

## იური მშვენიერაძის პუბლიკაციების სია

1. B. Kilosanidze, G. Kakauridze, I. Kobulashvili, Y. Mshvenieradze. "Polarization-oHlographic-element-based-method for determining the complex birefringence distribution." OSA Publishing, Conference Papers, FiO/LS - 2018, JTU3A, pp. JTU3A-17 (2018).  
<https://doi.org/10.1364/FIO.2018.JTU3A.17>
2. B. Kilosanidze, G. Kakauridze, L. Nadareishvili, Yu. Mshvenieradze, "New method for determining the distribution of birefringence and linear dichroism in polymer materials based on polarization-holographic grating." International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, Vol. 9, No. 2, pp. 257- 261(2015).  
<scholar.waset.org/1307-6892/10000469>
3. I. Chaganava, G. Kakauridze, B. Kilosanidze, Yu. Mshvenieradze, "Vector photochromism in polarization-sensitive materials." Optics Letters, vol. 39, No. 13, pp. 3841-3844 (2014).  
იმპაქტ ფაქტორი: 3.866  
<https://doi.org/10.1364/OL.39.003841>
4. I. Chaganava, G. Kakauridze, B. Kilosanidze, Yu. Mshvenieradze. "Light-controlled vector polyphotochromism," Organic Photonics VI. Editor(s): Barry P. Rand; Chihaya Adachi; David Cheyns; Volker van Elsbergen Proceedings of SPIE, Vol. 9137, 9137-38 (2014).  
იმპაქტ ფაქტორი: 0.74  
<https://doi.org/10.1117/12.2051756>
5. B. Kilosanidze, G. Kakauridze, I. Chaganava, Yu. Mshvenieradze, "Dynamic polarization holography: 2. Dynamic polarization-holographic gratings and their application." Applied Optics 52 (5), 1006-1015 (2013).  
იმპაქტ ფაქტორი: 1.973  
<https://doi.org/10.1364/AO.52.001006>
6. B. Kilosanidze, G. Kakauridze, Yu. Mshvenieradze, I. Chaganava, "Polarization- holographic gratings and devices on their basis: Polarization-holographic protection system and Polarization-holographic saccharimeter." European-photonics-innovation-village materials (2008).  
<http://www.rhenaphotonics.fr/european-photonics-innovation-village2008.php>
7. გ. კაკაურიძე, გ. კილოსანიძე, ი. მშვენიერაძე. "პოლარიზაციის სიბრტყის მობრუნების გუთხის პრეციზიული გაზომვის მეთოდი პოლარიზაციული მესერის მეშვეობით," კონფერენცია "ინფორმაციის პოლოგრაფიული და ოპტიკური ჩაწერა, შენახვა და დამუშავება, HOLOOPTO-2008", თეზისების კრებული, გვ. 14-16 (2008).  
<http://old.rustaveli.org.ge/upload/topic/1288782468.pdf>
8. Yu. Mshvenieradze. "Input and pretreatment of half-toned and graphics images in the computer" – In: Index of CSII information, series 11, No. 9, ref. 131 (1986).
9. Yu. Mshvenieradze. "On the possibilities and some features of iterated PNK". In: Problems of creation of converters of the shape of information. Kiev, 1973.
10. Yu. Mshvenieradze. "Controlled null detector for converter executing statistical treating on algorithm of stochastic approximation". In: Application of the methods of cybernetics. Tbilisi, 1973.
11. Yu. Mshvenieradze. "Analog-to-digital converter with an iterated way of averaging of the results of transformation". In: Elements and devices of control machines and systems. Kiev, 1972.