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🌐 Language skills

English Русский Հայերեն

📖 Publications

Article

EFFECT OF EXTREMELY HIGH FREQUENCY ELECTROMAGNETIC IRRADIATION TREATMENT ON GERMINATION, GROWTH AND AMYLASE ACTIVITY OF WHEAT SEEDS

G.H.POGHOSYAN, M.S. MIKAELYAN, P.H.VARDEVANYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2023 19-31

Article

ВЗАИМОДЕЙСТВИЕ СЫВОРОТОЧНОГО АЛЬБУМИНА С ЭРИТРОЗИНОМ В ПОД ВОЗДЕЙСТВИЕМ ЭЛЕКТРОМАГНИТНЫХ ВОЛН МИЛЛИМЕТРОВОГО ДИАПАЗОНА

М.А. Парсаданян, М.А. Шагинян, С.В. Григорян, М.С. Микаелян, Г.А. Погосян, В.П. Калантарян,

П.О. Вардеванян

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2023 643-651

Article

Interaction of Serum Albumin with Erythrosine B under the Influence of Millimeter-Range Electromagnetic Waves

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

P.O. Vardevanyan

Journal of Contemporary Physics (Armenian Academy of Sciences) 2023 428-434

Article

STUDY OF ASPIRIN EFFECT ON STABILITY OF MEMBRANES OF RAT BLOOD ERYTHROCYTES BY ACIDIC HEMOLYSIS METHOD

Gayane H. Poghosyan, Marieta S. Mikaelyan, Mariam A. Shahinyan, Evelina G. Sargsyan,

Anahit V. Nerkararyan

Proceedings of the YSU B: Chemical and Biological Sciences 2022 56-62

Article

STUDY OF THE JOINT EFFECT OF MILLIMETER RANGE ELECTROMAGNETIC IRRADIATION AND CADMIUM IONS ON MALONIC DIALDEHYDE CONCENTRATION AND CATALASE ACTIVITY IN WHEAT SEEDLING CELLS

Zh.H. Mukhaelyan, M.A. Shahinyan, G.H. Poghosyan

Proceedings of the YSU B: Chemical and Biological Sciences 2019 18-22

Article

The influence of low-intensity EMI treatment on seed germination and early growth of wheat

Poghosyan G. H., Mukhaelyan Zh. H.

Proceedings of the YSU B: Chemical and Biological Sciences 2018 110-115

Article

Effect of whole body extremely high frequency electromagnetic irradiation exposure on lipid peroxidation in rats

Gayane Poghosyan, Marieta Mikaelyan, Anahit Nerkararyan, Poghos Vardevanyan

Biologija 2017 238-245

Article

Wheat Seedlings Growth and Antioxidant System Activity Changes as Responses to Extremely High Frequency Electromagnetic Irradiation

Zhanna H. Mukhaelyan, Mariam A. Shahinyan, Gayane H. Poghosyan, P.O. Vardevanyan

American Journal of Plant Biology 2016 1-10

<http://ivyunion.org/index.php/ajplantbio/about>

Article

Effect of extremely high frequency EMI on lipid peroxidation and antioxidant enzymes of wheat shoots.

Mukhaelyan Zh.H., Poghosyan G.H., Vardevanyan P.H.

Biological Journal of Armenia 2016 21-29

<http://www.flib.sci.am/eng/Biology/>

Article

Effect of Cadmium ions on Lipid peroxidation and Activities of antioxidant enzymes of growing wheat (*Triticum aestivum* L.) shoots

Mukhaelyan Zh.H., Poghosyan G.H., Vardevanyan P.H.

Biological Journal of Armenia 2015 51-57

<http://www.flib.sci.am/eng/Biology/>

Conference

EFFECT OF EXTREMELY HIGH FREQUENCY EMI ON LIPID PEROXIDATION AND ACTIVITIES OF ANTIOXIDANT ENZYMES OF WHEAT SHOOTS

Mukhaelyan Zhanna H., Poghosyan Gayane H., Vardevanyan Poghos H.

