

---

---

Author Index 2021

---

---

Author Index 2021

A

- Akhtar M.S.** – see Belfennache D. *et al.* – 24 (4). P. 378-389.
- Algidsawi A.J.K.** *et al.* – Exploring the characteristics of SnO<sub>2</sub> nanoparticles doped organic blend for low cost nanoelectronics applications. – 24 (4). P. 472-477.
- Amar H.** *et al.* – Electrical characteristics study of heterojunction solar cells CdS/CIGS. – 24 (4). P. 457-465.
- Amir M.** – see Amar H. *et al.* – 24 (4). P. 457-465.
- Ayryan E.A.** – see Kovalchuk O.V. *et al.* – 24 (4). P. 413-418.
- Ayukhanov R.A.** – see Leiderman A.Yu. *et al.* – 24 (3). P. 248-254.

B

- Babes B.** – see Amar H. *et al.* – 24 (4). P. 457-465.
- Babilya M.I.** – see Bilanych V.S. *et al.* – 24 (4). P. 372-377.
- Bacherikov Yu.Yu.** *et al.* – Preparation of quaternary compounds Cu<sub>2</sub>ZnSnS<sub>4</sub> by using the self-propagating high-temperature synthesis. – 24 (3). P. 272-276.
- Bacherikov Yu.Yu.** *et al.* – The model of potential barrier appearing in a hydrolayer localized in a two-layer porous nanostructure. – 24 (3). P. 288-294.
- Bandarenka H.V.** – see Dan'ko V.A. *et al.* – 24 (1). P. 48-55.
- Belfennache D.** *et al.* – Thermal annealing ambience effect on phosphorus passivation and reactivation mechanisms in silicon-based Schottky diodes hydrogenated by MW-ECR plasma. – 24 (4). P. 378-389.
- Belic M.R.** – see Biswas A. *et al.* – 24 (4). P. 431-435; see Yildirim Y. *et al.* – 24 (1). P. 64-70; 24 (2). P. 160-165.
- Belous A.G.** – see Kostylyov V.P. *et al.* – 24 (3). P. 295-303.
- Belyaev A.E.** – see Naumov A.V. *et al.* – 24 (4). P. 407-412.
- Bhavsar K.** *et al.* – Numerical simulation of perovskite solar cell with different material as electron transport layer using SCAPS-1D software. – 24 (3). P. 341-347.
- Bilanych V.S.** *et al.* – Mechanical properties of superionic ceramics based on (Cu<sub>1-x</sub>Ag<sub>x</sub>)<sub>7</sub>GeSe<sub>5</sub>I solid solutions. – 24 (4). P. 372-377.
- Biswas A.** – see Yildirim Y. *et al.* – 24 (1). P. 64-70; 24 (2). P. 160-165.
- Biswas A.** *et al.* – Cubic-quartic optical soliton perturbation with Fokas–Lenells equation by semi-inverse variation. – 24 (4). P. 431-435.

- Biswas A.K.** – Measuring of an unknown voltage by using single electron transistor based voltmeter. – 24 (3). P. 277-287.
- Bogdanov E.I.** – see Molodkin V.B. *et al.* – 24 (1). P. 5-15.
- Boiko I.I.** – Kinetic equation having the integral scattering term with a linear form of external electrical and magnetic fields. – 24 (1). P. 34-42.
- Borblik V.L.** – Analytic theory for current-voltage characteristic of a nanowire radial *p-i-n* diode. – 24 (4). P. 419-424.
- Boyko V.V.** – see Melnichuk O.V. *et al.* – 24 (4). P. 390-398.
- Bozhko K.M.** – see Maslov V.P. *et al.* – 24 (4). P. 425-430.
- Bunchuk S.G.** – see Golenkov A.G. *et al.* – 24 (1). P. 90-99.
- Bushma A.V.** – see Hudz O.V. *et al.* – 24 (2). P. 227-233.
- Bykov O.I.** – see Kasumov A.M. *et al.* – 24 (2). P. 139-147.

C

- Chegel V.I.** – see Demydov P.V. *et al.* – 24 (3). P. 304-311.
- Chernenko V.V.** – see Sachenko A.V. *et al.* – 24 (2). P. 175-184; 24 (3). P. 319-327.

