

Author Index 2020

A

- Abargues R.** – see Chegel V.I. *et al.* – 23 (4). P. 431-436.
Aleksiy V.V. – see Lazur V.Yu. *et al.* – 23 (2). P. 119-128.
Altay E. – see Rudko G.Yu. *et al.* – 23 (2). P. 193-200.
Andrieiev O.V. et al. – Studying optical characteristics of aviation fuels samples stored under various conditions. – 23 (2). P. 214-219.
Andriyevsky B. – see Ilchuk H.A. *et al.* – 23 (4). P. 355-360.
Ayukhanov R.A. – see Uteniyazov A.K. *et al.* – 23 (4). P. 339-345.

B

- Bacherikov Yu.Yu. et al.** – Influence of microwave radiation on relaxation processes in silicon carbide. – 23 (2). P. 175-179.
Bacherikov Yu.Yu. et al. – Comparative characteristics of $\text{TiO}_2(\text{Er}_2\text{O}_3, \text{Dy}_2\text{O}_3)/\text{por-SiC}/\text{SiC}$ heterostructures (Review). – 23 (3). P. 253-259.
Bakhadyrkhanov M.K. et al. – Influence of electrically neutral nickel atoms on electrical and recombination parameters of silicon. – 23 (4). P. 361-365.
Bariakhtar I.V. – see Morozhenko V.O. *et al.* – 23 (4). P. 400-407.
Bendak A.V. et al. – Influence of cation substitution on mechanical properties of $(\text{Cu}_{1-x}\text{Ag}_x)_7\text{GeSe}_5\text{I}$ mixed crystals and composites on their base. – 23 (1). P. 37-40.
Bendziak A.V. – see Fitio V.M. *et al.* – 23 (2). P. 168-174.
Bereznyuk S.M. – see Studenyak I.P. *et al.* – 23 (2). P. 186-192.
Bereznyuk S.M. – see Studenyak I.P. *et al.* – 23 (3). P. 260-266.
Bilanych V.S. – see Bendak A.V. *et al.* – 23 (1). P. 37-40.
Biliuk A.A. et al. – Width of the surface plasmon resonance line in spherical metal nanoparticles. – 23 (3). P. 308-315.
Bobitski Ya.V. – see Fitio V.M. *et al.* – 23 (2). P. 168-174.
Boruk O.S. – see Kapush O.A. *et al.* – 23 (2). P. 160-167.
Boruk S.D. – see Kapush O.A. *et al.* – 23 (2). P. 160-167.
Budzulyak S.I. – see Kapush O.A. *et al.* – 23 (2). P. 160-167.
Bushma A.V. et al. – Software controlling the LED bar graph displays. – 23 (3). P. 329-335.

C

- Chegel V.I. et al.** – Localized surface plasmon resonance nanochips with molecularly imprinted polymer coating for explosives sensing. – 23 (4). P. 431-436.
Chuprina N.G. – see Davidenko N.A. *et al.* – 23 (1). P. 81-84.
Chuprina N.G. – see Davidenko N.A. *et al.* – 23 (3). P. 323-328.

D

- Dan'ko V.A.** – see Khomchenko V.S. *et al.* – 23 (1). P. 5-28.
Davidenko I.I. – see Davidenko N.A. *et al.* – 23 (1). P. 81-84.
Davidenko I.I. – see Davidenko N.A. *et al.* – 23 (3). P. 323-328.
Davidenko N.A. et al. – Polarization holography in azobenzene polymeric films prepared using the new chemical method. – 23 (3). P. 323-328.
Davidenko N.A. et al. – New material based on polyurethane doped with azobenzene dyes in recording media for dynamic polarization holography. – 23 (1). P. 81-84.
Deibuk V.G. et al. – Fidelity of noisy multiple-control reversible gates. – 23 (4). P. 385-392.
Demydov P.V. – see Chegel V.I. *et al.* – 23 (4). P. 431-436.
Dorozinska H.V. – see Andrieiev O.V. *et al.* – 23 (2). P. 214-219.
Dorozinska H.V. – see Granchak V.M. *et al.* – 23 (4). P. 393-399.
Dorozinsky G.V. – see Andrieiev O.V. *et al.* – 23 (2). P. 214-219.
Dorozinsky G.V. – see Granchak V.M. *et al.* – 23 (4). P. 393-399.
Dzhagan V.M. – see Kapush O.A. *et al.* – 23 (2). P. 160-167.

