
Author index

A

- Akindiilete A.J.** – see Akinlami J. O. et al. – **22** (1), P. 5-10 (2019)
- Akinlami J.O.** et al. – The electronic, structural and paramagnetic properties of magnesium telluride – **22** (1), P. 5-10 (2019)
- Akinlami J.O.** et al. Electronic and optical properties of β -HgS – **22** (2), P. 150-155 (2019)
- Aleksiy V.V.** – see Lazur V.Yu. et al. **22** (2), P. 171-181 (2019)
- Andreyeva N.O.** et al. – Photodetector device for fiber-optical telecommunication systems – **22** (1), P. 88-91 (2019)
- Avdonin K.V.** et al. – Integral equations for the wave function of particle systems – **22** (3), P. 319-322 (2019)
- Azhniuk Yu.M.** – see Studenyak I.P. et al. – **22** (1), P. 26-33 (2019)

B

- Babajanov D.B.** – see Sapaev I.B. et al. **22** (2), P. 188-192 (2019)
- Bacherikov Yu.Yu.** – see Berezhnytska O.S. **22** (4), P. 391-396 (2019)
- Bacherikov Yu.Yu.** et al. – Effect of the doping method on luminescent properties of ZnS:Ag – **22** (3), P. 361-365 (2019)
- Balovsyak S.V.** – see Borcha M.D. et al. **22** (4), P. 381-386 (2019)
- Basanets V.V.** – see Romanets P.M. et al. **22** (1), P. 34-38 (2019)
- Belyaev A.E. et al.** – Method for data processing in application to ohmic contacts – **22** (1), P. 11-18 (2019)
- Belyaev A.Ye.** – see Liubchenko O.I. et al. **22** (1), P. 119-129 (2019)
- Bendak A.V.** – see Bilanych V.V. et al. **22** (1), P. 47-52 (2019)
- Berezhnytska O.S.** et al. – Conductivity of molecular semiconductor material based on monomeric and polymeric methacrylacetophenone – **22** (4), P. 391-396 (2019)
- Bezkravnaya O.** – see Kostenyukova E. et al. **22** (1), P. 60-66 (2019)
- Bilanych V.S.** – see Bilanych V.V. et al. **22** (1), P. 47-52 (2019)
- Bilanych V.V.** et al. – Mechanical properties of $\text{Cu}_6\text{PS}_5\text{I}$ superionic crystals and thin films – **22** (1), P. 47-52 (2019)
- Biletskyi O.O.** et al. – Energy processes in combined power supplies with linear capacitors and supercapacitors – **22** (3), P. 326-332 (2019)

- Bletskan D.I.** et al. – Electronic structure, optical and photoelectrical properties of crystalline Si_2Te_3 – **22** (3), P. 267-276 (2019)
- Bliznyuk V.N.** – see Pud A.A. et al. **22** (4), P. 470-478 (2019)
- Blotska O.** – see Klestova Z. et al. – **22** (1), P. 111-118 (2019)
- Bogoslovskaya A.B.** et al. – Luminescent analysis of the quality of CdS nanocrystals depending on technological parameters – **22** (2), P. 231-236 (2019)
- Bogoslovskaya A.B.** et al. – Piezo-mechanical impedance of nanosized CdS single crystal – see Bogoslovskaya A.B. **22** (4), P. 479-485 (2019)
- Boiko I.I.** – Influence of inter-electron scattering on the form of non-equilibrium distribution function of band carriers – **22** (2), P. 139-149 (2019)
- Boltovets M.S.** – see Romanets P.M. et al. **22** (1), P. 34-38 (2019)
- Boltovets N.S.** – see Belyaev A.E. et al. **22** (1), P. 11-18 (2019)
- Borblik V.L.** – Electrostatics of the nanowire radial p-i-n diode – **22** (2), P. 201-205 (2019)
- Borcha M.D.** et al. – Features of structural changes in mosaic Ge:Sb according to X-ray diffractometry and electron backscatter diffraction data – **22** (4), P. 381-386 (2019)
- Bortchagovsky E.G.** – see Bogoslovskaya A.B. et al. **22** (2), P. 231-236 (2019)
- Bratus' V.Ya.** – see Rodionov V.N. et al. **22** (1), P. 92-97 (2019)
- Brose S.B.** Korotyeyev V.V. et al. **22** (2), P. 237-251 (2019)
- Buyanova I.A.** – see Rudko G.Yu. et al. **22** (3), P. 310-318 (2019)