D

- Dakova A.** – see Biswas A. *et al.* – 24 (4). P. 431-435.
- Dan'ko V.A.** – see Indutnyi I.Z. *et al.* – 24 (4). P. 436-443.
- Dan'ko V.A.** *et al.* – Formation of laterally ordered arrays of noble metal nanocavities for SERS substrates by using interference photolithography. – 24 (1). P. 48-55.
- Danilov S.N.** – see Tsybrii Z.F. *et al.* – 24 (2). P. 185-191.
- Danylenko I.M.** – see Strelchuk V.V. *et al.* – 24 (3). P. 261-271.
- Demchyk I.I.** – see Molodkin V.B. *et al.* – 24 (1). P. 5-15.
- Demydov P.V.** *et al.* – The approaches for localized surface plasmon resonance wavelength position tuning. Short review. – 24 (3). P. 304-311.
- Dmitriev S.V.** – see Molodkin V.B. *et al.* – 24 (1). P. 5-15.
- Dobrovolsky V.N. – Generation of the current normal to the surface of antenna by electromagnetic waves and its application in the high responsive receiver. – 24 (1). P. 76-82.
- Dolgyi A.L.** – see Dan'ko V.A. *et al.* – 24 (1). P. 48-55.
- Doroshkevich N.V.** – see Bacherikov Yu.Yu. *et al.* – 24 (3). P. 272-276.
- Dubikovskiy O.V.** – see Kladko V.P. *et al.* – 24 (4). P. 362-371.

**Author Index 2021**

**Dudnyk A.O.** – see Hudz O.V. *et al.* – 24 (2). P. 227-233.

**Dukhnin S.E.** – see Golenkov A.G. *et al.* – 24 (1). P. 90-99.

**Dvernikov B.F.** – see Sachenko A.V. *et al.* – 24 (2). P. 175-184; 24 (3). P. 319-327.

**Dvoretiskii S.A.** – see Tsybrii Z.F. *et al.* – 24 (2). P. 185-191.

**E**

**Efremov O.O.** – see Kladko V.P. *et al.* – 24 (4). P. 362-371.

**Ekici M.** – see Biswas A. *et al.* – 24 (4). P. 431-435; see Yildirim Y. *et al.* – 24 (1). P. 64-70.

**Esenbaeva E.S.** – see Leiderman A.Yu. *et al.* – 24 (3). P. 248-254.

**Evstigneev M.A.** – see Sachenko A.V. *et al.* – 24 (2). P. 175-184; 24 (3). P. 319-327.

**F**

**Fedorenko A.V.** – see Maslov V.P. *et al.* – 24 (4). P. 425-430.

**Fedorenko A.V.** *et al.* – Investigation of Ge *p-i-n* photodetector as a part of pulsed laser rangefinder prototype. – 24 (1). P. 100-104.

**Fesenko O.M.** – see Gorishnyi M.P. *et al.* – 24 (2). P. 166-174.

**Filep M.J.** – see Studeniyak I.P. *et al.* – 24 (1). P. 26-33; 24 (2). P. 131-138; 24 (3). P. 241-247.

**G**

**Gareeva F.M.** – see Savchenko D.V. *et al.* – 24 (2). P. 124-130.

**Ghodbane H.** – see Amar H. *et al.* – 24 (4). P. 457-465.

**Gilchuk A.V.** – see Bacherikov Yu.Yu. *et al.* – 24 (3). P. 288-294.

**Golenkov A.G.** *et al.* – THz linear array scanner in application to the real-time imaging and convolutional neural network recognition. – 24 (1). P. 90-99.

**Goorin O.A.** – see Kupchenko L.F. *et al.* – 24 (2). P. 218-226.

**Goriachko A.M.** *et al.* – Nanostructured SiC as a promising material for the cold electron emitters. – 24 (4). P. 355-361.

**Gorishnyi M.P.** *et al.* – Characterization of second-order bands in Raman scattering spectra of lead phthalocyanine thin films. – 24 (2). P. 166-174.

**Goroneskul V.Yu.** – see Bacherikov Yu.Yu. *et al.* – 24 (3). P. 272-276; 24 (3). P. 288-294.

**Gudymenko O.Yo.** – see Kladko V.P. *et al.* – 24 (4). P. 362-371; see Maslov V.P. *et al.* – 24 (4). P. 425-430; see Molodkin V.B. *et al.* – 24 (1). P. 5-15.

