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Language skills

Հայերեն English Русский

Publications

Article

Enhancement of mechanical properties of graphene oxide fibers via liquid crystalline phase formation and flake size optimization
M. Zhezhu, G. Baghdasaryan, G. Gevorgyan, S. Gyozalyan, Y. Grigoryan, K. Margaryan, H. Gharagulyan

Materials Letters 2026 140242

https://www.sciencedirect.com/science/article/pii/S0167577X26002016

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Elastic Characterization of Acrylate-Based Liquid Crystal Elastomers
Gevorg S. Gevorgyan, Maksim L. Sargsyan, Mariam R. Hakobyan, Matthew Reynolds, Helen F. Gleeson,

Rafik S. Hakobyan
Polymers 2025 614

Article

Developing flood hazard assessment software for Armenia
J. Matsuo, G.S. Gevorgyan, K. Shiwaku, A.S. Chilingaryan

Crisis Management and Technologies 2023 15-23

Conference

SFCO POSITION AND VIBRATION SENSORS AS A HIGHLY SENSITIVE TOOL FOR BEHAVIORAL PHYSIOLOGY RESEARCH
SG Gevorgyan, AS Khachunts, AA Tumanian, AR Sargsyan, GS Gevorgyan

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https://www.stressandbehavior.com/new-events/2023/5/16/neuroscience-week

Article

Applicability of the single-layer flat-coil-oscillator technology-based vibration and vibro-acoustic sensors in medical and biological study of the cardiovascular system: Advantages and perspectives of the carotid pulse wave registration
G. S. Gevorgyan, S. G. Gevorgyan, A. S. Khachunts, A. A. Tumanian, N. E. Tadevosyan

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Article

Determination of the Elasticity Coefficients for Nematic Liquid Crystal Elastomers
Maksim Sargsyan, Gevorg Gevorgyan, Mariam Hakobyan, Rafik Hakobyan

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Developing the seismic intensity display software in Yerevan
J. Matsuo, K. Shiwaku, G.S. Gevorgyan

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On the possibility of recording and studying human movement activity with seismic sensors of a new type: Advantages and prospects of the single-layer flat-coil-oscillator technology based sensors
S.G. Gevorgyan, G.S. Gevorgyan, V.S. Gevorgyan, B.K. Kurghinyan, A.S. Khachunts, H.G. Shirinyan,

S.A. Khachunts

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Article

Бесконтактное дальнеполевое недеструктивное сканирование различных структур и сред радиочастотным «магнитно-полевым» SFCO зондом – новая технология визуализации
С.Г. Геворгян, Г.С. Геворгян, А.С. Хачунц, С.А. Хачунц

Proceedings of NAS RA Physics 2020 63-77

Article

Non-Contact Far-Field Non-Destructive Scanning of Various Structures and Media by Radio-Frequency 'Magnetic-Field' SFCO-Probe – a New Type of Visualization Technology
A. S. Khachunts, S. G. Gevorgyan, G. S. Gevorgyan, S. A. Khachunts

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Article

Экспериментальное исследование конвекции марангони в наножидкостях
Г. С. Геворгян, К. А. Петросян, Р. С. Акопян, Р. Б. Алавердян

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Spatial evolution of light polarization in wedge-shaped cholesteric liquid crystal cell
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