

Afisarea articolelor 1-20(31) pentru cuvîntul-cheie "holography"

Surface relief and refractive index gratings patterned in chalcogenide glasses and studied by off-axis digital holography

Cazac Veronica¹, Meşalchin Alexei¹, Achimova Elena¹, Abaşkin Vladimir¹, Katkovnik Vladimir², Shevkunov Igor^{3,2}, Claus Daniel⁴, Giancarlo Pedrini⁴

¹ Institute of Applied Physics, Academy of Sciences of Moldova,

³ Saint Petersburg State University,

⁴ Institute of Applied Optics, University of Stuttgart

Applied Optics

3(57) / 2018 / ISSN 1559-128X

Disponibil online 23 February, 2018. Descarcări-0. Vizualizări-933

Laser induced periodic structures in porous silicon

Vlad Valentin Ionel¹, Petriş Adrian¹, Ciumaş Valentin², Cojocaru Ion²

¹ Institute of Atomic Physics,

² Institute of Applied Physics, Academy of Sciences of Moldova

Applied Surface Science

/ 1996 / ISSN 0169-4332

Disponibil online 14 July, 2023. Descarcări-0. Vizualizări-166

New optical materials based on chalcogenide glasses

Iovu Mihail, Benea Vasile, Cojocaru Ion, Colomeico Eduard, Tăzlăvan Victor, Iovu Maria

Institute of Applied Physics, Academy of Sciences of Moldova

Annual Congress of the American Romanian Academy of Arts and Sciences.

Ediția 35. 2011. Montreal; Canada. [ISBN 978-1-935924-01-2](#).

Disponibil online 12 March, 2024. Descarcări-0. Vizualizări-113

New optical materials based on chalcogenide glasses

Iovu Mihail, Benea Vasile, Cojocaru Ion, Colomeico Eduard, Tăzlăvan Victor, Iovu Maria

Institute of Applied Physics, Academy of Sciences of Moldova

Annual Congress of the American Romanian Academy of Arts and Sciences.

Ediția 35. 2011. Montreal; Canada. [ISBN 978-1-935924-01-2](#).

Disponibil online 12 March, 2024. Descarcări-0. Vizualizări-116

Development of digital holographic microscope for 3D sensing of biological surface morphology

Achimova Elena

Institute of Applied Physics, Academy of Sciences of Moldova

IFMBE Proceedings

Editia 3, Vol.55. 2016. . [ISSN 16800737](#).

Disponibil online 17 June, 2022. Descarcări-0. Vizualizări-313

Characterization of the photo-structurable media from carbazol-containing copolymers and thermo-cross-linking media from vynil-containing copolymers

Bivol Valeriu¹, Robu Ștefan², Andrieș Andrei¹, Necsoiu Teodor (Corina)³

² Moldova State University,

³ Institute of Optoelectronics Bucurest-Magurele

Proceedings of SPIE - The International Society for Optical Engineering

Ediția 6, Vol.4430, Issue 1. 2001. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 2 February, 2024. Descarcări-0. Vizualizări-79

New photoresists from carbazol-containing photopolymers

Bivol Valeriu¹, Robu Ștefan², Dragalina Galina², Bostan L.², Prisacari A.², Coban A.²

² Moldova State University

Proceedings of SPIE - The International Society for Optical Engineering

Ediția 4, Vol.4087. 2004. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 30 January, 2024. Descarcări-1. Vizualizări-133

Design principles of high sensitivity in the photochromic media

Ciapurin Igor¹, Robu Ștefan¹, Oba Kazutaka², Nielsen James², Fainman Shaya Yeshaiahu²

¹ Moldova State University,

Proceedings of SPIE - The International Society for Optical Engineering

Ediția 4, Vol.4087. 2004. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 30 January, 2024. Descarcări-0. Vizualizări-107

Optical properties of amorphous As 45S 15Se 40 thin films

Iovu Mihail, Cojocaru Ion, Benea Vasile, Colomeico Eduard

Institute of Applied Physics, Academy of Sciences of Moldova

Journal of Optoelectronics and Advanced Materials

/ 2011 / ISSN 1454-4164

Disponibil online 27 February, 2024. Descarcări-0. Vizualizări-90

Optical photoinduced phenomena and holographic recording in amorphous As-Se thin films

Iovu Mihail¹, Ciorbă Valeriu¹, Colomeico Eduard¹, Iovu Maria¹, Nastase A.¹, Prisacari A.¹, Popescu Mihai A.², Spotiuc Oleg³

¹ Institute of Applied Physics, Academy of Sciences of Moldova,

Journal of Optoelectronics and Advanced Materials

/ 2005 / ISSN 1454-4164

Disponibil online 23 February, 2024. Descarcări-0. Vizualizări-70

Two-layer structure for high spatial frequency optical data recording based on multinary chalcogenide semiconductors

Rotaru Vasile¹, Robu Ștefan¹, Ciapurin Igor¹, Dragalina Galina¹, Corșac Oleg¹, Aboudih I.², Lafond Christophe², Lessard Roger A.²

