Gabrielyan, Vitaly Kalantaryan, Armen Trchounian

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Mariam A. Shahinyan, Ara P. Antonyan, Vitali P. Kalantaryan, Marieta S. Mikaelyan,

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**ТЕРМОСТАБИЛЬНОСТЬ КОМПЛЕКСОВ ОБЛУЧЕННЫХ ДНК С МИТОКСАНТРОНОМ ПРИ  
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В.П. КАЛАНТАРЯН, Р.С.КАЗАРЯН, Г.Л. КАНАРЯН, Л.Р. СОГОМОНЯН

Հայաստանի կենսաբանական հանդես 2019 74-78

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**ДЕЙСТВИЕ ЭЛЕКТРОМАГНИТНОГО ИЗЛУЧЕНИЯ С ЧАСТОТОЙ 51,8 И 53,0 ГГц НА РОСТ,  
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ПУРПУРНОЙ БАКТЕРИИ Rhodobacter sphaeroides**

Л. Габриелян, В. Калантарян, А. Трчунян

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**Effect of weak electromagnetic waves on thermal properties of biomacromolecule water solutions**

V.P. Kalantaryan, S.N. Hakobyan, P.O. Vardevanyan

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**Effect of Non-Thermal Millimeter Electromagnetic Radiation on Thermodynamic Parameters of the Binding of Ligands with Nucleic Acids**

V.P.Kalantaryan, Y.S.Babayan, S.N.Hakobyan

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**The distinguishing effects of low-intensity electromagnetic radiation of different extremely high frequencies on *Enterococcus hirae*: growth rate inhibition and scanning electron microscopy analysis**

K. Hovnanyan, V. Kalantaryan, A. Trchounian

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**Interaction of netropsin with double-stranded nucleic acids irradiated with nonionizing athermal millimeter electromagnetic waves.**

Yu,S. Babayan, V.P. Kalantaryan, S.H. Hakobyan, R.S. Ghazaryan

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**Action of Non-ionizing Radiation on Tumor and Healthy DNA**

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**Interaction of Anticancer drug Doxorubicin with Tumor DNA Irradiated by Nonionizing Millimeter Electromagnetic Waves**

V. Kalamtaryan, S. Hakobyan, R. Ghazaryan, R. Martirosyan

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**The Changes of the Cellular Indicators of Leucopoiesis in Irradiated Animals under Hypomotile Conditions**

Vitali Kalantaryan, Tsovinar Adamyan, Emma Gevorkyan, Nona Adamyan, Tigran Hayrapetyan

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**CHANGES IN THE F0F1-ATPASE ACTIVITY OF IRRADIATED LACTOBACILLUS ACIDOPHILUS IN THE PRESENCE OF CEFTAZIDIME AT LOW pH**

D.R.Soghomonyan, V.P. Kalantaryan, A.H. Trchounian

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**Воздействие низкоэнергетического миллиметрового электромагнитного излучения на стабильность молекул ДНК в растворе**

Ю.С. Бабаян, А.Ш. Маргарян, В.П. Калантарян, Р.С. Казарян, М.А. Парсаданян, П.О. Вардеванян

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**Некоторые физико-химические свойства ДНК, облученной низкоэнергетическими миллиметровыми когерентными электромагнитными волнами**

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Muradyan A.

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

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