Conference

WHEAT SEEDLINGS GROWTH AND ANTIOXIDANT SYSTEM ACTIVITY CHANGES AS RESPONSES TO MILLIMETER WAVES IRRADIATION

Mukhaelyan Z.H., Poghosyan G.H., Vardevanyan P.H.

Conference

CADMIUM-INDUCED OXIDATIV STRESS AND GROWTH PARAMETERS OF WHEAT PLANTS

Mukhaelyan Z.H., Poghosyan G.H., Vardevanyan P.H.

Conference

Влияние электромагнитного излучения миллиметрового диапазона на хемилюминесценцию и активность антиоксидантной системы проростков *Triticum Aestivum* L.

Вардеванян П.О., Закарян А.Е., Погосян Г.А., Мухаелян Ж.Г.

Conference

Whole body extremely high frequency electromagnetic irradiation exposure effect on lipid peroxidation in rats

Poghosyan G.H., Mikaelyan M.S, Nerkararyan A.V., Vardevanyan P.H.

Conference

Combined effect of cadmium ions and millimeter range electromagnetic waves on growth and antioxidant enzymes activity of wheat seedlings

Gayane Poghosyan, Zhanna Mukhaelyan, Poghos Vardevanyan

Conference

Effect of whole body extremely high frequency electromagnetic irradiation exposure on antioxidant enzymes activity in rats

Gayane H. Poghosyan, Poghos H. Vardevanyan, Marieta S. Mikaelyan, Anahit V. Nerkararyan

Conference

Влияние ЭМИ КВЧ на активность процессов перекисного окисления и антиоксидантной активности крови крыс *in vivo*

Погосян Г.А., Неркарян А.В., Микаелян М.С., Вардеванян П.О.

Conference

Раздельное и совместное действие кадмия и ЭМИ КВЧ-диапазона на рост и перекисное окисление липидов проростков пшеницы

Погосян Г.А., Мухаелян Ж.Г., Вардеванян П.О.

Conference

Wheat Seed Treatment with 51,8 GHz Electromagnetic Field Induces Changes in Germination and Seedling Early Growth

Poghosyan G. H.

Conference

Изучение перекисного окисления липидов в эритроцитах крови крыс облученной ЭМИ КВЧ *in vitro*

Погосян Г.А., Вардеванян П.О., Неркарян А.В., Микаелян М.С., Шагинян М.А.

Conference

Оценка эффектов воздействия миллиметровых волн низкой интенсивности и ионов кадмия на проростки пшеницы

Погосян Г.А., Мухаелян Ж.Г., Вардеванян П.О.

Conference

Cadmium Induced Changes in Membrane-Associated Processes of Mitochondrial Isolated from *Triticum Aestivum* Seedlings

Gayane H. Poghosyan, Poghos H. Vardevanyan

Conference

Evaluation of Oxidative Effects in Male Wistar Rats Following Extremely High Frequency Electromagnetic Irradiation Exposure.

Gayane H. Poghosyan, Anahit V. Nerkararyan, Poghos H. Vardevanyan

Conference

Influence of low-intensity millimeter waves on lipid peroxidation and antioxidant enzymes activity in male Wistar rats

Gayane H. Poghosyan, Marieta S. Mikaelyan, Anahit V. Nerkararyan

Conference

Germination response of Triticum aestivum seeds to different exposure times of low-intensity EMI treatment

Gayane H. Poghosyan, Zhanna H. Mukhaelyan

Conference

Исследование связывания метиленового фиолетового с сывороточным альбумином человека

Погосян Г.А., Шагинян М.А., Микаелян М.С., Антонян А.П.

Conference

Влияние миллиметровых электромагнитных волн на перекисное окисление липидов и хемилюминесценцию мембран эритроцитов крови человека in vitro

Вардеванян П.О., Погосян Г.А., Микаелян М.С.

Conference

Влияние ионов кадмия на активность митохондрий, изолированных из проростков пшеницы (Triticum Aestivum L.)

Антонян А.П., Погосян Г.А., Саргсян Э.Г.