**Gumenjuk-Sichevska J.V.** – see Tsybrii Z.F. *et al.* – 24 (2). P. 185-191.

**H**

**Habeeb M.A.** – see Algidsawi A.J.K. *et al.* – 24 (4). P. 472-477.

**Hadi A.** – see Algidsawi A.J.K. *et al.* – 24 (4). P. 472-477.

**Hamdoune A.** – see Kourdi Z. *et al.* – 24 (2). P. 210-217.

**Hardtdegen H.** – see Naumov A.V. *et al.* – 24 (4). P. 407-412.

**Hasan M.N.** – see Humayun M.A. *et al.* – 24 (4). P. 450-456.

**Hasbullah N.F.** – see Hedzir A.S. *et al.* – 24 (1). P. 83-89.

**Hashim A.** – see Algidsawi A.J.K. *et al.* – 24 (4). P. 472-477.

**Hedzir A.S.** *et al.* – A review of high ideality factor in gallium nitride-based light-emitting diode. – 24 (1). P. 83-89.

**Hinko B.I.** – see Molodkin V.B. *et al.* – 24 (1). P. 5-15.

**Holub B.L.** – see Hudz O.V. *et al.* – 24 (2). P. 227-233.

**Hudz O.V.** *et al.* – Optical sensor for the detection of mycotoxins. – 24 (2). P. 227-233.

**Hudzenko I.I.** – see Demydov P.V. *et al.* – 24 (3). P. 304-311.

**Humayun M.A.** *et al.* – Effect of optical fiber core diameter on Brillouin scattering loss. – 24 (4). P. 450-456.

**Hussain S.** *et al.* – Simulation analysis to optimize the performance of homojunction *p-i-n* In<sub>0.7</sub>Ga<sub>0.3</sub>N solar cell. – 24 (2). P. 192-199.

**I**

**Ievtushenko A.I.** – see Kasumov A.M. *et al.* – 24 (2). P. 139-147.

**Ilchenko S.G.** *et al.* – Optical bistability in reflection from multilayer metal-dielectric structure with Kerr nonlinearity. – 24 (1). P. 71-75.

**Iliev X.M.** – see Ismailov K.A. *et al.* – 24 (3). P. 255-260.

**Indutnyi I.Z.** – see Dan'ko V.A. *et al.* – 24 (1). P. 48-55.

**Indutnyi I.Z.** *et al.* – The effect of surface plasmon-polaritons on the photostimulated diffusion in light-sensitive Ag-As<sub>4</sub>Ge<sub>30</sub>S<sub>66</sub> structures. – 24 (4). P. 436-443.

**Ismailov K.A.** – see Saparniyazova Z.M. *et al.* – 24 (1). P. 22-25.

**Ismailov K.A.** *et al.* – Formation of complexes consisting of impurity Mn atoms and group VI elements in the crystal lattice of silicon. – 24 (3). P. 255-260.

**Ismaylov B.K.** – see Ismailov K.A. *et al.* – 24 (3). P. 255-260.

**Author Index 2021**

**Ivakhnenko S.O.** – see Strelchuk V.V. *et al.* – 24 (3). P. 261-271.

**J**

**Jóvári P.** – see Stronski A.V. *et al.* – 24 (3). P. 312-318.

**K**

**Kaban I.** – see Stronski A.V. *et al.* – 24 (3). P. 312-318.

**Kachur N.V.** – see Maslov V.P. *et al.* – 24 (4). P. 444-449.

**Kalabukhova E.N.** – see Savchenko D.V. *et al.* – 24 (2). P. 124-130.

**Kaliuzhnyi V.V.** – see Naumov A.V. *et al.* – 24 (4). P. 407-412.

**Kamalov Kh.U.** – see Saparniyazova Z.M. *et al.* – 24 (1). P. 22-25.

**Kara A.H.** – see Yildirim Y. *et al.* – 24 (1). P. 64-70.

**Karavaieva V.M.** – see Kasumov A.M. *et al.* – 24 (2). P. 139-147.

**Karlov V.D.** – see Kupchenko L.F. *et al.* – 24 (2). P. 218-226.

**Karpiuk A.D.** – see Hudz O.V. *et al.* – 24 (2). P. 227-233.

**Kasumov A.M.** *et al.* – Properties of nanosized ZnO:Ho films deposited using explosive evaporation. – 24 (2). P. 139-147.