E

- Eren T.** – see Rudko G.Yu. *et al.* – 23 (2). P. 193-200.
Esenbaeva E.S. – see Uteniyazov A.K. *et al.* – 23 (4). P. 339-345.

F

- Fedulov V.V.** – see Verbitskiy V.G. *et al.* – 23 (4). P. 379-384.
Filep M.J. – see Studenyak I.P. *et al.* – 23 (3). P. 260-266.

Author Index 2020

Fitio V.M. et al. – Features of planar metal/dielectric nanowaveguides. – 23 (2). P. 168-174.

G

- Gadea E.A.** – see Chegel V.I. *et al.* – 23 (4). P. 431-436.
- Gafurova M.V.** – see Uteniyazov A.K. *et al.* – 23 (4). P. 339-345.
- Gonchar A.N.** – see Davidenko N.A. *et al.* – 23 (1). P. 81-84.
- Goroneskul V.Yu.** – see Bacherikov Yu.Yu. *et al.* – 23 (2). P. 175-179.
- Granchak V.M. et al.** – Studying the polymerization efficiency of photosensitive compositions by using the surface plasmon resonance method. – 23 (4). P. 393-399.
- Grančič B.** – see Studenyak I.P. *et al.* – 23 (2). P. 186-192.
- Gridina N.Ya. et al.** – Application of surface plasmon resonance phenomenon for early detection and determination of the drug concentration for treating the relapses of malignant tumors. – 23 (1). P. 85-90.
- Gudymenko O.Yo.** – see Bacherikov Yu.Yu. *et al.* – 23 (2). P. 175-179.
- Gule E.G.** – see Rudko G.Yu. *et al.* – 23 (2). P. 193-200.

H

- Hatilov S.E.** – see Kapush O.A. *et al.* – 23 (2). P. 160-167.
- Havryliuk O.O.** – see Biliuk A.A. *et al.* – 23 (3). P. 308-315.
- Hnatič M.** – see Lazur V.Yu. *et al.* – 23 (2). P. 119-128.
- Hussain S. et al.** – Modeling of $\text{In}_{0.17}\text{Ga}_{0.83}\text{N}/\text{In}_x\text{Ga}_{1-x}\text{N}/\text{Al}_y\text{Ga}_{1-y}\text{N}$ light emitting diode structure on ScAlMgO_4 (0001) substrate for high intensity red emission. – 23 (4). P. 408-414.

I

- Ilchuk H.A. et al.** – Elastic properties of $\text{CdTe}_{1-x}\text{Se}_x$ ($x = 1/16$) solid solution: First principles study. – 23 (4). P. 355-360.
- Isaieva O.F.** – see Rudko G.Yu. *et al.* – 23 (2). P. 193-200.
- Ishchenko S.S.** – see Vorona I.P. *et al.* – 23 (1). P. 60-65.
- Ismailov K.A.** – see Bakhadyrkanov M.K. *et al.* – 23 (4). P. 361-365.
- Ismaylov B.K.** – see Bakhadyrkanov M.K. *et al.* – 23 (4). P. 361-365.

J

Jarucha Nawarut et al. – Studying the properties of $\text{Gd}_2\text{O}_3\text{-WO}_3\text{-CaO-SiO}_2\text{-B}_2\text{O}_3$ glasses doped with Tb^{3+} . – 23 (3). P. 276-281.