C

- Chen WeiMin M.** – see Rudko G.Yu. et al. **22** (3), P. 310-318 (2019)
- Chernenko V.V.** – see Sachenko A.V. et al. **22** (3), P. 277-284 (2019)
- Coquillat D.** – see Korotyeyev V.V. et al. **22** (2), P. 237-251 (2019)
- Cserhati C.** – see Studenyak I.P. et al. **22** (1), P. 26-33 (2019)

D

- Danko V.A.** – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
- Dan'ko V.A.** et al. – Control of plasmons excitation by P- and S-polarized light in gold nanowire gratings by azimuthal angle variation – **22** (3), P. 353-360 (2019)

Author index

- Danylyuk S.B.** – see Korotyeyev V.V. et al. **22** (2), P. 237-251 (2019)
- Daoud S.** – Empirical prediction of thermal properties, microhardness and sound velocity of cubic zincblende AlN – **22** (4), P. 404-409 (2019)
- Didenko E.M.** – see Tatyanko D.N. et al. **22** (1), P. 104-110 (2019)
- Dimitriev O.** – see Sieryk M. et al. **22** (1), P. 53-59 (2019)
- Dimitriev O.P.** – Harvesting of the infrared energy: Direct collection, up-conversion, and storage – **22** (4), P. 457-469 (2019)
- Doroshenko A.** – see Kostenyukova E. et al. **22** (1), P. 60-66 (2019)
- Dorozinska H.V.** – see Vashchenko V.A. et al. **22** (4), P. 444-451 (2019)
- Dorozinsky G.V.** – see Vashchenko V.A. et al. **22** (4), P. 444-451 (2019)
- Dorozynsky G.** – see Klestova Z. et al. **22** (1), P. 111-118 (2019)
- Dremukh Yu.** – see Klestova Z. et al. **22** (1), P. 111-118 (2019)
- Dub M.M.** – see Belyaev A.E. et al. **22** (1), P. 11-18 (2019)
- Dvernikov B.F.** – see Sachenko A.V. et al. **22** (3), P. 277-284 (2019)
- Dzhagan V.M.** – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
- Dzhagan V.M.** – see Rudko G.Yu. et al. **22** (3), P. 310-318 (2019)

E

- Evstigneev M.A.** – see Sachenko A.V. et al. **22** (3), P. 277-284 (2019)

F

- Fediv V.I.** – see Rudko G.Yu. et al. **22** (3), P. 310-318 (2019)
- Fedorov A.** – see Kostenyukova E. et al. **22** (1), P. 60-66 (2019)

G

- Glushko E.Ya.** et al. – Island photonic structures: Properties and application in sensing and metrology – **22** (4), P. 430-436 (2019)
- Gnilenko A.B.** et al. – Numerical analysis of aluminum nanoparticle influence on the characteristics of a thin-film solar cell – **22** (4), P. 424-429 (2019)
- Gorbov V.** et al. – The very compact and efficient speckle suppression device for laser picoprojector – **22** (4), P. 437-443 (2019)

- Grancic B.B.** – see Studenyak I.P. et al. **22** (3), P. 347-352 (2019)
- Grynko D.O.** – see Bogoslovskaya A.B. et al. **22** (2), P. 231-236 (2019)
- Gudyma A.O.** – see Berezhnyska O.S. **22** (4), P. 391-396 (2019)
- Gudymenko O.I.** – see Bogoslovskaya A.B. et al. **22** (2), P. 231-236 (2019)
- Gudymenko O.Yo.** – see Borcha M.D. **22** (4), P. 381-386 (2019)
- Gudymenko O.Yo.** – see Vashchenko V.A. **22** (4), P. 444-451 (2019)

H

- Hreshchuk O.M.** et al. – Efficient SERS substrates based on laterally ordered gold nanostructures made using interference lithography – **22** (2), P. 215-223 (2019)
- Hutsuliak I.I.** – see Borcha M.D. et al. **22** (4), P. 381-386 (2019)

I

- Ilnytskyi R.V.** – see Nykyryu L.I. et al. **22** (2), P. 156-164 (2019)
- Indutnyi I.Z.** – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
- Indutnyi I.Z.** – see Dan'ko V.A. et al. **22** (3), P. 353-360 (2019)
- Ismailov K.A.** – see Uteniyazov A.K. et al. **22** (2), P. 165-170 (2019)
- Izai V.Yu.** et al. – Preparation and electrical properties of composites based on $(\text{Cu}_6\text{PS}_5\text{I})_{1-x}(\text{Cu}_7\text{PS}_6)_x$ mixed crystals – **22** (2), P. 182-187 (2019)