**Kateb M.N.** – see Amar H. *et al.* – 24 (4). P. 457-465.

**Kavetskyi T.S.** – see Stronski A.V. *et al.* – 24 (3). P. 312-318.

**Khan S.** – see Yildirim Y. *et al.* – 24 (1). P. 64-70; 24 (2). P. 160-165; 24 (4). P. 431-435.

**Khaouani M.** – see Kourdi Z. *et al.* – 24 (2). P. 210-217.

**Khomenkova L.Yu.** – see Melnichuk O.V. *et al.* – 24 (4). P. 390-398.

**Kidalov V.V.** – see Bacherikov Yu.Yu. *et al.* – 24 (3). P. 272-276.

**Kladko V.P.** – see Maslov V.P. *et al.* – 24 (4). P. 425-430; see Melnichuk O.V. *et al.* – 24 (4). P. 390-398; see Molodkin V.B. *et al.* – 24 (1). P. 5-15.

**Kladko V.P.** *et al.* – Phase transition in vanadium oxide films formed by multistep deposition. – 24 (4). P. 362-371.

**Kobayashi H.** – see Humayun M.A. *et al.* – 24 (4). P. 450-456.

**Kökényesi S.** – see [Studeniyak I.P.](#) *et al.* – 24 (2). P. 131-138.

**Kokhan O.P.** – see [Studeniyak I.P.](#) – 24 (1). P. 26-33; 24 (2). P. 131-138; 24 (3). P. 241-247.

**Kolomys O.F.** – see Kasumov A.M. *et al.* – 24 (2). P. 139-147.

**Kolomzarov Yu.V.** – see Kornaga V.I. *et al.* – 24 (2). P. 200-209.

**Kondratenko O.S.** – see Mamykin S.V. *et al.* – 24 (2). P. 148-153.

**Kopčanský P.** – see Kovalchuk O.V. *et al.* – 24 (2). P. 154-159; 24 (4). P. 413-418; see [Studeniyak I.P.](#) *et al.* – 24 (1). P. 26-33; 24 (3). P. 241-247.

**Korinets S.V.** – see Golenkov A.G. *et al.* – 24 (1). P. 90-99.

**Korkishko R.M.** – see Kornaga V.I. *et al.* – 24 (2). P. 200-209; see Sachenko A.V. *et al.* – 24 (2). P. 175-184; 24 (3). P. 319-327.

**Kornaga V.I.** *et al.* – Intelligence system for monitoring and governing the energy efficiency of solar panels to power LED luminaires. – 24 (2). P. 200-209.

**Korotkov K.A.** – see Kasumov A.M. *et al.* – 24 (2). P. 139-147.

**Korovska D.M.** – see Bilanych V.S. *et al.* – 24 (4). P. 372-377.

**Korsunskaya N.O.** – see Melnichuk O.V. *et al.* – 24 (4). P. 390-398.

**Korychev S.F.** – see Kasumov A.M. *et al.* – 24 (2). P. 139-147.

**Kostilyov V.P.** – see Kornaga V.I. *et al.* – 24 (2). P. 200-209; see Sachenko A.V. *et al.* – 24 (2). P. 175-184; 24 (3). P. 319-327.

**Kostilyov V.P.** *et al.* – Influence of the reagents' ratio on photoelectric and optical properties of perovskite films for photovoltaics. – 24 (3). P. 295-303.

**Kosulya O.V.** – see Kladko V.P. *et al.* – 24 (4). P. 362-371.

**Kotovskyi V.Yo.** – see Kovalchuk O.V. *et al.* – 24 (2). P. 154-159.

**Kourdi Z.** *et al.* – New thermal small-signal model for FP-HEMT used in satellite communication application. – 24 (2). P. 210-217.

**Kovalchuk O.V.** *et al.* – Influence of magnetic nanoparticles on dielectric properties of Shell oil transformer oil. – 24 (2). P. 154-159.

**Kovalchuk O.V.** *et al.* – Dielectric properties of Shell transformer oil with impurities of carbon nanotubes and fullerene C<sub>60</sub> – 24 (4). P. 413-418.

**Kovalchuk T.M.** – see Kovalchuk O.V. *et al.* – 24 (2). P. 154-159; 24 (4). P. 413-418.

**Kovalenko T.V.** – see Strelchuk V.V. *et al.* – 24 (3). P. 261-271.

**Kovbasa M.Yu.** – see Golenkov A.G. *et al.* – 24 (1). P. 90-99.

**Kranjčec M.** – see Bilanych V.S. *et al.* – 24 (4). P. 372-377.

**Kudin V.G.** *et al.* – Surface structure of Gd<sub>20</sub>Co<sub>80</sub> alloy. – 24 (1). P. 56-63.

**Kulbachynskiy O.A.** – see Kladko V.P. *et al.* – 24 (4). P. 362-371.

**Kupchenko L.F.** *et al.* – Active electro-optical system of targets detection with dynamic spectral processing of optical radiation. – 24 (2). P. 218-226.