K

- Kachur N.V.** – see Andrieiev O.V. *et al.* – 23 (2). P. 214-219.
- Kachur N.V.** – see Granchak V.M. *et al.* – 23 (4). P. 393-399.
- Kachur N.V.** – see Morozhenko V.O. *et al.* – 23 (4). P. 400-407.
- Kaewkhao Jakrapong** – see Jarucha Nawarut *et al.* – 23 (3). P. 276-281.
- Kalchenko V.I.** – see Kazantseva Z.I. *et al.* – 23 (1). P. 41-45.
- Kalistyi G.V.** – see Verbitskiy V.G. *et al.* – 23 (4). P. 379-384.
- Kapush O.A.** – Conversion semiconductor LED. – 23 (1). P. 110.
- Kapush O.A. et al.** – Effect of the nature of dispersion medium on the CdTe/TGA nanocrystal formation in colloidal solutions and polymeric membranes. – 23 (2). P. 160-167.
- Karachevtseva L.A.** – see Onyshchenko V.F. *et al.* – 23 (1). P. 29-36.
- Karachevtseva L.A. et al.** – High-coherent oscillations in IR spectra of macroporous silicon with nanocoatings. – 23 (3). P. 316-322.
- Kashirina N.I. et al.** – Energy of interaction between polarons and spatial configuration of bipolaron in two-dimensional systems. – 23 (3). P. 282-289.
- Kashuba A.I.** – see Ilchuk H.A. *et al.* – 23 (4). P. 355-360.
- Kashyrina Ya.O.** – see Kashirina N.I. *et al.* – 23 (3). P. 282-289.
- Katanytsia A.F.** – see Nebola I.I. *et al.* – 23 (4). P. 366-371.
- Kazantseva Z.I. et al.** – Sensory features of thiacalix[4]arene molecules towards volatile haloaromatic compounds. – 23 (1). P. 41-45.
- Kharchenko S.G.** – see Kazantseva Z.I. *et al.* – 23 (1). P. 41-45.
- Khomchenko V.S. et al.** – Doping the thin films by using the original Close Space Sublimation method. – 23 (1). P. 5-28.
- Kladko V.P.** – see Bacherikov Yu.Yu. *et al.* – 23 (2). P. 175-179.
- Kokhan O.P.** – see Studenyak I.P. *et al.* – 23 (2). P. 186-192.
- Kokhan O.P.** – see Studenyak I.P. *et al.* – 23 (3). P. 260-266.