K

- Kachur N.** – see Klestova Z. et al. **22** (1), P. 111-118 (2019)
- Kachur N.V.** – see Larin V.Yu. et al. **22** (2), P. 252-256 (2019)
- Kalashnyk Yu.Yu.** – see Klimovskaya A.I. et al. **22** (3), P. 293-298 (2019)
- Karbovanets M.I.** – see Lazur V.Yu. et al. **22** (2), P. 171-181 (2019)
- Khimchenko S.** – see Kostenyukova E. et al. **22** (1), P. 60-66 (2019)
- Khoma M.V.** – see Lazur V.Yu. et al. **22** (2), P. 171-181 (2019)
- Khosla Ajit** – see Yoshida Tsukasa **22** (4), P. 452-456 (2019)
- Kidalov V.V.** – see Bacherikov Yu.Yu. et al. **22** (3), P. 361-365 (2019)

Author index

- Klad'ko V.P.** – see Liubchenko O.I. et al. – **22** (1), P. 119-129 (2019)
- Kladko V.P.** – see Borcha M.D. et al. **22** (4), P. 381-386 (2019)
- Kladko V.P.** – see Vashchenko V.A. **22** (4), P. 444-451 (2019)
- Klestova Z.** et al. – Diagnostics of cattle leucosis by using an biosensor based on surface plasmon resonance phenomenon – see Klestova Z. et al. **22** (1), P. 111-118 (2019)
- Klimovskaya A.I.** et al. – Mechanical strain in the structure of array of silicon nanowires grown on a silicon substrate – **22** (3), P. 293-298 (2019)
- Kliuieva T.Yu.** – see Gorbov V. et al. **22** (4), P. 437-443 (2019)
- Kochelap V.A.** – see Korotyeyev V.V. et al. **22** (2), P. 237-251 (2019)
- Kochelap V.O.** – Introduction to nanoelectronics and optoelectronics (lectures 1 and 2) – **22** (1), P. 130-130 (2019)
- Kochelap V.O.** – Introduction to nanoelectronics and optoelectronics: Science, Nanotechnology, Engineering and application (lectures 3 and 4) – **22** (2), P. 257-258 (2019)
- Kochelap V.O.** Nanoelectronics and Optoelectronics: Science, Nanotechnology, Engineering and Application (lectures 5 and 6) – **22** (3), P. 372-373 (2019)
- Kochelap V.O.** – Nanoelectronics and Optoelectronics: Science, Nanotechnology, Engineering and Application (lectures 7 and 8) – **22** (4), P. 486-486 (2019)
- Kokenyesi S.** – see Studenyak I.P. et al. **22** (1), P. 26-33 (2019)
- Kokhan O.P.** – see Studenyak I.P. et al. **22** (1), P. 26-33 (2019)
- Kokhan O.P.** – see Izai V.Yu. et al. **22** (2), P. 182-187 (2019)
- Kokhan O.P.** – see Studenyak I.P. et al. **22** (3), P. 347-352 (2019)
- Konakova R.V.** – see Belyaev A.E. et al. **22** (1), P. 11-18 (2019)
- Konakova R.V.** – see Romanets P.M. et al. **22** (1), P. 34-38 (2019)
- Kondratenko O.S.** – see Vashchenko V.A. et al. **22** (4), P. 444-451 (2019)
- Kopčanský P.** – see Izai V.Yu. et al. **22** (2), P. 182-187 (2019)
- Kopčanský P.** – see Studenyak I.P. et al. **22** (4), P. 387-390 (2019)
- Korchovyi A.A.** – see Vashchenko V.A. et al. **22** (4), P. 444-451 (2019)
- Korkishko R.M.** – see Sachenko A.V. et al. **22** (3), P. 277-284 (2019)
- Korotyeyev V.V.** et al. – Interaction of sub-terahertz radiation with low-doped grating-based AlGaIn/GaN plasmonic structures. Time-domain spectroscopy measurements and electrodynamic modeling – **22** (2), P. 237-251 (2019)
- Kostenyukova E.** et al. – Effect of L-arginine-phosphate doping on structural, optical and strength properties of KDP single crystal – **22** (1), P. 60-66 (2019)
- Kostulyov V.** – see Kulish M. et al. **22** (1), P. 80-87 (2019)
- Kostylyov V.P.** – see Sachenko A.V. et al. **22** (3), P. 277-284 (2019)
- Kosyak I.V.** – see Gorbov V., **22** (4), et al. P. 437-443 (2019)
- Kotovskiy V.Yo.** – see Biletskyi O.O. et al. **22** (3), P. 326-332 (2019)
- Kovalchuk A.O.** – see Rudko G.Yu. et al. **22** (3), P. 310-318 (2019)
- Kovalchuk O.V.** – see Avdonin K.V. et al. **22** (3), P. 319-322 (2019)
- Kovalchuk O.V.** – see Studenyak I.P. **22** (4), P. 387-390 (2019)
- Kovalenko N.** – see Kostenyukova E. et al. **22** (1), P. 60-66 (2019)
- Kovalenko Yu.I.** – see Vashchenko V.A. et al. **22** (4), P. 444-451 (2019)
- Kovtonjuk V.M.** – see Belyaev A.E. et al. **22** (1), P. 11-18 (2019)
- Kravchenko S.** – see Klestova Z. et al. **22** (1), P. 111-118 (2019)
- Kryvyi S.B.** – see Liubchenko O.I. et al. **22** (1), P. 119-129 (2019)
- Kudryk Ya.Ya.** – see Belyaev A.E. et al. **22** (1), P. 11-18 (2019)
- Kudryk Ya.Ya.** – see Romanets P.M. et al. **22** (1), P. 34-38 (2019)
- Kudryk Ya.Ya.** et al. – Influence of parameters inherent to ohmic contacts on properties of microwave avalanche transit-time diodes – **22** (2), P. 193-200 (2019)
- Kulish M.** et al. – Photoconverter with Luminescent Concentrator. Matrix Material – **22** (1), P. 80-87 (2019)
- Kulish M.R.** – see Virko S.V. et al. **22** (3), P. 343-346 (2019)
- Kus P.** – see Studenyak I.P. et al. **22** (3), P. 347-352 (2019)
- Kuzmin A.R.** – see Borcha M.D. et al. **22** (4), P. 381-386 (2019)

