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Статья

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

Статья

On the Possibility of Using Non-Ionizing Electromagnetic Radiation (Millimeter Waves) in Oncology

Ruzanna Khazaryan, Vitali P. Kalantaryan, Radik Martirosyan, Yura Babayan

Progress in Electromagnetics Research Letters 2020 49-57

Статья

ВЛИЯНИЕ ПОГЛОЩЕНИЯ НА ЭФФЕКТИВНОСТЬ ГЕНЕРАЦИИ ТЕРАГЕРЦОВОГО ИЗЛУЧЕНИЯ В МЕТАЛЛИЧЕСКОМ ВОЛНОВОДЕ, ЧАСТИЧНО ЗАПОЛНЕННОМ НЕЛИНЕЙНЫМ КРИСТАЛЛОМ

LiNbO₃, DAST ИЛИ ZnTe

А.С. НИКОГОСЯН, Р.М. МАРТИРОСЯН, А.А. АХУМЯН, А.О. МАКАРЯН, В.Р. ТАТЕВОСЯН, Г.Н. ГОЛЬЦМАН,

С.В. АНТИПОВ

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2019

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Статья

Effect of Absorption on The Efficiency of THz Radiation Generation in a Nonlinear Crystal Placed Into a Waveguide

A.S. Nikoghosyan, R.M. Martirosyan, A.A. Hakhoumian, A.H. Makaryan, V.R.Tadevosyan, G.N. Goltsman,

S.V. Antipov

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Efficient Ultrashort THz Pulse Generation in LiNbO₃, ZnTe, GaSe and DAST Crystals

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Статья

Dielectric Anisotropy of Human Bone and CERABONE® in the Terahertz Spectral Range 0.2 to

2.5 THz

A.S. Nikoghosyan, H. Ting, J. Shen, R.M.Martirosyan, M.A. Kazaryan, M.Yu.Tunyan, A.V. Papikyan,

A.A. Papikyan

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Магнитно-нелинейные материалы для детектирования электромагнитного излучения

Джулфаян А., Мартиросян Р. М., Макарян А. О., Мыхитарян В. М., Назари Ф., Татевосян В. Р.

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Action of Non-Ionizing Radiation on Tumor and Healthy DNA

V. Kalantaryan, R. Martirosyan, Y. Babayan, L. Nersesyan, H. Stepanyan, R. Vardapetyan

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Optical Properties of Human Jawbone and Human Bone Substitute Cerabone® in the Terahertz Range

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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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Dielectric anisotropy of human bone in spectral range 0.2 to 2.5 THz

A.S. Nikoghosyan, T. He, J. Shen, R.M. Martirosyan

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ОПТИЧЕСКИЕ СВОЙСТВА КОСТНОЙ ТКАНИ ЧЕЛЮСТИ ЧЕЛОВЕКА И ЗАМЕНИТЕЛЯ КОСТНОЙ ТКАНИ СЕРАБОН (CERABONE®) В ТЕРАГЕРЦОВОМ ДИАПАЗОНЕ

А.С. НИКОГОСЯН, Р.М. МАРТИРОСЯН, J.SHEN, H. TING, М.Ю. ТУНЯН, А.В. ПАПИКЯН, А.А. ПАПИКЯН

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A.S. Nikoghosyan, T. He, J. Shen, R.M. Martirosyan, M.A. Kazaryan, I.N. Feofanov, V.I. Sachkov

ЛАЗЕРНО-ИНФОРМАЦИОННЫЕ ТЕХНОЛОГИИ В МЕДИЦИНЕ, БИОЛОГИИ, ГЕОЭКОЛОГИИ И

ТРАНСПОРТЕ

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Optical Properties of Human Jawbone and CERABONE® in the Terahertz Range

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PROCEEDINGS of the International Conference on Microwave and THz Technologies, Photonics and Wireless Communications

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Конференция

The low power electromagnetic millimeter waves influence on the cellular indicators of leucopoiesis

Vitali Kalantaryan, Radik Martirosyan, Tsovinar Adamyan, Emma Gevorkyan

Конференция

Thermostability of the Mitoxantrone-tumor DNA complexes irradiated by low power electromagnetic waves

Vitali Kalantaryan, Radik Martirosyan, Sergey Hakobyan, Ruzanna Khazaryan

Конференция

Interaction of netropsin with double-stranded nucleic acids irradiated with non ionizing athermal millimeter electromagnetic waves

Kalantaryan V., Martirosyan R., Babayan Y., Hakobyan S.

Конференция

What is the primary target of the action millimeter waves on biological objects?

Vitali Kalantaryan, Radik Martirosyan, Yura Babayan, Hamlet Badalyan

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Thermostability of the Mitoxantrone-tumor DNA complexes irradiated by low power electromagnetic waves

V.P. Kalantaryan, R.M. Martirosyan, S.N. Hakobyan, R.S. Khazaryan

Конференция

Ferromagnetic detector of infrared radiation

D. Bagdasaryan, A. Hakhoumian, R. Martirosian, A. Julfayan, A. Makaryan, F. Nazari, V. Tadevosyan

Конференция

Influence of nonionizing millimeter electromagnetic radiation on tumor and healthy DNA

Vitali Kalantaryan, Radik Martirosyan, Yura Babayan, Pogos Vardevanyan

Конференция

Effect of attenuation on the efficiency of THz radiation generation in a nonlinear crystal integrated into a waveguide

A.S. Nikoghosyan, R.M. Martirosyan, A.A. Hakhoumian, A.O. Makaryan, V.R. Tadevosyan, G.N. Goltsman,

