

Khonina Svetlana

Publicații peste hotare - **6**.

Publicații indexate în SCOPUS - **6**. Teze/Rezumat în culegeri - **1**.

2022 - 1

Writing and reading with the longitudinal component of light using carbazole-containing azopolymer thin films

Porfirev Alexey¹, Khonina Svetlana²³, Ivliev Nikolay²³, Meshalkin Alexei⁴, Akimova Elena⁴, Forbes Andrew⁵

¹ Image Processing Systems Institute-Branch, Federal Scientific Research Centre "Crystallography and Photonics", Russian Academy of Sciences, Samara,

² Image Processing Systems Institute,

³ Samara National Research University,

⁴ Institute of Applied Physics,

⁵ School of Physics, University of the Witwatersrand

Scientific Reports

Vol. 12, / 2022 / ISSN 2045-2322

Disponibil online 17 March, 2022. Descarcări-7. Vizualizări-399

2021 - 2

Two-step maskless fabrication of compound fork-shaped gratings in nanomultilayer structures based on chalcogenide glasses

Porfirev Alexey¹, Khonina Svetlana¹, Meshalkin Alexei², Ivliev Nikolay¹³, Akimova Elena², Abashkin Vladimir², Prisakar Alexandr², Podlipnov Vladimir¹³

¹ Image Processing Systems Institute-Branch, Federal Scientific Research Centre "Crystallography and Photonics", Russian Academy of Sciences, Samara,

² Institute of Applied Physics,

³ Samara National Research University

Journal of Materials Research and Technology

Nr. 13 / 2021 / ISSN 2238-7854

Disponibil online 14 July, 2021. Descarcări-0. Vizualizări-496

Two-step maskless fabrication of compound fork-shaped gratings in nanomultilayer structures based on chalcogenide glasses

Porfirev Alexey¹, Khonina Svetlana¹, Meshalkin Alexei², Ivliev Nikolay¹³, Akimova Elena², Abashkin Vladimir², Prisakar Alexandr², Podlipnov Vladimir¹³

¹ Image Processing Systems Institute-Branch, Federal Scientific Research Centre "Crystallography and Photonics", Russian Academy of Sciences, Samara,

² Institute of Applied Physics,

³ Samara National Research University

Optics Letters

Vol. 46, / 2021 / ISSN 0146-9592 / ISSN 1539-4794

Disponibil online 9 November, 2023. Descarcări-0. Vizualizări-128

2019 - 2

Formation of microstructures on the surface of a carbazole-containing azopolymer by the action of laser beams

Podlipnov Vladimir^{1,2}, Ivliev Nikolay^{1,2}, Khonina Svetlana^{1,2}, Nesterenko Dmitry^{1,2}, Meshalkin Alexei³, Akimova Elena³

¹ Samara National Research University,

² Image Processing Systems Institute,

³ Institute of Applied Physics

Journal of Physics: Conference Series

Nr. 2(1368) / 2019 / ISSN 1742-6588 / ISSN_e 1742-6596

Disponibil online 11 March, 2023. Descarcări-0. Vizualizări-183

Nonlinear effects in photoinduced nanomovement of carbazole-based azo-polymers

Podlipnov Vladimir¹, Ivliev Nikolay¹, Khonina Svetlana¹, Nesterenko Dmitry^{1,2}, Loshmanskyy Constantin³, Meshalkin Alexei³, Akimova Elena³, Abashkin Vladimir³

¹ Samara National Research University,

² Necunoscută, Rusia,

³ Institute of Applied Physics

Proceedings of SPIE - The International Society for Optical Engineering

Nr. 1-2(260) / 2012 / ISSN 1857-4300 / ISSN_e 2587-3717

Disponibil online 22 April, 2021. Descarcări-0. Vizualizări-442

2018 - 2

Design, technology of fabrication of diffractive optical elements and they investigation in the IPSI RAS

Podlipnov Vladimir^{1,2}, Khonina Svetlana^{2,1}, Skidanov R.^{1,2}

¹ Image Processing Systems Institute-Branch, Federal Scientific Research Centre "Crystallography and Photonics", Russian Academy of Sciences, Samara,

² Samara National Research University

Materials Science and Condensed Matter Physics

Nr. 4(64) / 2008 / ISSN 1810-9136

Disponibil online 12 February, 2019. Descarcări-7. Vizualizări-752

Investigation of photoinduced formation of microstructures on the surface of a carbazole-containing azopolymer depending on the power density of incident beams

Podlipnov Vladimir^{1,2}, Ivliev Nikolay^{1,2}, Khonina Svetlana^{1,2}, Nesterenko Dmitry^{1,2}, Akimova Elena³

¹ Image Processing Systems Institute,

² Samara National Research University,

³ Institute of Applied Physics, Academy of Sciences of Moldova

Computer Optics

Nr. 5(42) / 2018 / ISSN 0134-2452

Disponibil online 15 April, 2019. Descarcări-0. Vizualizări-689

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