L

- Larin V.Yu.** et al. – Use of the infrared thermography method to develop discharging rules for lithium polymer batteries – **22** (2), P. 252-256 (2019)
- Latreche A.** – Combined of thermionic emission and tunneling mechanisms for analysis the leakage current for 4H-SiC Schottky barrier diodes – **22** (1), P. 19-25 (2019)
- Latreche A.** – Conduction mechanisms of the reverse leakage current of β -Ga₂O₃ Schottky barrier diodes – **22** (4), P. 397-403 (2019)

Author index

- Lazur V.Yu.** et al. – Taking the Coulomb effects into account in the reactions of one-electron charge exchange – **22** (2), P. 171-181 (2019)
- Lendiel V.V.** – see Makarenko O.V. et al. **22** (3), P. 338-342 (2019)
- Lienau C.** – see Lozovski V.Z. et al. – **22** (4), P. 410-417 (2019)
- Litvinchuk P.M.** – see Neimash V.B. et al. **22** (2), P. 206-214 (2019)
- Litvinenko A.S.** – see Tatyanko D.N. et al. – **22** (1), P. 104-110 (2019)
- Litvinova V.M.** – see Virko S.V. et al. **22** (3), P. 343-346 (2019)
- Liubchenko O.I.** – see Borchha M.D. et al. **22** (4), P. 381-386 (2019)
- Liubchenko O.I.** et al. – Effect of ion implantation on structural damage in compositionally graded AlGaIn layers – **22** (1), P. 119-129 (2019)
- Lofaj F.** – see Bilanych V.V. et al. **22** (1), P. 47-52 (2019)
- Lozovski V.Z.** et al. – Optimization of morphology of submonolayer metallic nanoparticles to enhance light trapping on a semiconductor surface – **22** (4), P. 410-417 (2019)
- Luchynets M.M.** – see Izai V.Yu. et al. **22** (2), P. 182-187 (2019)
- Luchynets M.M.** – see Studenyak I.P. et al. **22** (3), P. 347-352 (2019)
- Lukaniuk M.V.** – see Dan'ko V.A. et al. **22** (3), P. 353-360 (2019)
- Lyaschuk Yu.M.** – see Korotyeyev V.V. et al. **22** (2), P. 237-251 (2019)
- Lysiuk V.O.** – see Makarenko O.V. et al. **22** (3), P. 338-342 (2019)
- Lytvyn P.M.** – see Slobodian O.M. et al. **22** (1), P. 98-103 (2019)
- Lytvyn P.M.** – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
- Lytvyn P.M.** – see Klimovskaya A.I. et al. **22** (3), P. 293-298 (2019)
- Lytvyn P.M.** – see Dan'ko V.A. et al. **22** (3), P. 353-360 (2019)
- Lytvyn P.M.** – see Vashchenko V.A. et al. **22** (4), P. 444-451 (2019)

M

- Makarenko O.V.** et al. – Mueller polarimetry of discontinuous gold films – **22** (3), P. 338-342 (2019)
- Malysh M.I.** – see Virko S.V. et al. **22** (3), P. 343-346 (2019)
- Malyuta C.** – see Slobodian O.M. et al. **22** (1), P. 098-103 (2019)
- Mamykin S.V.** – see Dan'ko V.A. et al. **22** (3), P. 353-360 (2019)

