
Author index of volume 26 (2023)

- Antonov V. N.** see **Bekenov L. V.** No. 2, 23706.
- Barabashko M. S., Krivchikov A. I., Basnukaeva R., Korolyuk O. A., Jeżowski A.** Proportional correlation between heat capacity and thermal expansion of atomic, molecular crystals and carbon nanostructures. No. 3, 33602.
- Basnukaeva R.** see **Barabashko M. S.** No. 3, 33602.
- Bekenov L. V., Moklyak S. V., Zhuravlev B. F., Kucherenko Yu. N., Antonov V. N.** Electronic structure and X-ray magnetic circular dichroism in the MAX phases T_2AlC ($T=Ti$ and Cr) from first principles. No. 2, 23706.
- Berche B.** see **Ellis T.** No. 3, 33606.
- Bilynskyi I. V.** see **Leshko R. Ya.** No. 2, 23704.
- Blavatska V.** see **Haydukivska K.** No. 2, 23301.
- Bopp Ph.** see **Trokhymchuk A.** No. 2, 27001.
- Bouguerra A.** see **Touaibia I.** No. 4, 43702.
- Ceperley D. M.** see **Gorelov V.** No. 3, 33701.
- Chatelain C.** Finite-size scaling of the majority-voter model above the upper critical dimension. No. 1, 13202.
- Chemam F.** see **Touaibia I.** No. 4, 43702.
- Chen J., Liu Y.** Effect of out-of-plane acoustic phonons on the thermal transport properties of graphene. No. 4, 43603.
- Coppola M., Karevski D.** Some speculations about local thermalization of nonequilibrium extended quantum systems. No. 1, 13502.
- Danel Z.** see **Kuterba P.** No. 4, 43605.
- de Arruda A. S.** see **de Santana E. S.** No. 2, 23601.
- Debelo N. G.** see **Kassa M. D.** No. 2, 23701.
- de Pádua Santos A., Moraes F., Santos F. A. N., Fumeron S.** An Abelian Higgs model for disclinations in nematics. No. 1, 13506.
- de Santana E. S., de Arruda A. S., Godoy M.** Random-anisotropy mixed-spin Ising on a triangular lattice. No. 2, 23601.
- Dominguez H.** see **Espinosa-Jiménez H.** No. 2, 23603.
- Ebeling W., Holovko M., Kunz W., Yukhnovskii I.** In memory of Hartmut Krienke. No. 4, 47002.
- Ebeling W., Krienke H.** Statistical theory of individual activity coefficients of electrolytes including multiple ionic charges. No. 2, 23602.
- Ekiz C., Erdem R., Semet D.** Dynamic behavior of the antiferromagnetically coupled bilayer Ising model. No. 4, 43701.
- Ellis T., Kenna R., Berche B.** The fifty-year quest for universality in percolation theory in high dimensions. No. 3, 33606.
- Erdem R.** see **Ekiz C.** No. 4, 43701.
- Espinosa-Jiménez H., Salazar-Arriaga A. B., Dominguez H.** Development of a new force field for the family of primary aliphatic amines using the three steps systematic parameterization procedure. No. 2, 23603.
- Folk R., Holovatch Yu., Kenna R., Krasnytska M.** Complexity and Collective Behaviour: Solids, Fields, and Data (dedicated to Bertrand Berche on his 60th birthday). No. 1, 10101.
- Fumeron S.** see **de Pádua Santos A.** No. 1, 13506.
- Girnyk I. S., Horon B. I., Kapustianyk V. B., Kushnir O. S., Shopa R. Y.** Nonlinear background corrections to dielectric permittivity of ferroics and multiferroics. No. 4, 43604.
- Godoy M.** see **de Santana E. S.** No. 2, 23601.
- González D. J., González L. E.** An ab initio study of the static, dynamic and electronic properties of some liquid 5d transition metals near melting. No. 3, 33601.
- González L. E.** see **González D. J.** No. 3, 33601.
- Gorelov V., Yang Y., Ruggeri M., Ceperley D. M., Pierleoni C., Holzmann M.** Neutral band gap of carbon by quantum Monte Carlo methods. No. 3, 33701.
- Grigorishin K. V.** Collective excitations in three-band superconductors. No. 2, 23702.
- Guenez W.** see **Touaibia I.** No. 4, 43702.
- Haydukivska K., Blavatska V.** On the swelling properties of pom-pom polymers: impact of backbone length. No. 2, 23301.