Author Index 2020

- Kolomys O.F.** – see Bacherikov Yu.Yu. *et al.* – 23 (2). P. 175-179.
- Konakova R.V.** – see Bacherikov Yu.Yu. *et al.* – 23 (3). P. 253-259.
- Konoreva O.V.** – see Vernydub R.M. *et al.* – 23 (2). P. 201-207.
- Kopčanský P.** – see Poberezhets S.I. *et al.* – 23 (2). P. 129-135.
- Kopčanský P.** – see Studenyak I.P. *et al.* – 23 (3). P. 260-266.
- Kopčanský P.** – see Vovk V.E. *et al.* – 23 (2). P. 146-154.
- Kopčanský P.** – see Nebola I.I. *et al.* – 23 (4). P. 366-371.
- Korbutiak D.V.** – see Kapush O.A. *et al.* – 23 (2). P. 160-167.
- Korbutyak D.V.** – see Ilchuk H.A. *et al.* – 23 (4). P. 355-360.
- Korbutyak D.V.** – see Kupchak I.M. *et al.* – 23 (1). P. 66-70.
- Korol O.A.** – see Kashirina N.I. *et al.* – 23 (3). P. 282-289.
- Koshets I.A.** – see Kazantseva Z.I. *et al.* – 23 (1). P. 41-45.
- Kosinov O.G.** – see Kapush O.A. *et al.* – 23 (2). P. 160-167.
- Kostlyov V.P.** – see Kulish M.R. *et al.* – 23 (2). P. 155-159.
- Kostlyov V.P.** – see Pekur D.V. *et al.* – 23 (4). P. 415-423.
- Kotovskiy V.Yo.** – see Kovalchuk O.V. *et al.* – 23 (4). P. 372-378.
- Kovalchuk O.V.** – see Poberezhets S.I. *et al.* – 23 (2). P. 129-135.
- Kovalchuk O.V.** – see Vovk V.E. *et al.* – 23 (2). P. 146-154.
- Kovalchuk O.V.** *et al.* – Features of dielectric properties of medical thermal indicators based on dispersions of cholesteric liquid crystals in the polymer matrix. – 23 (4). P. 372-378.
- Kovalchuk T.M.** – see Kovalchuk O.V. *et al.* – 23 (4). P. 372-378.
- Kovalchuk T.M.** – see Poberezhets S.I. *et al.* – 23 (2). P. 129-135.
- Kovalchuk T.M.** – see Vovk V.E. *et al.* – 23 (2). P. 146-154.
- Kranjčec M.** – see Bendak A.V. *et al.* – 23 (1). P. 37-40.
- Kravchenko V.V.** – see Davidenko N.A. *et al.* – 23 (3). P. 323-328.
- Kremenetskaya Y.A.** *et al.* – Structural optimization of optoelectronic components in millimeter-wave radio-transmitting modules. – 23 (4). P. 424-430.
- Krishchenko I.M.** – see Bacherikov Yu.Yu. *et al.* – 23 (2). P. 175-179.
- Kudryavtsev O.O.** – see Granchak V.M. *et al.* – 23 (4). P. 393-399.
- Kulchytsky B.N.** – see Kapush O.A. *et al.* – 23 (2). P. 160-167.
- Kulish M.R.** *et al.* – Influence of the quantum dots bandgap and their dispersion on the loss of luminescent quanta. – 23 (2). P. 155-159.
- Kupchak I.M.** – see Ilchuk H.A. *et al.* – 23 (4). P. 355-360.
- Kupchak I.M.** *et al.* – Metal vacancies in $Cd_{1-x}Zn_xS$ quantum dots. – 23 (1). P. 66-70.
- Kúš P.** – see Studenyak I.P. *et al.* – 23 (2). P. 186-192.
- Kyrylenko O.I.** – see Vernydub R.M. *et al.* – 23 (2). P. 201-207.

L

- Lacková V.** – see Poberezhets S.I. *et al.* – 23 (2). P. 129-135.
- Larin V.J.** – see Andrieiev O.V. *et al.* – 23 (2). P. 214-219.
- Latreche A.** – Determination of temperature dependence of electron effective mass in 4H-SiC from reverse current-voltage characteristics of 4H-SiC Schottky barrier diodes. – 23 (3). P. 271-275.
- Lazur V.Yu.** *et al.* – Four-particle formalism of the CDW method in two-electron charge-exchange reactions. – 23 (2). P. 119-128.
- Lemberski I.** – see Deibuk V.G. *et al.* – 23 (4). P. 385-392.
- Levash L.V.** – see Samoylov V.B. *et al.* – 23 (1). P. 71-74.
- Leyderman A.Yu.** – see Uteniyazov A.K. *et al.* – 23 (4). P. 339-345.
- Leyderman A.Yu.** *et al.* – Recombination statistics of non-equilibrium carriers in the model of semiconductor with donor-acceptor pairs possessing variable recombination activity. – 23 (3). P. 290-293.
- Liptuga A.I.** – see Pipa V.I. *et al.* – 23 (2). P. 136-140.
- Litovchenko P.G.** – see Vernydub R.M. *et al.* – 23 (2). P. 201-207.
- Lopatynskiy A.M.** – see Chegel V.I. *et al.* – 23 (4). P. 431-436.
- Lupkin V.B.** – see Andrieiev O.V. *et al.* – 23 (2). P. 214-219.
- Lysenko V.S.** – see Rudenko T.E. *et al.* – 23 (3). P. 227-252.
- Lysiuk V.O.** *et al.* – Magneto-optical properties of nanocomposites $(Co_{41}Fe_{39}B_{20})_x(SiO_2)_{100-x}$. – 23 (2). P. 180-185.
- Lytvyn V.K.** – see Chegel V.I. *et al.* – 23 (4). P. 431-436.
- Lytvynenko O.O.** – see Karachevtseva L.A. *et al.* – 23 (3). P. 316-322.