- Mamykin S.V.** – see Vashchenko V.A. et al. **22** (4), P. 444-451 (2019)
- Markina O.M.** – see Larin V.Yu. et al. **22** (2), P. 252-256 (2019)
- Mar'yan M.I.** et al. – Nanosized levels of the self-organized structures in the non-crystalline semiconductors As-S(Se) system – **22** (3), P. 299-309 (2019)
- Maslov V.** – see Klestova Z. et al. – **22** (1), P. 111-118 (2019)
- Maslov V.P.** – see Larin V.Yu. et al. **22** (2), P. 252-256 (2019)
- Maslov V.P.** – see Vashchenko V.A. et al. **22** (4), P. 444-451 (2019)
- Mel'nik V.P.** – see Liubchenko O.I. et al. – **22** (1), P. 119-129 (2019)
- Melnyk V.V.** – see Neimash V.B. et al. **22** (2), P. 206-214 (2019)
- Mikhaylov S.D.** – see Pud A.A. et al. **22** (4), P. 470-478 (2019)
- Milenin G.V.** et al. – Transformation of structural defects in semiconductors under action of electromagnetic and magnetic fields causing resonant phenomena – see Milenin G.V. et al. – **22** (1), P. 39-46 (2019)
- Milovanov Y.S.** – see Slobodian O.M. et al. **22** (1), P. 098-103 (2019)
- Minko V.I.** – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
- Mitryaev A.A.B.** – see Vasnetsov M.V. et al. **22** (3), P. 333-337 (2019)
- Morozova S.V.** – see Andreyeva N.O. et al. **22** (1), P. 88-91 (2019)
- Myhalyna S.I.** – see Lazur V.Yu. et al. **22** (2), P. 171-181 (2019)
- Myn'ko V.I.** – see Dan'ko V.A. et al. **22** (3), P. 353-360 (2019)

N

- Naidych B.P.** – see Nykyruy L.I. et al. **22** (2), P. 156-164 (2019)
- Nazarov A.N.** – see Slobodian O.M. et al. – **22** (1), P. 098-103 (2019)
- Neimash V.B.** et al. – Formation of nanocrystals and their properties during tin induced and laser light stimulated crystallization of amorphous silicon – **22** (2), P. 206-214 (2019)
- Neyezhmakov P.I.** – see Tatyanko D.N. et al. **22** (1), P. 104-110 (2019)
- Nikolaenko Yu.E.** et al. – Light characteristics of high-power LED luminaire with a cooling system based on heat pipe – **22** (3), P. 366-371 (2019)
- Nikolenko A.S.** – see Klimovskaya A.I. et al. **22** (3), P. 293-298 (2019)
- Nikolenko A.S.** – see Neimash V.B. et al. **22** (2), P. 206-214 (2019)

Author index

- Noskov Yu.V.** – see Pud A.A. et al. **22** (4), P. 470-478 (2019)
Novitskii S.V. – see Belyaev A.E. et al. **22** (1), P. 11-18 (2019)
Nykyruy L.I. et al. Account of surface contribution to thermodynamic properties of lead selenide films – **22** (2), P. 156-164 (2019)

O

- Ogurtsov N.A.** – see Pud A.A. et al. **22** (4), P. 470-478 (2019)
Okhrimenko O.B. – see Berezhnitska O.S. **22** (4), P. 391-396 (2019)
Okhrimenko O.B. – see Bacherikov Yu.Yu. et al. **22** (3), P. 361-365 (2019)
Olhovich I.V. – see Neimash V.B. et al. **22** (2), P. 206-214 (2019)
Omeike M. O. – see Akinlami J.O. et al. – **22** (1), P. 5-10 (2019)
Onyeonu F.C. – see Akinlami J.O. et al. **22** (2), P. 150-155 (2019)
Optasyuk S.V. – see Bacherikov Yu.Yu. et al. **22** (3), P. 361-365 (2019)