**Author Index 2021**

- Kuwana A.** – see Humayun M.A. *et al.* – 24 (4). P. 450-456.  
**Kuz O.P.** – see Savchenko D.V. *et al.* – 24 (2). P. 124-130.  
**Kysil D.V.** – see Savchenko D.V. *et al.* – 24 (2). P. 124-130.

**L**

- Lapsiwala P.B.** – see Bhavsar K. *et al.* – 24 (3). P. 341-347.  
**Latreche A.** – Modified expressions of field and thermionic-field emission for Schottky barrier diodes in the reverse regime. – 24 (1). P. 16-21.  
**Lawrence M.** – see Pratheepa M.I. *et al.* – 24 (2). P. 115-123.  
**Leiderman A.Yu.** *et al.* – Non-recombination injection mode. – 24 (3). P. 248-254.  
**Liubchenko O.I.** – see Kladko V.P. *et al.* – 24 (4). P. 362-371.  
**Lizunov V.V.** – see Molodkin V.B. *et al.* – 24 (1). P. 5-15.  
**Lopatynskiy A.M.** – see Demydov P.V. *et al.* – 24 (3). P. 304-311.  
**Lukaniuk M.V.** – see Dan’ko V.A. *et al.* – 24 (1). P. 48-55.  
**Lunko T.S.** – see Mamykin S.V. *et al.* – 24 (2). P. 148-153.  
**Lymarenko R.A.** – see Ilchenko S.G. *et al.* – 24 (1). P. 71-75.  
**Lysiuk I.O.** – see Golenkov A.G. *et al.* – 24 (1). P. 90-99.  
**Lytvyn P.M.** – see Dan’ko V.A. *et al.* – 24 (1). P. 48-55; see Indutnyi I.Z. *et al.* – 24 (4). P. 436-443; see Kladko V.P. *et al.* – 24 (4). P. 362-371; see Strelchuk V.V. *et al.* – 24 (3). P. 261-271.  
**Lyubchik A.I.** – see Bacherikov Yu.Yu. *et al.* – 24 (3). P. 288-294.

**M**

- Madi D.** – see Belfennache D. *et al.* – 24 (4). P. 378-389.  
**Maksimenko Z.V.** – see Kladko V.P. *et al.* – 24 (4). P. 362-371.  
**Malakhovska T.O.** – see Studeniyak I.P. *et al.* – 24 (2). P. 131-138.  
**Malyuta S.V.** – see Strelchuk V.V. *et al.* – 24 (3). P. 261-271.  
**Mamontova I.B.** – see Mamykin S.V. *et al.* – 24 (2). P. 148-153.  
**Mamykin S.V. et al.** – Fabrication and conductivity of thin PEDOT:PSS-CNT composite films. – 24 (2). P. 148-153.  
**Maouche N.** – see Belfennache D. *et al.* – 24 (4). P. 378-389.  
**Markevich I.V.** – see Melnichuk O.V. *et al.* – 24 (4). P. 390-398.

- Maslov V.P.** – see Fedorenko A.V. *et al.* – 24 (1). P. 100-104.  
**Maslov V.P. et al.** – Features of thermal radiation of one-dimensional photonic structures on an absorbing substrate. – 24 (4). P. 444-449.  
**Maslov V.P. et al.** – Structure and electrical resistance of the passivating ZnSe layer on Ge. – 24 (4). P. 425-430.  
**Melezhik E.O.** – see Tsybrii Z.F. *et al.* – 24 (2). P. 185-191.  
**Melnichuk L.Yu.** – see Melnichuk O.V. *et al.* – 24 (4). P. 390-398.  
**Melnichuk O.V. et al.** – Peculiarities of specular infrared reflection spectra of ZnO-based ceramics. – 24 (4). P. 390-398.  
**Melnik V.P.** – see Kladko V.P. *et al.* – 24 (4). P. 362-371.  
**Memon V.S.** – see Savchenko D.V. *et al.* – 24 (2). P. 124-130.  
**Mikhailov N.N.** – see Tsybrii Z.F. *et al.* – 24 (2). P. 185-191.  
**Milenin G.V. et al.** – Influence of the near-surface regions of the space charge in semiconductor crystals on defect transformation stimulated by action of magnetic fields. – 24 (1). P. 43-47.  
**Mirzayev M.N.** – see Bacherikov Yu.Yu. *et al.* – 24 (3). P. 272-276.  
**Mishra C.S.** – see Mohanty S.P. *et al.* – 24 (3). P. 335-340.  
**Mohanty S.P. et al.** – Realization of 3D reflectors by using metal-air and semiconductor-air based photonic structures at three communication windows. – 24 (3). P. 335-340.  
**Molodkin V.B. et al.** – New possibilities for phase-variation structural diagnostics of multiparametrical monocrystalline systems with defects. – 24 (1). P. 5-15.  
**Moraru L.** – see Biswas A. *et al.* – 24 (4). P. 431-435.  
**Morozhenko V.O.** – see Maslov V.P. *et al.* – 24 (4). P. 444-449.  
**Mynko V.I.** – see Dan’ko V.A. *et al.* – 24 (1). P. 48-55; see Indutnyi I.Z. *et al.* – 24 (4). P. 436-443.

