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Кафедра физики конденсированного состояния
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Մակրոմոլեկուլների ֆիզիկայի լաբորատորիա
Научный сотрудник

Образование

Учреждение	Ереванский государственный университет
Факультет	Молекулярная физика
Дата	2002 - 2006
Степень / Звание	Аспирант

Учреждение	Ереванский государственный университет
Факультет	Физики
Дата	2000 - 2002
Степень / Звание	Магистр

Учреждение	Ереванский государственный университет
Факультет	Физики
Дата	1996 - 2000
Степень / Звание	Бакалавр

Ученое звание/Ученая степень

Учреждение	Ереванский государственный университет
Дата	2008
Степень / Звание	PhD
Научный руководитель	Ева Далян
Научная тема	Роль боковых заместителей при комплексообразовании пиридил порфиринов с ДНК.

Знание языков

English Русский

Опыт работы

Учреждение	Ереванский государственный университет
Период времени	2024 до настоящего времени
Звание/степень	доцент

Публикации

Статья

The Influence of X-ray Radiation on DNA and Platinated DNA Complexes in the Presence of Porphyrin

A. Avetisyan, L. Mkrtchyan, S. Khosrovyan, M. Avetisyan, G. Ananyan, L. Aloyan

Radiation Physics and Chemistry 2026 113890

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Статья

Investigating the impact of metalloporphyrins on DNA damage during electron beam irradiation

A. Avetisjan, L. Mkrtchyan, S. Khosrovyan, L. Aloyan

Nuclear Instruments and Methods in Physics Research Section A Accelerators Spectrometers Detectors and Associated Equipment
2025 170328

Статья

INFLUENCE OF CATIONIC PORPHYRINS ON CISPLATIN-MODIFIED DNA

G. V. Ananyan, Ye. B. Dalyan, L. R. Aloyan, A. A. Avetisyan, N. H. Karapetyan

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Статья

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L. Aloyan, H. Margaryan, P. Karataev

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Конференция

Investigating the Impact of Metalloporphyrins on DNA Damage During Eletron Beam Irradiation

A. Avetisyan, L. Aloyan, L. Mkrtchyan, S. Khosrovyan

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The investigation of irradiation effect on DNA/cisplatin complexes in presence of AgTOEPyP4 Porphyrin by absorption spectroscopy method

Ani Avetisyan, Lusine Mkrtchyan, Lusine Aloyan

2024 86-87

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Investigation of irradiated DNA/porphyrin complexes by optical methods
Lusine Aloyan, Ani Avetisyan

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Образовательный Руководство

Պարույր-կծիկ անցումը ԴՆԹ-ի մոլեկուլում
Լուսինե Ալոյան
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Статья

Spectral Study of the Binding of TMetAlPyP3 and ZnTMetAlPyP3 Porphyrins to DNA
L. R. Aloyan, A. A. Avetisyan

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L Aloyan, A Avetisyan, V Arakelyan, H Margaryan

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Photovoltaic Tweezers Based on Optical Holography: Application to 2D Trapping of DNA Molecules on a Lithium Niobate Crystal
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Влияние мультипликативного шума на выходной сигнал ДНК-биосенсора
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FLAP Collaboration: Tasks and Perspectives.Study of Fundamentals and New Applicationsof Controllable Generation of Electromagnetic Radiationby Relativistic Electrons Using Functional Materials
L. Aloyan, A. Avetisyan, Y. Dalyan, L. Grigoryan, N. Karapetyan, V. Kocharyan, A. Mkrtchyan,

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INFLUENCE OF PORPHYRINS ON DNA DAMAGE INDUCED BY HIGHER ENERGY ELECTRONS

L.R. Aloyan

2016 10-11

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New Porphyrins/Calf Thymus DNA Complexes. Their Thermostability

Lusine ALOYAN, Yeva DALYAN, Aleksey GOGOLEV

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X-ray diffraction method for determination of interplanar spacing and temperature

distribution in crystals under an external temperature gradient
V. R. Kocharyan, A. S. Gogolev, A. E. Movsisyan, A. H. Beybutyan, S. G. Khlopuzyan, L. R. Aloyan

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Development of anticancer drug transporter on base of gold nanoparticles
L.R.Aloyan, Y.B.Dalyan

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The stability of DNA–porphyrin complexes in the presence of Mn(II) ions.
G. Ananyan, A. Avetisyan, L. Aloyan, Y. Dalyan

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