

5. Publicații la manifestări din RM

5.3. Publicații la alte manifestări din RM - 11

Teze/Rezumate în culegeri - 7.

2024 - 1

High performance ZnSe-based ultraviolet photodetectors with Cr/Au, Ni/Au and hybrid Ag-nanowire contacts

Sirkeli Vadim¹, Yilmazoglu Oktay², Hajo Ahid S.², Nedeoglo Natalia¹, Nedeoglo Dumitru¹, Preu Sascha², Kuppers Franko², Hartnagel Hans Ludwig²

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NANO- 2024: “Quo Vadis - Ethics of the Scientific Research”

Nr. 6(162) / 2017 / ISSN 0304-8608

Disponibil online 15 May, 2024. Descarcări-0. Vizualizări-44

2023 - 1

Recent advances in ZnSe-based devices: from uv to terahertz applications

Sirkeli Vadim¹, Nedeoglo Natalia¹, Nedeoglo Dumitru¹, Vatavu Sergiu¹, Yilmazoglu Oktay², Hajo Ahid S.², Preu Sascha², Hartnagel Hans Ludwig², Kuppers Franko³

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Integrare prin cercetare și inovare. Științe ale naturii și exacte

Nr. 12(304) / 2015 / ISSN 1220-4935

Disponibil online 2 April, 2024. Descarcări-0. Vizualizări-84

2021 - 1

ZnSe-based ultraviolet photodetectors with hybrid Ag-nanowire and Ni/Au contacts

Sirkeli Vadim¹, Nedeoglo Natalia¹, Nedeoglo Dumitru¹, Yilmazoglu Oktay², Hajo Ahid S.², Preu Sascha², Kuppers Franko³, Hartnagel Hans Ludwig²

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Integrare prin cercetare și inovare. Științe ale naturii și exacte

Nr. 5/3(269) / 2014 / ISSN 2587-4365 / ISSN 2587-4373

Disponibil online 13 January, 2022. Descarcări-3. Vizualizări-411

2019 - 1

Electron transport in the ZnMgO/ZnO quantum structures

Sirkeli Vadim¹, Vatavu Sergiu¹, Yilmazoglu Oktay², Preu Sascha², Hartnagel Hans Ludwig²

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Integrare prin cercetare și inovare. Științe ale naturii și exacte

Nr. 2(57) / 2008 / ISSN 1024-7696 / ISSN 2587-4322

Disponibil online 29 November, 2019. Descarcări-13. Vizualizări-730

2018 - 4

High-performance near-ultraviolet ZnSe-Based photodetectors with Cr/Au AND Ni/Au contacts

Kuppers Franko¹, Sirkeli Vadim¹², Yilmazoglu Oktay¹, Hajo Ahid S.¹, Nedeoglo Natalia², Nedeoglo Dumitru²

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Materials Science and Condensed Matter Physics

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

Disponibil online 8 February, 2019. Descarcări-10. Vizualizări-737

Internal quantum efficiency enhancement of InGaN/GaN LEDs with Mg-Si pin-doped GaN quantum barrier

Kuppers Franko¹, Sirkeli Vadim¹², Yilmazoglu Oktay¹, Al-Daffaie S.¹, Oprea I.¹, Ong Duusheng³

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Materials Science and Condensed Matter Physics

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Disponibil online 8 February, 2019. Descarcări-12. Vizualizări-771

Low-temperature near-band-edge photoluminescence of ZnSe(I):Sb crystals

Sirkeli Vadim¹, Sushkevich Konstantin¹, Nedeoglo Natalia¹, Nedeoglo Dumitru¹, Yilmazoglu Oktay², Kuppers Franko², Hartnagel Hans Ludwig²

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Materials Science and Condensed Matter Physics

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

Disponibil online 7 February, 2019. Descarcări-5. Vizualizări-931

Quantum electron transport in non-polar ZnMgO/ZnO structures

Sirkeli Vadim¹, Vatavu Sergiu², Yilmazoglu Oktay¹, Kuppers Franko¹, Hartnagel Hans Ludwig¹

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Materials Science and Condensed Matter Physics

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

Disponibil online 15 February, 2019. Descarcări-6. Vizualizări-807

2017 - 4

Effect of ge delta-doping of the Gan barrier on the performance of Ingan/Gan light-emitting diodes

Sirkeli Vadim¹, Yilmazoglu Oktay², Moskalenko Evgenii³, Kuppers Franko², Hartnagel Hans Ludwig²

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³ V.N.Karazin Kharkiv Natsonal University