**N**

- Nagabhushana B.S.** – see Shashikala B.N. *et al.* – 24 (4). P. 399-406.  
**Naumov A.V. et al.** – Electron transport in AlGaIn/GaN HEMT-like nanowires: Effect of depletion and UV excitation. – 24 (4). P. 407-412.  
**Nesterenko O.B.** – see Kovalchuk O.V. *et al.* – 24 (2). P. 154-159.  
**Nikolaenko Yu.E.** – see Kornaga V.I. *et al.* – 24 (2). P. 200-209.  
**Nikolenko A.S.** – see Strelchuk V.V. *et al.* – 24 (3). P. 261-271.  
**Nizkova A.I.** – see Molodkin V.B. *et al.* – 24 (1). P. 5-15.

**Author Index 2021**

**O**

- Okhrimenko O.B.** – see Bacherikov Yu.Yu. *et al.* – 24 (3). P. 272-276; 24 (3). P. 288-294.  
**Olikhovskii S.I.** – see Molodkin V.B. *et al.* – 24 (1). P. 5-15.

**P**

- Palai G.** – see Mohanty S.P. *et al.* – 24 (3). P. 335-340.  
**Panda A.** – see Mohanty S.P. *et al.* – 24 (3). P. 335-340.  
**Parekh K.** – see Kovalchuk O.V. *et al.* – 24 (2). P. 154-159.  
**Paulovičová K.** – see Kovalchuk O.V. *et al.* – 24 (2). P. 154-159; 24 (4). P. 413-418.  
**Pekur D.V.** – see Kornaga V.I. *et al.* – 24 (2). P. 200-209.  
**Pogodin A.I.** – see Bilanych V.S. *et al.* – 24 (4). P. 372-377; see **Studeniyak I.P.** *et al.* – 24 (1). P. 26-33; 24 (2). P. 131-138; 24 (3). P. 241-247.  
**Polishchuk Yu.O.** – see Melnichuk O.V. *et al.* – 24 (4). P. 390-398.  
**Ponomar A.V.** – see Kupchenko L.F. *et al.* – 24 (2). P. 218-226.  
**Ponomarenko V.V.** – see Bacherikov Yu.Yu. *et al.* – 24 (3). P. 288-294.  
**Popovych M.V.** – see Stronski A.V. *et al.* – 24 (3). P. 312-318.  
**Pratheepa M.I.** *et al.* – Conversion of *Lagenaria Siceraria* peel to reduced graphene oxide doped with zinc oxide nanoparticles for supercapacitor applications. – 24 (2). P. 115-123.  
**Proadhan Md.T.** – see Hussain S. *et al.* – 24 (2). P. 192-199.  
**Pyliavskiy V.V.** – Influence of spectral characteristics inherent to cameras on color rendering in the multimedia images. – 24 (3). P. 328-334.

**R**

- Rahman Md.M.** – see Hussain S. *et al.* – 24 (2). P. 192-199.  
**Rashid M.A.** – see Humayun M.A. *et al.* – 24 (4). P. 450-456.  
**Rauane A.** – see Amar H. *et al.* – 24 (4). P. 457-465.  
**Redko R.A.** – see Milenin G.V. *et al.* – 24 (1). P. 43-47.  
**Redko S.V.** – see Dan'ko V.A. *et al.* – 24 (1). P. 48-55.  
**Reva V.P.** – see Golenkov A.G. *et al.* – 24 (1). P. 90-99.  
**Revutska L.O.** – see Stronski A.V. *et al.* – 24 (3). P. 312-318.  
**Romanyuk B.M.** – see Kladko V.P. *et al.* – 24 (4). P. 362-371.  
**Romanyuk V.R.** – see Mamykin S.V. *et al.* – 24 (2). P. 148-153.