¹ Moldova State University,

Proceedings of SPIE - The International Society for Optical Engineering

Ediția 7, Vol.4459. 2001. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 2 February, 2024. Descarcări-0. Vizualizări-134

Photothermoplastic-based recording equipment: New features of airborne and satellite imaging

Rotaru Vasile, Ciapurin Igor, Corşac Oleg

Moldova State University

Proceedings of SPIE - The International Society for Optical Engineering

Ediția 4, Vol.4732. 2002. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 2 February, 2024. Descarcări-0. Vizualizări-164

Development of holographic optical elements based on LiNbO3 photorefractive crystals and As-S-Se chalcogenide films

Kukhtarev Nickolai¹, Kukhtareva Tatiana¹, Edwards Vernessa M.¹, Wang Jaiching¹, Rotaru Vasile², Corşac Oleg², Ciapurin Igor²

² Moldova State University

Proceedings of SPIE - The International Society for Optical Engineering

Ediția 4, Vol.4732. 2002. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 2 February, 2024. Descarcări-0. Vizualizări-122

Nanocomposite Films Based on Photosensitive Azopolymer with Gold Nanoparticles: Synthesis, Film Deposition, Diffractive Optical Elements Recording and Characterization

Achimova Elena¹, Abaşkin Vladimir¹, Meşalchin Alexei¹, Loşmanschii Constantin¹, Botnari Vladislav¹, Giancarlo Pedrini²

¹ Institute of Applied Physics, MSU,

² Institute of Applied Optics, University of Stuttgart

IFMBE Proceedings

Ediția 6, Vol.91. 2024. Chişinău. [ISSN 16800737](#).

Disponibil online 9 October, 2023. Descarcări-0. Vizualizări-155

Surface topography studied by off-axis digital holography

Achimova Elena¹, Abaşkin Vladimir¹, Cazac Veronica¹, Meşalchin Alexei¹, Giancarlo Pedrini², Claus Daniel², Shevkunov Igor³, Katkovnik Vladimir³

¹ Institute of Applied Physics,

² Institute of Applied Optics, University of Stuttgart,

Optics InfoBase Conference Papers

2018. Washington, D.C., SUA. [ISBN 978-155752820-9](#).

Disponibil online 7 January, 2022. Descarcări-0. Vizualizări-348

Photostructure transformation effects of layer consisting from CAMC:OMA copolymers under the action of laser irradiation

Bivol Valeriu, Robu Vitaly, Vlad Ludmila, Coban A., Prisacari A.

Proceedings of SPIE - The International Society for Optical Engineering

Vol.4423, Issue 1. 2001. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 5 February, 2024. Descarcări-0. Vizualizări-100

Optical correlation functions calculation algorithms

Perju Veaceslav, Perju Veacheslav, Cazac Sergiu

Technical University of Moldova

Proceedings of SPIE - The International Society for Optical Engineering

Ediția 11, Vol.4043. 2000. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 6 February, 2024. Descarcări-0. Vizualizări-83

Direct surface relief formation on As₂S₃-Se nanomultilayers in dependence on polarization states of recording beams

Achimova Elena¹, Stronski Alexander², Abaşkin Vladimir¹, Meşalchin Alexei¹, Paiuk Oleksandr², Prisacar Alexandr¹, Oleksenko Pavel F.², Triduh Ghennadi¹

¹ Institute of Applied Physics, Academy of Sciences of Moldova,

Optical Materials

/ 2015 / ISSN 0925-3467

Disponibil online 11 May, 2023. Descarcări-0. Vizualizări-258

Polarization holographic recording of vortex diffractive optical elements on azopolymer thin films and 3D analysis via phase-shifting digital holographic microscopy

Cazac Veronica^{1,2}, Achimova Elena¹, Abaşkin Vladimir¹, Prisacar Alexandr¹, Loşmanschii Constantin¹, Meşalchin Alexei¹, Egiazarian Karen O.²

¹ Institute of Applied Physics,

Optics Express

6(29) / 2021 / ISSN 1094-4087

Disponibil online 30 March, 2021. Descarcări-2. Vizualizări-432

Effect of Corona Discharge on the Optical Properties of Thin-Film Cu-As₂Se₃ Structures

Nastas Andrian¹, Iovu Mihail¹, Tolstik Alexei²

¹ Institute of Applied Physics,

² Belarusian State University

Optics and Spectroscopy (English translation of Optika i Spektroskopiya)

2(128) / 2020 / ISSN 0030-400X

Disponibil online 9 October, 2020. Descarcări-0. Vizualizări-602

Photoinduced phenomena in amorphous As₄S₃Se₃-Sn films

Iaseniuc Oxana, Cojocar Ion, Prisacar Alexandr, Nastas Andrian, Iovu Mihail

Institute of Applied Physics, Academy of Sciences of Moldova

Optics and Spectroscopy (English translation of Optika i Spektroskopiya)