Author Index 2020

M

- Marki R.** *et al.* – Effect of different parameters on the carrier mobility in NWTFFET. – 23 (2). P. 141-145.
- Markov S.E.** – see Kremenetskaya Y.A. *et al.* – 23 (4). P. 424-430.
- Martínez-Pastor J.P.** – see Chegel V.I. *et al.* – 23 (4). P. 431-436.
- Maslov V.P.** – see Andrieiev O.V. *et al.* – 23 (2). P. 214-219.
- Maslov V.P.** – see Granchak V.M. *et al.* – 23 (4). P. 393-399.
- Maslov V.P.** – see Gridina N.Ya. *et al.* – 23 (1). P. 85-90.
- Maslov V.P.** – see Morozhenko V.O. *et al.* – 23 (4). P. 400-407.
- Mazarchuk I.O.** – see Kapush O.A. *et al.* – 23 (2). P. 160-167.
- Melnyk Yu.V.** – see Kremenetskaya Y.A. *et al.* – 23 (4). P. 424-430.
- Milenin G.V.** – see Redko R.A. *et al.* – 23 (3). P. 302-307.
- Milenin G.V.** *et al.* – Transformation of defects in semiconductor structures under the influence of microwave electromagnetic radiation, which is stimulated by drift phenomena. – 23 (1). P. 46-51.
- Milenin V.V.** – see Redko R.A. *et al.* – 23 (3). P. 302-307.
- Mishinova G.N.** – see Vlaskina S.I. *et al.* – 23 (4). P. 346-354.
- Mokrinskaya E.V.** – see Davidenko N.A. *et al.* – 23 (1). P. 81-84.
- Morozhenko V.O.** – see Andrieiev O.V. *et al.* – 23 (2). P. 214-219.
- Morozhenko V.O.** *et al.* – Determination of the parameters of coherent magneto-optical layers on a finite absorbing substrate from thermal radiation spectra. – 23 (4). P. 400-407.
- Morozovska V.J.** – see Kapush O.A. *et al.* – 23 (2). P. 160-167.
- Myhalyna V.V.** – see Lazur V.Yu. *et al.* – 23 (2). P. 119-128.
- Morozov A.N.** – see Gridina N.Ya. *et al.* – 23 (1). P. 85-90.

N

- Nazarov A.N.** – see Rudenko T.E. *et al.* – 23 (3). P. 227-252.
- Nebola I.I.** *et al.* – Model phonon spectra of Cu₇Si₅I and Ag₇Si₅I crystals. – 23 (4). P. 366-371.
- Nikolaenko Yu.E.** – see Pekur D.V. *et al.* – 23 (1). P. 91-101.
- Nikolaenko Yu.E.** – see Pekur D.V. *et al.* – 23 (4). P. 415-423.

- Nosenko V.V.** – see Vorona I.P. *et al.* – 23 (1). P. 60-65.
- Nsanbaev M.T.** – see Leyderman A.Yu. *et al.* – 23 (3). P. 290-293.

O

- Okhrimenko O.B.** – see Bacherikov Yu.Yu. *et al.* – 23 (2). P. 175-179.
- Okhrimenko O.B.** – see Bacherikov Yu.Yu. *et al.* – 23 (3). P. 253-259.
- Okulov S.M.** – see Vorona I.P. *et al.* – 23 (1). P. 60-65.
- Oleinikova I.V.** – see Kovalchuk O.V. *et al.* – 23 (4). P. 372-378.
- Olikh Ya.M.** – see Vernydub R.M. *et al.* – 23 (2). P. 201-207.
- Olkhovik G.P.** – see Khomchenko V.S. *et al.* – 23 (1). P. 5-28.
- Onyshchenko V.F.** *et al.* – Effective minority carrier lifetime in double-sided macroporous silicon. – 23 (1). P. 29-36.
- Ovcharek V.E.** – see Kovalchuk O.V. *et al.* – 23 (4). P. 372-378.