- Rozouvan S.G.** – see Kudin V.G. *et al.* – 24 (1). P. 56-63.  
**Rusavsky A.V.** – see Savchenko D.V. *et al.* – 24 (2). P. 124-130.  
**Rybiak A.S.** – see Kupchenko L.F. *et al.* – 24 (2). P. 218-226.

**S**

- Sabov T.M.** – see Kladko V.P. *et al.* – 24 (4). P. 362-371.  
**Sachenko A.V.** – see Kostylyov V.P. *et al.* – 24 (3). P. 295-303.  
**Sachenko A.V.** *et al.* – Key parameters of textured silicon solar cells of 26.6% photoconversion efficiency. – 24 (2). P. 175-184.  
**Sachenko A.V.** *et al.* – Simulation and characterization of planar high-efficiency back contact silicon solar cells. – 24 (3). P. 319-327.  
**Sahoo S.K.** – see Mohanty S.P. *et al.* – 24 (3). P. 335-340.  
**Saparniyazova Z.M.** *et al.* – Effect of the diffusion temperature on interaction of clusters with impurity atoms in silicon. – 24 (1). P. 22-25.  
**Savchenko D.V.** *et al.* – EPR study of paramagnetic centers in SiO<sub>2</sub>:C:Zn nanocomposites obtained by infiltration of fumed silica with luminescent Zn(acac)<sub>2</sub> solution. – 24 (2). P. 124-130.  
**Sergienko V.P.** – see Stronski A.V. *et al.* – 24 (3). P. 312-318.  
**Shashikala B.N.** *et al.* – Reduction of reverse leakage current at the TiO<sub>2</sub>/GaN interface in field plate Ni/Au/n-GaN Schottky diodes. – 24 (4). P. 399-406.  
**Shender I.A.** – see Bilanych V.S. *et al.* – 24 (4). P. 372-377; see **Studeniyak I.P.** *et al.* – 24 (3). P. 241-247.  
**Shevchik-Shekera A.V.** – see Golenkov A.G. *et al.* – 24 (1). P. 90-99.  
**Shkrebtiy A.I.** – see Kostylyov V.P. *et al.* – 24 (3). P. 295-303.  
**Shportko K.V.** – see Stronski A.V. *et al.* – 24 (3). P. 312-318.  
**Sizov F.F.** – see Golenkov A.G. *et al.* – 24 (1). P. 90-99; see Tsybrii Z.F. *et al.* – 24 (2). P. 185-191.  
**Sokolovskiy I.O.** – see Kostylyov V.P. *et al.* – 24 (3). P. 295-303; see Sachenko A.V. *et al.* – 24 (2). P. 175-184; 24 (3). P. 319-327.  
**Sopinsky M.V.** – see Indutnyi I.Z. *et al.* – 24 (4). P. 436-443.  
**Sorokin V.M.** – see Kornaga V.I. *et al.* – 24 (2). P. 200-209.  
**Staschuk V.S.** – see Kudin V.G. *et al.* – 24 (1). P. 56-63.  
**Storizhko V.Yu.** – see Molodkin V.B. *et al.* – 24 (1). P. 5-15.  
**Strelchuk V.V.** – see Kasumov A.M. *et al.* – 24 (2). P. 139-147.

**Author Index 2021**

- Strelchuk V.V. et al.** – Growth-sector dependence of morphological, structural and optical features in boron-doped HPHT diamond crystals. – 24 (3). P. 261-271.
- Strikha M.V.** – see Goriachko A.M. *et al.* – 24 (4). P. 355-361.
- Stronski A.V. et al.** – The boson peak and the first sharp diffraction peak in  $(As_2S_3)_x(GeS_2)_{1-x}$  glasses. – 24 (3). P. 312-318.
- Studeniyak I.P.** – see Bilanych V.S. *et al.* – 24 (4). P. 372-377; see Kovalchuk O.V. *et al.* – 24 (2). P. 154-159; 24 (4). P. 413-418.
- Studeniyak I.P. et al.** – Crystal structure and electrical properties of  $Ag_6PS_5I$  single crystal. – 24 (1). P. 26-33.
- Studeniyak I.P. et al.** – Influence of cation substitution on electrical conductivity of microcrystalline ceramics based on  $(Cu_{1-x}Ag_x)_7GeSe_5I$  solid solutions. – 24 (2). P. 131-138.
- Studeniyak I.P. et al.** – Electrical properties of cation-substituted  $Ag_7(Si_{1-x}Ge_x)S_5I$  single crystals. – 24 (3). P. 241-247.
- Studeniyak V.I.** – see Bilanych V.S. *et al.* – 24 (4). P. 372-377; see Studeniyak I.P. *et al.* – 24 (2). P. 131-138.
- Sukach A.V.** – see Tetyorkin V.V. *et al.* – 24 (4). P. 466-471.
- Symkanych O.I.** – see Studeniyak I.P. *et al.* – 24 (1). P. 26-33.