1(121) / 2016 / ISSN 0030-400X

Disponibil online 14 September, 2022. Descarcări-0. Vizualizări-250

Application of carbazole-containing polymer materials as recording media

Andrieş Andrei, Abaşkin Vladimir, Achimova Elena, Meşalchin Alexei, Prisacar Alexandr, Sergheev Serghei, Robu Ştefan, Vlad Ludmila

Institute of Applied Physics, Academy of Sciences of Moldova

Physica Status Solidi (A) Applications and Materials Science

/ 2011 / ISSN 1862-6300

Disponibil online 4 October, 2023. Descarcări-0. Vizualizări-131

Chemical photostructuration in iodoform-doped carbazolic copolymers for holographic recording

Chilat Ecaterina^{1,2}, Bodin Audrey¹, Chambon Sylvain¹, Frezet Lawrence¹, Rivaton Agnes¹, Robu Ștefan², Bolte Michele¹, Mailhot Benedicte¹

² Moldova State University

Proceedings of SPIE - The International Society for Optical Engineering

Vol.6657. 2007. Bellingham, Washington. [ISSN 0277786X](#).

Disponibil online 4 December, 2023. Descarcări-0. Vizualizări-100

Development and characterization of negative photochromic compounds

Ciapurin Igor¹, Robu Ștefan¹, Rotari Eugeniu¹, Corșac Oleg¹, Lessard Roger A.²

¹ Moldova State University,

Proceedings of SPIE - The International Society for Optical Engineering

Ediția 4, Vol.4642. 2002. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 2 February, 2024. Descarcări-0. Vizualizări-103

Properties of polymer compositions for recording and copying optical images

Bivol Valeriu¹, Barbă Nikolai², Robu Ștefan², Autor Nou², Vlad Ludmila², Prisacari A.¹, Triduh Ghennadi¹, Achimova Elena¹

² Moldova State University

Proceedings of SPIE - The International Society for Optical Engineering

Ediția 5, Vol.3405. 1998. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 7 February, 2024. Descarcări-0. Vizualizări-117

Photothermoplastic medium as a hologram recorder for optical storage applications

Panasiuc Lev, Ciapurin Igor, Nastas Andrian

Moldova State University

Proceedings of SPIE - The International Society for Optical Engineering

Vol.3135. 1997. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 8 February, 2024. Descarcări-0. Vizualizări-103

Structuri fotosensibile pe bază de semiconductori calcogenici sticloși din sistemul As-Se-S pentru înregistrarea informației optice

Prilepov Vladimir, Nasedchina Nadejda, Spoială Dorin, Chirița Arcadii

Studia Universitatis Moldaviae (Seria Științe Exacte și Economice)

2(122) / 2019 / ISSN 1857-2073 /ISSNe 2345-1033

Disponibil online 31 August, 2019. Descarcări-4. Vizualizări-694

Увеличение чувствительности фототермопластических носителей при дополнительной засветке интегральным и монохроматическим излучением

Chirița Arcadii, Corșac Oleg, Nasedchina Nadejda, Prilepov Vladimir, Jidcov Iurie, Ciornâi Alexei

Молдавский Государственный Университет

Studia Universitatis Moldaviae (Seria Științe Exacte și Economice)

7(67) / 2013 / ISSN 1857-2073 /ISSNe 2345-1033

Disponibil online 3 April, 2014. Descarcări-2. Vizualizări-952

Определение размеров непрозрачных микрообъектов голографическим методом

Chirița Arcadii, Caraman Mihail, Corșac Oleg, Andrieș Ion, Prilepov Vladimir, Nasedchina Nadejda, Jidcov Iurie

Молдавский Государственный Университет

Studia Universitatis Moldaviae (Seria Științe Exacte și Economice)

2(69) / 2013 / ISSN 1857-2073 /ISSNe 2345-1033

Disponibil online 3 April, 2014. Descarcări-2. Vizualizări-968

Both holographic and electron-beam recording in new carbazolyl - Containing photoresists

Andrieș Andrei¹, Bivol Valeriu¹, Ersoy Okan K.², Robu Ștefan¹, Sergheev Serghei¹, Vlad Ludmila¹

Proceedings of SPIE - The International Society for Optical Engineering

Ediția 7, Vol.5581. 2004. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 29 January, 2024. Descarcări-0. Vizualizări-152

Polarization holography for direct surface grating patterning on chalcogenide nanomultilayers

Achimova Elena

Institute of Applied Physics

Journal of Physics: Conference Series

Ediția 1, Vol. 1096. 2018. Moscova, Rusia. [ISSN 17426588](#).

Disponibil online 6 September, 2021. Descarcări-0. Vizualizări-324



Copyright © 2011-2024 Instrumentul Bibliometric Național.

Institutul de Dezvoltare a Societății Informaționale.

Actualizat: 29.05.2024, accesat: 30.05.2024

Disponibil: <https://ibn.idsi.md>