P

- Pavlov V.A.** – see Davidenko N.A. *et al.* – 23 (1). P. 81-84.
- Pavlov V.A.** – see Davidenko N.A. *et al.* – 23 (3). P. 323-328.
- Pavlovskyy Yu.V.** – see Vernydub R.M. *et al.* – 23 (2). P. 201-207.
- Pekur D.V.** *et al.* – Optimization of the cooling system design for a compact high-power LED luminaire. – 23 (1). P. 91-101.
- Pekur D.V.** *et al.* – Electro-optical characteristics of an innovative LED luminaire with an LED matrix cooling system based on heat pipes. – 23 (4). P. 415-423.
- Petrus R.Yu.** see Ilchuk H.A. *et al.* – 23 (4). P. 355-360.
- Piletsky S.A.** – see Chegel V.I. *et al.* – 23 (4). P. 431-436.
- Pipa V.I.** *et al.* – Rotation of a thin heated plate caused by its own coherent thermal radiation. – 23 (2). P. 136-140.
- Poberezhets I.I.** – see Poberezhets S.I. *et al.* – 23 (2). P. 129-135.
- Poberezhets S.I.** *et al.* – Temperature dependence of dielectric properties of the liquid crystal 6CB with the embedded Ag₇GeS₅I nanoparticles. – 23 (2). P. 129-135.
- Pogodin A.I.** – see Bendak A.V. *et al.* – 23 (1). P. 37-40.
- Pogodin A.I.** – see Studenyak I.P. *et al.* – 23 (2). P. 186-192.

Author Index 2020

- Pogodin A.I.** – see Studenyak I.P. *et al.* – 23 (3). P. 260-266.
Ponomarenko V.V. – see Pekur D.V. *et al.* – 23 (4). P. 415-423.
Pop M.M. – see Studenyak I.P. *et al.* – 23 (2). P. 186-192.
Potera P. – see Vernydub R.M. *et al.* – 23 (2). P. 201-207.
Proadhan Md.T. – see Hussain S. *et al.* – 23 (4). P. 408-414.
Pyliavskiy V.V. – see Qasim N.H. *et al.* – 23 (1). P. 75-80.

Q

- Qasim N.H.** *et al.* – Color temperature line: forward and inverse transformation. – 23 (1). P. 75-80.

R

- Rad'ko V.S.** – see Samoylov V.B. *et al.* – 23 (1). P. 71-74.
Rahman Md.M. – see Hussain S. *et al.* – 23 (4). P. 408-414.
Redko R.A. – see Milenin G.V. *et al.* – 23 (1). P. 46-51.
Redko R.A. *et al.* – Changes in impurity radiative recombination and surface morphology induced by treatment of GaP in weak magnetic field. – 23 (3). P. 302-307.
Redko S.M. – see Redko R.A. *et al.* – 23 (3). P. 302-307.
Roik O.S. – see Kashirina N.I. *et al.* – 23 (3). P. 282-289.
Rosnovskiy O.A. – see Samoylov V.B. *et al.* – 23 (1). P. 71-74.
Rozouvan S.G. – see Lysiuk V.O. *et al.* – 23 (2). P. 180-185.
Rozumenko V.D. – see Gridina N.Ya. *et al.* – 23 (1). P. 85-90.
Rudenko T.E. *et al.* – The advancement of silicon-on-insulator (SOI) devices and their basic properties. – 23 (3). P. 227-252.
Rudko G.Yu. *et al.* – Light-emitting properties of BN synthesized by different techniques. – 23 (2). P. 193-200.

S

- Sachenko A.V.** – see Kulish M.R. *et al.* – 23 (2). P. 155-159.
Samoylov V.B. *et al.* – Pyroelectric USB-joulemeters of pulsed laser radiation. – 23 (1). P. 71-74.
Sandeep K. – Ionic conduction properties of nanocrystalline $\text{Er}_2\text{Ti}_2\text{O}_7$ functional material. – 23 (1). P. 52-59.