P

- Pankratova A.V.** – see Gorbov V. et al. **22** (4), P. 437-443 (2019)
Parashchuk T.O. – see Nykyruy L.I. et al. **22** (2), P. 156-164 (2019)
Pecherskaya-Gromadskaya E.Yu. – see Bacherikov Yu.Yu. et al. **22** (3), P. 361-365 (2019)
Pekur D.V. – see Nikolaenko Yu.E. et al. **22** (3), P. 366-371 (2019)
Piryatinski Yu.P. – see Pud A.A. et al. **22** (4), P. 470-478 (2019)
Plaksin S.V. – see Gnilenko A.B. et al. **22** (4), P. 424-429 (2019)
Ploch D. – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
Plutenko D.O. – see Vasnetsov M.V. et al. **22** (3), P. 333-337 (2019)
Poberezhets S.I. – see Studenyak I.P. **22** (4), P. 387-390 (2019)
Pogodin A.I. – see Studenyak I.P. et al. **22** (1), P. 26-33 (2019)
Pogodin A.I. – see Izai V.Yu. et al. **22** (2), P. 182-187 (2019)
Pogodin A.I. – see Studenyak I.P. et al. **22** (3), P. 347-352 (2019)
Polit J. – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
Ponevchinsky V.V. – see Vasnetsov M.V. et al. **22** (3), P. 333-337 (2019)

- Pop M.M.** – see Studenyak I.P. et al. **22** (3), P. 347-352 (2019)
Poperenko L.V. – see Makarenko O.V. et al. **22** (3), P. 338-342 (2019)
Poperenko L.V. et al. – Features of third-order optical nonlinearity in carbon disulfide – **22** (2), P. 224-230 (2019)
Poroshin V.N. – see Vainberg V.V. et al. **22** (4), P. 418-423 (2019)
Pritula I. – see Kostenyukova E. et al. **22** (1), P. 60-66 (2019)
Prokhorenko S.B. – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
Prygun O.V. – see Gorbov V. et al. **22** (4), P. 437-443 (2019)
Pud A.A. et al. – On the importance of interface interactions in core-shell nanocomposites of intrinsically conducting polymers – **22** (4), P. 470-478 (2019)
Pylypchuk O.S. – see Vainberg V.V. et al. **22** (4), P. 418-423 (2019)

R

- Raevskaya A.E.** – see Rudko G.Yu. et al. **22** (3), P. 310-318 (2019)
Rajňák M. – see Izai V.Yu. et al. **22** (2), P. 182-187 (2019)
Raskin J.-P. – see Slobodian O.M. et al. **22** (1), P. 98-103 (2019)
Red'ko R.A. – see Andreyeva N.O. et al. **22** (1), P. 88-91 (2019)
Red'ko R.A. – see Milenin G.V. et al. – **22** (1), P. 39-46 (2019)
Rizak V.M. – see Bilanych V.V. et al. – **22** (1), P. 47-52 (2019)
Rodionov V.N. et al. – Influence of boron doping on the photosensitivity of cubic silicon carbide – **22** (1), P. 92-97 (2019)
Romanets P.M. et al. – Peculiarities of study of Au-Ti-Pd- $n^+n^-n^+$ Si multilayer contact structure to avalanche-transmitted diodes – **22** (1), P. 34-38 (2019)
Rozouvan S.G. – see Poperenko L.V. et al. **22** (2), P. 224-230 (2019)
Rudko G.Yu. et al. – Optically detected magnetic resonance study of relaxation/emission processes in the nanoparticle-polymer composite – **22** (3), P. 310-318 (2019)
Ryzhykh V.M. – see Larin V.Yu. et al. **22** (2), P. 252-256 (2019)

S

- Sabov T.M.** – see Liubchenko O.I. et al. **22** (1), P. 119-129 (2019)

