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Publications

Article

Multilayered liquid crystal systems for discrete and continuous light beam steering
Hakob L. Margaryan, Valery K. Abrahamyan, Nune H. Hakobyan, Hakob S. Chilingaryan,

Gnel M. Stepanyan, Victor V. Belyaev, Andrey D. Latipov

IET conference proceedings. 2024 71–74/208333

Conference

Light beam steering by a sequence of polarization diffraction gratings
H. Margaryan, V. Abrahamyan, N. Hakobyan, H.Chilingaryan, G. Stepanyan, V. Belyaev, A. Latipov

2024 P_ MW3

http://www.irphe.am/?q=node/181

Article

ЖИДКОКРИСТАЛЛИЧЕСКИЙ УПРАВЛЯЕМЫЙ ОПТИЧЕСКИЙ ФИЛЬТР, КОМБИНИРУЕМЫЙ С УСТРОЙСТВАМИ ВИДЕОНАБЛЮДЕНИЯ
А.Л. МАРГАРЯН, П.К. ГАСПАРЯН, В.К. АБРААМЯН, Н.Г. АКОПЯН, А.С. ЧИЛИНГАРЯН, Д.К. ПОХСРАРЯН,

Г.М. СТЕПАНЯН

Proceedings of NAS RA Physics 2023 102–107

Article

Controlled Liquid Crystal Optical Filter Combined with Video Surveillance Devices
H. L. Margaryan, P. K. Gasparyan, V. K. Abrahamyan, N. H. Hakobyan, H. S. Chilingaryan,

D. K. Pokhsraryan, G. M. Stepanyan

Journal of Contemporary Physics (Armenian Academy of Sciences) 2023 73–76

Article

Apparatuses for preparing and investigation of liquid crystal devices
Hakob L. Margaryan, Nune H. Hakobyan, Hakob S. Chilingaryan, Valery K. Abrahamyan,

Nelson V. Tabirian

Proceedings of SPIE. Emerging Liquid Crystal Technologies XVII 2022 120230C-1-6

Conference

Apparatuses for preparing and investigation of liquid crystal devices
Hakob L. Margaryan, Nune H. Hakobyan, Hakob S. Chilingaryan, Valery K. Abrahamyan,

Nelson V. Tabirian

2022 No. 12023-28

https://spie.org/conferences-and-exhibitions/photonics-west/program/conferences...

Conference

Platform for real time spectroscopy based on NI-sbRIO system for optimal control of materials properties

Margaryan H., Pokhsraryan D., Hakobyan N., Gasparyan P., Hovhannisyan D., Chilingaryan H.,

Belyaev V., Kuznetsov M.

2022 TS 3 ID 88

http://intels-conf.ru/

Patent

Հեղուկ բյուրեղային սարքը հեղուկ բյուրեղային նյութով լցման սարքավորում

Հակոբ Լևոնի Մարգարյան, Նունե Հրանտի Հակոբյան, Հակոբ Չիլինգարյան, Վալերի Աբրահամյան,

Պետրոս Գասպարյան

2021

Patent

«Apparatus for filling liquid crystal device with liquid crystal substance»

H.L. Margaryan, N.H. Hakobyan, V.K. Abrahamyan, H.S. Chiligaryan, P.K. Gasparyan, Nelson Tabirian,

Oleksandr Goushcha

2021

Article

Device for real-time measuring of circular dichroism at a specific wavelength

HAKOB MARGARYAN, NUNE HAKOBYAN, NELSON TABIRIAN, TIGRAN SARGSYAN, PETROS GASPARYAN,

VALERI ABRAHAMYAN, HAKOB CHILINGARYAN, DAVID POKHSRARYAN

Journal of the Optical Society of America B 2019 D66-D69

Article

Obtaning of Graphene by Chemical Vapor Deposition

H.L. Margaryan, V.M. Aroutiounian, N.H. Hakobyan, V.K. Abrahamyan, H.S. Chilingaryan,

Arpi S. Dilanchian Gharghani

SEMICONDUCTOR MICRO- AND NANOELECTRONICS. PROCEEDINGS OF THE ELEVENTH INTERNATIONAL CONFERENCE
2017 169-172

http://icsmn.ysu.am/11th%20ICSMN-Proceedings.pdf

Article

Circular dichroism meter based on polarization diffractive waveplate

Hakobyan Nune, Margaryan Hakob, Chilingaryan Hakob, Tabiryan Nelson, Belyaev Victor,

Solomatin Aleksey

Вестник московского государственного областного университета. Серия: Физика-математика 2017

88–94

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Conference

Circular Dichroism Meter Based on Polarization Diffractive Waveplate

Nune Hakobyan, Hakob Margaryan, Hakob Chilingaryan, Nelson Tabiryan, Victor Belyaev,

Aleksey Solomatin

2017 143

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H.L. Margaryan, V.M. Aroutiounian, N.H. Hakobyan, V.K. Abrahamyan, H.S. Chilingaryan,

Arpi S. Dilanchian Gharghani

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Article

Technique for spectropolarimetry based on liquid crystal polarization diffraction grating

Hakobyan N., Margaryan H., Hovhhannisyan D., Sargsyan T., Gasparyan P., Aroutiounian V.,

Chilingaryan H., Pokhsraryan D., Tabirian N.

Molecular Crystals and Liquid Crystals 2015 63-69

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