- Sareein Thanapong** – see Jarucha Nawarut *et al.* – 23 (3). P. 276-281.
Sartinska L.L. – see Rudko G.Yu. *et al.* – 23 (2). P. 193-200.
Semchuk O.Yu. – see Biliuk A.A. *et al.* – 23 (3). P. 308-315.
Semkiv I.V. – see Ilchuk H.A. *et al.* – 23 (4). P. 355-360.
Serpak N.F. – see Kupchak I.M. *et al.* – 23 (1). P. 66-70.
Shaginyan I.L. – see Vlaskina S.I. *et al.* – 23 (4). P. 346-354.
Shender I.A. – see Studenyak I.P. *et al.* – 23 (3). P. 260-266.
Shkrebtii A.I. – see Kupchak I.M. *et al.* – 23 (1). P. 66-70.
Shkrebtii A.I. – see Kulish M.R. *et al.* – 23 (2). P. 155-159.
Shkyrta I.M. – see Nebola I.I. *et al.* – 23 (4). P. 366-371.
Shteyfan A.Ya. – see Nebola I.I. *et al.* – 23 (4). P. 366-371.
Shutov S.V. – see Tsybulenko V.V. *et al.* – 23 (3). P. 294-301.
Skubenych K.V. – see Bendak A.V. *et al.* – 23 (1). P. 37-40.
Smertenko P.S. – see Vlaskina S.I. *et al.* – 23 (4). P. 346-354.
Smertenko P.S. – Dimensionless sensitivity for analysis, diagnostics, modelling, monitoring and prognosis of processes. – 23 (1). P. 111.
Smertenko P.S. – Modeling of thermometric characteristics of thermodiode sensors by using the dimensionless sensitivity. – 23 (4). P. 437-441.
Sokolov M.Yu. – see Davidenko N.A. *et al.* – 23 (1). P. 81-84.
Sokolovskiy I.O. – see Kulish M.R. *et al.* – 23 (2). P. 155-159.
Solntsev V.S. – see Pekur D.V. *et al.* – 23 (4). P. 415-423.
Sopinsky M.V. – see Khomchenko V.S. *et al.* – 23 (1). P. 5-28.
Sorokin V.M. – see Pekur D.V. *et al.* – 23 (1). P. 91-101.
Sorokin V.M. – see Pekur D.V. *et al.* – 23 (4). P. 415-423.
Staschuk V.S. – see Lysiuk V.O. *et al.* – 23 (2). P. 180-185.
Strelchuk V.V. – see Bacherikov Yu.Yu. *et al.* – 23 (2). P. 175-179.
Studenyak I.P. – see Bendak A.V. *et al.* – 23 (1). P. 37-40.
Studenyak I.P. – see Nebola I.I. *et al.* – 23 (4). P. 366-371.
Studenyak I.P. – see Poberezhets S.I. *et al.* – 23 (2). P. 129-135.

Author Index 2020

Studeniyak I.P. *et al.* – Influence of cation substitution on optical constants of $(\text{Cu}_{1-x}\text{Ag}_x)_7\text{SiS}_5\text{I}$ mixed crystals. – 23 (2). P. 186-192.

Studeniyak I.P. *et al.* – Structural and impedance studies of copper-enriched $(\text{Cu}_{0.75}\text{Ag}_{0.25})_7\text{SiS}_5\text{I}$ -based ceramics. – 23 (3). P. 260-266.

Studeniyak V.I. – see Studeniyak I.P. *et al.* – 23 (2). P. 186-192.

Studzinsky S.L. – see Davidenko N.A. *et al.* – 23 (1). P. 81-84.

Stukalenko V.V. – see Lysiuk V.O. *et al.* – 23 (2). P. 180-185.

Sukach A.V. *et al.* – Shunt current in InAs diffused photodiodes. – 23 (2). P. 208-213.

Svechnikov G.S. – see Vlaskina S.I. *et al.* – 23 (4). P. 346-354.

Sysyuk V.G. – see Granchak V.M. *et al.* – 23 (4). P. 393-399.