Author index

- Sachenko A.V.** et al. – Key parameters of commercial silicon solar cells with rear metallization – **22** (3), P. 277-284 (2019)
- Saj P.O.** – see Belyaev A.E. et al. **22** (1), P. 11-18 (2019)
- Sapaev B.** – see Sapaev I.B. et al. **22** (2), P. 188-192 (2019)
- Sapaev I.B.** et al. – Current-voltage characteristics of the injection photodiode based on M(In)-nCdS-pSi-M(In) structure – **22** (2), P. 188-192 (2019)
- Savchenko A.** – see Kulish M. et al. – **22** (1), P. 80-87 (2019)
- Seben V.** – see Mar'yan M.I. et al. **22** (3), P. 299-309 (2019)
- Serba O.A.** – see Sachenko A.V. et al. **22** (3), P. 277-284 (2019)
- Shanina B.D.** – see Klimovskaya A.I. et al. **22** (3), P. 293-298 (2019)
- Shcherban A.P.** – see Larin V.Yu. et al. **22** (2), P. 252-256 (2019)
- Shepeliaviy P.Ye.** – see Dan'ko V.A. et al. **22** (3), P. 353-360 (2019)
- Shepeliaviy P.Ye.** – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
- Shepeliaviy P.Ye.** – see Neimash V.B. et al. **22** (2), P. 206-214 (2019)
- Sheregii E.** – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
- Shkrebtiiy A.** – see Kulish M. et al. **22** (1), P. 80-87 (2019)
- Shynkarenko V.V.** – see Belyaev A.E. et al. **22** (1), P. 11-18 (2019)
- Sieryk M.** et al. – Tuning of aggregation and film self-assembly of monomethincyanine dyes through variation of their monomer structure – **22** (1), P. 53-59 (2019)
- Sio A. De** – see Lozovski V.Z. et al. **22** (4), P. 410-417 (2019)
- Sizov F.F.** – Brief history of THz and IR technologies – **22** (1), P. 67-79 (2019)
- Skryshevsky V.A.** – see Slobodian O.M. et al. **22** (1), P. 98-103 (2019)
- Skubenykh K.V.** – see Bilanych V.V. et al. **22** (1), P. 47-52 (2019)
- Slipokurov V.S.** – see Kudryk Ya.Ya. et al. **22** (2), P. 193-200 (2019)
- Slipokurov V.S.** – see Romanets P.M. et al. **22** (1), P. 34-38 (2019)
- Slobodian O.M.** et al. – Reduced graphene oxide obtained by spray pyrolysis technique for gas sensing – **22** (1), P. 98-103 (2019)
- Smirnov A.B.** – see Berezhnyska O.S. et al. **22** (4), P. 391-396 (2019)
- Sokolovskiy I.** – see Kulish M. et al. – **22** (1), P. 80-87 (2019)
- Sokolovskiy I.O.** – see Sachenko A.V. et al. **22** (3), P. 277-284 (2019)
- Solodkyi M.S.** – see Borcha M.D. et al. **22** (4), P. 381-386 (2019)
- Sorokin V.M.** – see Nikolaenko Yu.E. et al. **22** (3), P. 366-371 (2019)
- Stanchu H.V.** – see Liubchenko O.I. et al. **22** (1), P. 119-129 (2019)
- Stehr Jan E.** – see Rudko G.Yu. et al. **22** (3), P. 310-318 (2019)
- Stepanyuk A.N.** – see Glushko E.Ya. **22** (4), P. 430-436 (2019)
- Strelchuk V.V.** – see Klimovskaya A.I. et al. **22** (3), P. 293-298 (2019)
- Strelchuk V.V.** – see Neimash V.B. et al. **22** (2), P. 206-214 (2019)
- Stroyuk O.L.** – see Rudko G.Yu. et al. **22** (3), P. 310-318 (2019)
- Studeniyak I.P.** et al. – Synthesis and characterisation of new potassium-containing argyrodite-type compounds – see Studenyak I.P. et al. – **22** (1), P. 26-33 (2019)
- Studeniyak I.P.** – see Bilanych V.V. et al. – **22** (1), P. 47-52 (2019)
- Studeniyak I.P.** – see Izai V.Yu. et al. **22** (2), P. 182-187 (2019)
- Studeniyak I.P.** – see Bletska D.I. et al. **22** (3), P. 267-276 (2019)
- Studeniyak I.P.** et al. – Ellipsometric studies of $(\text{Cu}_6\text{PS}_5\text{I})_{1-x}(\text{Cu}_7\text{PS}_6)_x$ and $(\text{Cu}_6\text{PS}_5\text{Br})_{1-x}(\text{Cu}_7\text{PS}_6)_x$ mixed crystals – **22** (3), P. 347-352 (2019)
- Studeniyak I.P.** et al. – Influence of anion substitution on electrical conductivity of composites based on liquid crystal with $\text{Cu}_6\text{PS}_5\text{X}$ ($\text{X} = \text{I}, \text{Br}$) nanoparticles – **22** (4), P. 387-390 (2019)
- Studeniyak V.I.** – see Studenyak I.P. et al. **22** (1), P. 26-33 (2019)
- Studeniyak V.I.** – see Studenyak I.P. et al. **22** (3), P. 347-352 (2019)
- Sun He** – see Yoshida Tsukasa et al. **22** (4), P. 452-456 (2019)
- Suvorova K.I.** – see Tatyanko D.N. et al. **22** (1), P. 104-110 (2019)
- Svezhentsova E.** – see Slobodian O.M. et al. **22** (1), P. 98-103 (2019)
- Swiatek Z.** – see Borcha M.D. et al. **22** (4), P. 381-386 (2019)

T

- Tang X.** – see Slobodian O.M. et al. **22** (1), P. 98-103 (2019)
- Tarasov G.G.** – see Virko S.V. et al. **22** (3), P. 343-346 (2019)
- Tarasov G.G.** – see Lozovski V.Z. et al. **22** (4), P. 410-417 (2019)
- Tatyanko D.N.** et al. – Quantum efficiency improvement of optical radiation trap-detectors – **22** (1), P. 104-110 (2019)
- Timko M.** – see Izai V.Yu. et al. **22** (2), P. 182-187 (2019)