Știință, educație, cultură

Nr. 3(67) / 2009 / ISSN 1810-9136

Disponibil online 4 March, 2019. Descarcări-6. Vizualizări-756

Efficiency enhancement of ingan/gan leds with mg-si co-doped gan quantum barrier

Sirkeli Vadim¹, Yilmazoglu Oktay², Kuppers Franko², Hartnagel Hans Ludwig²

¹ Universitatea de Stat din Comrat,

² Universitatea Tehnică, Darmstadt

Проблемы и вызовы экономики региона в условиях глобализации

Nr. 2(4) / 2005 / ISSN 1810-648X / ISSNе 2537-6365

Disponibil online 30 January, 2019. Descarcări-4. Vizualizări-937

Room-temperature negative differential resistance in Znse-based terahertz quantum cascade structures (invited paper)

Sirkeli Vadim¹, Yilmazoglu Oktay², Kuppers Franko², Hartnagel Hans Ludwig²

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² Technical University Darmstadt

Știință, educație, cultură

Nr. 3(67) / 2009 / ISSN 1810-9136

Disponibil online 4 March, 2019. Descarcări-3. Vizualizări-727

Room-Temperature THz Generation for II-VI Semiconductor Quantum Structures

Sirkeli Vadim^{1,2}, Yilmazoglu Oktay¹, Kuppers Franko¹, Hartnagel Hans Ludwig¹

¹ Technical University Darmstadt,

² Comrat State University

Multidisciplinarity in Modern Science for the Benefit of Society

Nr. 3(303) / 2007 / ISSN 1857-064X

Disponibil online 16 March, 2018. Descarcări-5. Vizualizări-685

2016 - 2

Effect of Si-doping of the GaN barrier on the internal quantum efficiency of InGaN/GaN light-emitting diodes

Sirkeli Vadim¹, Yilmazoglu Oktay¹, Al-Daffaie S.¹, Oprea I.¹, Ong Duu Sheng², Kuppers Franko¹, Hartnagel Hans Ludwig¹

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Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNе 2537-6365

Disponibil online 2 August, 2019. Descarcări-27. Vizualizări-672

Enhanced efficiency of p-GaN/n-ZnO light-emitting devices by inserting nickel oxide interlayer. (invited paper)

Sirkeli Vadim¹, Yilmazoglu Oktay², Kuppers Franko², Hartnagel Hans Ludwig²

¹ Comrat State University,

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Știință, educație, cultură

Nr. 1(38) / 2008 / ISSN 1582-6260

Disponibil online 12 October, 2021. Descarcări-1. Vizualizări-320

2015 - 1

Effect of N-ZNSE interlayer on internal quantum efficiency of P-GAN/N - ZNO led devices

Sirkeli Vadim¹²³, Yilmazoglu Oktay¹, Kuppers Franko¹, Hartnagel Hans Ludwig¹

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Știință, educație, cultura

Nr. 1 / 2015 / ISSN 1857-4149

Disponibil online 30 September, 2022. Descarcări-0. Vizualizări-221

2014 - 1

Effect of p-NiO interlayer on efficiency of p-GaN/n-ZnO LED devices

Sirkeli Vadim¹²³, Yilmazoglu Oktay¹, Kuppers Franko¹, Hartnagel Hans Ludwig¹

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Microelectronics and Computer ScienceThe 5th International Conference

Nr. 1(8) / 2009 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 11 April, 2019. Descarcări-0. Vizualizări-631

2013 - 1

Photoluminescence study of GaN thin films grown by MOCVD

Sirkeli Vadim¹²³, Biethan J.-P.², Cho Eunjung², Considine Laurence², Yilmazoglu Oktay², Pavlidis Dimitris²⁴, Hartnagel Hans Ludwig²

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Știință, educație, cultură

Nr. 2 / 2015 / ISSN 2345-1262 / ISSNe 2345-184X

Disponibil online 15 February, 2023. Descarcări-0. Vizualizări-191

2012 - 1

CPPP 13 P Magnetic and luminescent properties of ZnSe:Mn crystals

Sirkeli Vadim^{1,2}, Nedeoglo Dumitru¹, Nedeoglo Natalia¹, Radevici Ivan¹, Sobolevskaya Raisa¹, Sushkevich Konstantin¹, Lähderanta Erkki³, Lashkul Alexander V.³, Laiho Reino⁴, Biethan J.-P.⁵, Yilmazoglu Oktay⁶, Pavlidis Dimitris⁶, Hartnagel Hans Ludwig⁶

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Materials Science and Condensed Matter Physics

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