**T**

- Takats V.** – see Studeniyak I.P. *et al.* – 24 (2). P. 131-138.
- Taranenko V.B.** – see Ilchenko S.G. *et al.* – 24 (1). P. 71-75.
- Tetyorkin V.V. et al.** – Dark current and 1/f noise in forward biased InAs photodiodes. – 24 (4). P. 466-471.
- Timko M.** – see Kovalchuk O.V. *et al.* – 24 (2). P. 154-159; 24 (4). P. 413-418; see Studeniyak I.P. *et al.* – 24 (1). P. 26-33.
- Tkachuk A.I.** – see Tetyorkin V.V. *et al.* – 24 (4). P. 466-471.
- Tolmachev M.G.** – see Molodkin V.B. *et al.* – 24 (1). P. 5-15.
- Torchyniuk P.V.** – see Kostylyov V.P. *et al.* – 24 (3). P. 295-303.
- Toukal L.** – see Belfennache D. *et al.* – 24 (4). P. 378-389.
- Tsybrii Z.F.** – see Melnichuk O.V. *et al.* – 24 (4). P. 390-398.
- Tsybrii Z.F. et al.** – Spintronics phenomena induced by THz radiation in narrow-gap HgCdTe thin films in an external constant electric field. – 24 (2). P. 185-191.
- Turmanova R.M.** – see Leiderman A.Yu. *et al.* – 24 (3). P. 248-254.

- Tursunov M.O.** – see Ismailov K.A. *et al.* – 24 (3). P. 255-260.
- Tytov S.K.** – see Bacherikov Yu.Yu. *et al.* – 24 (3). P. 288-294.

**U**

- Upadhyay R.V.** – see Kovalchuk O.V. *et al.* – 24 (2). P. 154-159.
- Uteniyazov A.K.** – see Saparniyazova Z.M. *et al.* – 24 (1). P. 22-25; Leiderman A.Yu. *et al.* – 24 (3). P. 248-254.

**V**

- V'yunov O.I.** – see Kostylyov V.P. *et al.* – 24 (3). P. 295-303.
- Vasin A.V.** – see Savchenko D.V. *et al.* – 24 (2). P. 124-130.
- Venger Ye.F.** – see Melnichuk O.V. *et al.* – 24 (4). P. 390-398.
- Vitusevich S.A.** – see Naumov A.V. *et al.* – 24 (4). P. 407-412.
- Vlasiuk V.M.** – see Kostylyov V.P. *et al.* – 24 (3). P. 295-303; see Sachenko A.V. *et al.* – 24 (2). P. 175-184; 24 (3). P. 319-327.
- Vorona I.O.** – see Fedorenko A.V. *et al.* – 24 (1). P. 100-104.
- Vuichyk M.V.** – see Golenkov A.G. *et al.* – 24 (1). P. 90-99.

**Y**

- Yekhleif R.** – see Belfennache D. *et al.* – 24 (4). P. 378-389.
- Yildirim Y. et al.** – Embedded solitons with  $\chi^{(2)}$  and  $\chi^{(3)}$  nonlinear susceptibilities. – 24 (2). P. 160-165.
- Yildirim Y. et al.** – Optical soliton perturbation and conservation law with Kudryashov's refractive index having quadrupled power-law and dual form of generalized nonlocal nonlinearity. – 24 (1). P. 64-70.
- Yukhymchuk V.O.** – see Kasumov A.M. *et al.* – 24 (2). P. 139-147.

**Z**

- Zahornyi M.M.** – see Kasumov A.M. *et al.* – 24 (2). P. 139-147.
- Zahra S.** – see Belfennache D. *et al.* – 24 (4). P. 378-389.
- Zashchepkina N.M.** – see Maslov V.P. *et al.* – 24 (4). P. 425-430.
- Zhuk A.G.** – see Bacherikov Yu.Yu. *et al.* – 24 (3). P. 272-276.
- Zidane M.A.** – see Amar H. *et al.* – 24 (4). P. 457-465.