T

Tachilin S.A. – see Bakhadyrkhanov M.K. *et al.* – 23 (4). P. 361-365.

Tarasenko V.V. – see Davidenko N.A. *et al.* – 23 (1). P. 81-84.

Tarasenko V.V. – see Davidenko N.A. *et al.* – 23 (3). P. 323-328.

Tartachnyk V.P. – see Vernyudub R.M. *et al.* – 23 (2). P. 201-207.

Tetyorkin V.V. – see Sukach A.V. *et al.* – 23 (2). P. 208-213.

Timko M. – see Nebola I.I. *et al.* – 23 (4). P. 366-371.

Timko M. – see Poberezhets S.I. *et al.* – 23 (2). P. 129-135.

Tkachuk A.I. – see Sukach A.V. *et al.* – 23 (2). P. 208-213.

Tonkopiieva L.S. – see Davidenko N.A. *et al.* – 23 (1). P. 81-84.

Trishchuk L.I. – see Kapush O.A. *et al.* – 23 (2). P. 160-167.

Tsybulenko V.V. *et al.* – Determination of crystallization conditions of Ge/GaAs heterostructures in scanning LPE method. – 23 (3). P. 294-301.

Turovska A.V. – see Andrieiev O.V. *et al.* – 23 (2). P. 214-219.

Turukalo A.V. – see Bushma A.V. *et al.* – 23 (3). P. 329-335.

U

Ushenin Yu.V. – see Gridina N.Ya. *et al.* – 23 (1). P. 85-90.

Uteniyazov A.K. – see Leyderman A.Yu. *et al.* – 23 (3). P. 290-293.

Uteniyazov A.K. *et al.* – Features of current transport in $\text{Al-Al}_2\text{O}_3$ -*p*- CdTe - Mo structure. – 23 (4). P. 339-345.

V

Vedula M.Yu. – see Samoylov V.B. *et al.* – 23 (1). P. 71-74.

Verbitskiy D.O. – see Verbitskiy V.G. *et al.* – 23 (4). P. 379-384.

Verbitskiy V.G. *et al.* – Manifestation of the channeling effect when manufacturing JFET transistors. – 23 (4). P. 379-384.

Vernyudub R.M. *et al.* – Electrophysical characteristics of $\text{GaAs}_{1-x}\text{P}_x$ LEDs irradiated by 2 MeV electrons. – 23 (2). P. 201-207.

Vlaskina S.I. *et al.* – Characterization of nano-bio silicon carbide. – 23 (4). P. 346-354.

Voevodin S.V. – see Verbitskiy V.G. *et al.* – 23 (4). P. 379-384.

Vora A.M. – Study of structural, electrical and optical properties of $\text{MoRe}_{0.001}\text{Se}_{1.999}$ single crystal. – 23 (3). P. 267-270.

Vorona I.P. *et al.* – Some features of Mn^{2+} EPR spectra in cubic nano- ZnS . – 23 (1). P. 60-65.

Vovk V.E. *et al.* – Dielectric properties of nematic liquid crystal with impurities of supramolecular Ni-TMTAA-TCNQ complexes. – 23 (2). P. 146-154.

W

Wantana Nuanthip – see Jarucha Nawarut *et al.* – 23 (3). P. 276-281.

Y

Yaremchuk I.Ya. – see Fitio V.M. *et al.* – 23 (2). P. 168-174.

Yerochin S.Yu. – see Tsybulenko V.V. *et al.* – 23 (3). P. 294-301.

Yuriychuk I.M. – see Deibuk V.G. *et al.* – 23 (4). P. 385-392.

Z

Zaabat M. – see Marki R. *et al.* – 23 (2). P. 141-145.

Zaharenko O.M. – see Kazantseva Z.I. *et al.* – 23 (1). P. 41-45.

Zhurybeda M.N. – see Andrieiev O.V. *et al.* – 23 (2). P. 214-219.

Zikrillaev N.F. – see Bakhadyrkhanov M.K. *et al.* – 23 (4). P. 361-365.