- Haymet A. D. J.** How should a small country respond to climate change? No. 3, 33901.
- Henkel M.** Non-equilibrium relaxations: ageing and finite-size effects. No. 1, 13501.
- Hirata F.** Structural transition induced by a local chemical/mechanical perturbation in biomolecules. No. 4, 43803.
- Holovatch Yu.** see **Folk R.** No. 1, 10101.
- Holovko M.** see **Trokhymchuk A.** No. 2, 27001.
- Holovko M.** see **Ebeling W.** No. 4, 47002.
- Hols'kyi V. B.** see **Leshko R. Ya.** No. 2, 23704.
- Holzmann M.** see **Gorelov V.** No. 3, 33701.
- Horon B. I.** see **Girnyk I. S.** No. 4, 43604.
- Hutiv V. V.** see **Tkach M. V.** No. 2, 23705.
- Iglói F.** see **Pető T.** No. 1, 13102.
- Ilnytskyi J.** see **Yaremchuk D.** No. 3, 33302.
- Ivashchenko V. I.** see **Onoprienko A. A.** No. 2, 22701.
- Jakse N.** see **Wax J.-F.** No. 3, 33603.
- Janke W.** see **Kazmin S.** No. 1, 13201.
- Janke W.** see **Kuterba P.** No. 4, 43605.
- Jeżowski A.** see **Barabashko M. S.** No. 3, 33602.
- Kalyuzhnyi O.** see **Yaremchuk D.** No. 3, 33302.
- Kapustianyk V. B.** see **Girnyk I. S.** No. 4, 43604.
- Karevski D.** see **Coppola M.** No. 1, 13502.
- Karnaukhov I. N.** Dirac fermion spectrum of the fractional quantum Hall states. No. 2, 23703.
- Kassa M. D., Debelo N. G., Wolde-mariam M. M.** Computational study of structural, elastic, electronic, phonon dispersion relation and thermodynamic properties of orthorhombic CaZrS_3 for optoelectronic applications. No. 2, 23701.
- Kazmin S., Janke W.** Temperature scaling analysis of the 3D disordered Ising model with power-law correlated defects. No. 1, 13201.
- Kenna R.** see **Folk R.** No. 1, 10101.
- Kenna R.** see **Ellis T.** No. 3, 33606.
- Kore Ashish** see **Shende Aditya** No. 2, 23707.
- Korolyuk O. A.** see **Barabashko M. S.** No. 3, 33602.
- Korotun A. V., Smirnova N. A., Reva V. I., Titov I. M., Shilo G. M.** Optical and thermal effects in the neighborhood of the spherical layered nanoparticle of the “metallic core – J-aggregate shell” structure. No. 4, 43704.
- Kovács I. A.** see **Pető T.** No. 1, 13102.
- Krasnytska M.** see **Folk R.** No. 1, 10101.
- Krasnytska M.** see **Sarkanych P.** No. 1, 13507.
- Krienke H.** see **Ebeling W.** No. 2, 23602.
- Krivchikov A. I.** see **Barabashko M. S.** No. 3, 33602.
- Kucherenko Yu. N.** see **Bekenov L. V.** No. 2, 23706.
- Kumar Gupta Shivendra** see **Shende Aditya** No. 2, 23707.
- Kunz W.** see **Ebeling W.** No. 4, 47002.
- Kushnir O. S.** see **Girnyk I. S.** No. 4, 43604.
- Kuterba P., Danel Z., Janke W.** Entropic force in a dilute solution of real ring polymer chains with different topological structures in a slit of two parallel walls with mixed boundary conditions. No. 4, 43605.
- Leshko R. Ya., Bilynskyi I. V., Leshko O. V., Hols'kyi V. B.** Electron energy spectrum of the spherical $\text{GaAs}/\text{Al}_x\text{Ga}_{1-x}\text{As}$ quantum dot with several impurities on the surface. No. 2, 23704.
- Leshko O. V.** see **Leshko R. Ya.** No. 2, 23704.
- Liu Y.** see **Chen J.** No. 4, 43603.
- López A., Mireles F.** Interplay of Kekulé distortions and laser fields in graphene. No. 1, 13505.
- López A., Montañes B., Medina E.** Merging of Dirac points through uniaxial modulation on an optical lattice. No. 1, 13503.
- Medina E.** see **López A.** No. 1, 13503.
- Mireles F.** see **Santana-Suárez E.** No. 1, 13504.
- Mireles F.** see **López A.** No. 1, 13505.
- Moina A. P.** Erratum: “Electric field induced polarization rotation in squaric acid crystals revisited” [Condens. Matter Phys., 2022, 25, No 4, 43710: 1–10, doi:10.5488/CMP.24.43703]. No. 1, 16701.
- Moklyak S. V.** see **Bekenov L. V.** No. 2, 23706.
- Montañes B.** see **López A.** No. 1, 13503.
- Moraes F.** see **de Pádua Santos A.** No. 1, 13506.
- Mryglod O.** One for all and all for one: on the role of a conference in a scientist's life. No. 1, 13801.
- Mryglod I.** see **Ruocco G.** No. 3, 30101.
- Onoprienko A. A., Ivashchenko V. I., Shevchenko V. I.** Structure and properties of the films based on ternary transition metal borides: theory and experiment. No. 2, 22701.
- Patsahan T., Pizio O.** Aspects of the microscopic structure of curcumin solutions with water-

dimethylsulfoxide solvent. Molecular dynamics computer simulation study. No. 3, 33605.