Author index

- Timko M.** – see Studenyak I.P. **22** (4), P. 387-390 (2019)
- Timofeev Ye.P.** – see Tatyanko D.N. et al. – **22** (1), P. 104-110 (2019)
- Tkach O.O.** – see Borcha M.D. et al. **22** (4), P. 381-386 (2019)
- Tkach V.M.** – see Borcha M.D. et al. **22** (4), P. 381-386 (2019)
- Tripachko N.A.** – see Vainberg V.V. et al. **22** (4), P. 418-423 (2019)
- Trunova O.K.** – see Berezhnytska O.S. et al. **22** (4), P. 391-396 (2019)

U

- Ulianov V.I.** – see Virko S.V. et al. **22** (3), P. 343-346 (2019)
- Ushenin Yu.** – see Klestova Z. et al. **22** (1), P. 111-118 (2019)
- Uteniyazov A.K.** et al. – Effect of ultrasound treatment on the electro-physical properties of the structure of Al-Al₂O₃-p-CdTe – **22** (2), P. 165-170 (2019)

V

- Vainberg V.V.** et al. – Low temperature charge transport in arrays of single-walled carbon nanotube bundles with radiation induced defects – **22** (4), P. 418-423 (2019)
- Vakulchak V.V.** – see Bletskan D.I. et al. **22** (3), P. 267-276 (2019)
- Valakh M.Ya.** – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
- Varani L.** – see Korotyeyev V.V. et al. **22** (2), P. 237-251 (2019)
- Vashchenko V.A.** et al. – Effect of electron-beam treatment of sensor glass substrates for SPR devices on their metrological characteristics – **22** (4), P. 444-451 (2019)
- Vasin A.V.** – see Slobodian O.M. et al. **22** (1), P. 98-103 (2019)
- Vasnetsov M.V.** – M.S. Soskin, to 90th anniversary – **22** (1), P. 131-132 (2019)
- Vasnetsov M.V.** et al. – Observation of room-temperature afterglow in Polyamide-6 under UV excitation – **22** (3), P. 333-337 (2019)
- Vasyliiev T.A.** – see Lozovski V.Z. et al. **22** (4), P. 410-417 (2019)
- Venger Eu.** – see Klestova Z. et al. **22** (1), P. 111-118 (2019)
- Virko S.V.** et al. – see Propagation of linearly polarized light in a heated uniaxial CdS crystal – **22** (3), P. 343-346 (2019)
- Vitusevich S.A.** – see Korotyeyev V.V. et al. **22** (2), P. 237-251 (2019)

- Vlasyuk V.M.** – see Sachenko A.V. et al. **22** (3), P. 277-284 (2019)
- Vora A.M.** – Pseudopotential-based study of electrical transport properties inherent to Bi-Ga alloys – **22** (3), P. 323-325 (2019)
- Vorona I.P.** – see Rudko G.Yu. et al. **22** (3), P. 310-318 (2019)
- Voronov S.O.** – see Rodionov V.N. et al. **22** (1), P. 92-97 (2019)
- Voznyak O.M.** – see Nykyruy L.I. et al. **22** (2), P. 156-164 (2019)

Y

- Yampolskiy A.L.** – see Makarenko O.V. et al. **22** (3), P. 338-342 (2019)
- Yaskovets I.I.** – see Vainberg V.V. et al. **22** (4), P. 418-423 (2019)
- Yatsenko I.V.** – see Vashchenko V.A. et al. **22** (4), P. 444-451 (2019)
- Yoshida Tsukasa** et al. – Smart energy systems – **22** (4), P. 452-456 (2019)
- Yukhymchuk V.O.** – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
- Yurkovych N.V.** – see Mar'yan M.I. et al. **22** (3), P. 299-309 (2019)
- Yushchenko A.** – see Klestova Z. et al. **22** (1), P. 111-118 (2019)

Z

- Zahn D. R.T.** – see Studenyak I.P. et al. **22** (1), P. 26-33 (2019)
- Zak D.B.** – see Hreshchuk O.M. et al. **22** (2), P. 215-223 (2019)
- Zhuchenko Z.Ya.** – see Lozovski V.Z. et al. **22** (4), P. 410-417 (2019)
- Zhuk A.G.** – see Bacherikov Yu.Yu. et al. **22** (3), P. 361-365 (2019)
- Zuyev V.O.** – see Andreyeva N.O. et al. – **22** (1), P. 88-91 (2019)