Pergamenschik V. M. Incorporation of the intensive and extensive entropy contributions in the disk intersection theory of a hard disk system. No. 3, 33501.

Pergamenschik V. M. Erratum: "Incorporation of the intensive and extensive entropy contributions in the disk intersection theory of a hard disk system" [Condensed Matter Physics, 2023, 26, 33501: 1–12, doi:10.5488/CMP.26.33501] . No. 4, 46501.

Pető T., Iglói F., Kovács I. A. Random Ising chain in transverse and longitudinal fields: Strong disorder RG study. No. 1, 13102.

Pierleoni C. see **Gorelov V.** No. 3, 33701.

Pizio O. see **Patsahan T.** No. 3, 33605.

Pozhyvatenko V. V. Study of the structural and electronic properties of semimetallic InBi: first-principles calculation of compound with peculiarities of the electronic structure. No. 4, 43601.

Reva V. I. see **Korotun A. V.** No. 4, 43704.

Ruggeri M. see **Gorelov V.** No. 3, 33701.

Ruocco G., Mryglod I. First-principles computer modeling and statistical theory in dynamics of liquids. On 60-th anniversary of Taras Bryk. No. 3, 30101.

Ruocco G. see **Schirmacher W.** No. 3, 33604.

Salazar-Arriaga A. B. see **Espinosa-Jiménez H.** No. 2, 23603.

Santana-Suárez E., Mireles F. Impact of the p -cubic Dresselhaus term on the spin Hall effect. No. 1, 13504.

Santos F. A. N. see **de Pádua Santos A.** No. 1, 13506.

Sarkanych P., Krasnytska M. Potts model with invisible states on a scale-free network. No. 1, 13507.

Schirmacher W., Ruocco G. Diffusion of light in turbid media with internal reflections. No. 3, 33604.

Seitsonen A. P. see **Vuilleumier R.** No. 3, 33301.

Semet D. see **Ekiz C.** No. 4, 43701.

Seti Ju. O. see **Tkach M. V.** No. 2, 23705.

Shende Aditya, Kumar Gupta Shivendra, Kore Ashish, Singh Poorva Pressure driven Weyl-topological insulator phase transition in Weyl semimetal SrSi_2 . No. 2, 23707.

Shevchenko V. I. see **Onoprienko A. A.** No. 2, 22701.

Shilo G. M. see **Korotun A. V.** No. 4, 43704.

Shopa R. Y. see **Girnyk I. S.** No. 4, 43604.

Singh A. K., Singh S. P. Formation of nano and micro scale hierarchical structures in MgO and ZnO quantum dots doped LC media: The role of competitive forces. No. 4, 43602.

Singh Poorva see **Shende Aditya** No. 2, 23707.

Singh S. P. see **Singh A. K.** No. 4, 43602.

Smirnova N. A. see **Korotun A. V.** No. 4, 43704.

Spohr E. see **Trokhymchuk A.** No. 2, 27001.

Stanislavsky A. A. Poissonian resetting of sub-diffusion in a linear potential. No. 4, 43501.

Titov I. M. see **Korotun A. V.** No. 4, 43704.

Tkach M. V., Seti Ju. O., Voitsekhivska O. M., Hutiv V. V. Spectral properties of a broadband far infrared photodetector with a new design of active region. No. 2, 23705.

Touaibia I., Bouguerra A., Guenez W., Chemam F. Exploring the structural, electronic, magnetic, and magneto-optical properties of double perovskites $\text{Ca}_2\text{TMIrO}_6$ (TM=Fe, Co) through first principles study. No. 4, 43702.

Trokhymchuk A., Bopp Ph., Spohr E., Holovko M. Karl Heinzinger and computer modelling of water and aqueous solutions. No. 2, 27001.

Turban L. Scaling behaviour under the influence of a homogeneous size-dependent perturbation. No. 1, 13101.

Voitsekhivska O. M. see **Tkach M. V.** No. 2, 23705.

Vuilleumier R., Seitsonen A. P. Vibrational spectroscopies in liquid water: on temperature and coordination effects in Raman and infrared spectroscopies. No. 3, 33301.

Wax J.-F., Jakse N. On the existence of a second branch of transverse collective excitations in liquid metals. No. 3, 33603.

Woldemariam M. M. see **Kassa M. D.** No. 2, 23701.

Yang Y. see **Gorelov V.** No. 3, 33701.

Yaremchuk D., Kalyuzhnyi O., Ilnytskyi J. Modelling thermoresponsive polymer brush by mesoscale computer simulations. No. 3, 33302.

Yelgel Ö.C. The role of intrinsic atomic defects in a Janus MoSSe/XN ($X = \text{Al, Ga}$) heterostructure: a first principles study. No. 4, 43703.

Yukhnovskii I. see **Ebeling W.** No. 4, 47002.

Zhuravlev B. F. see **Bekenov L. V.** No. 2, 23706.