Igor Mishustin

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Bose-Einstein condensation in finite drops of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>α</mml:mi> particles. Physical Review C, 2022, 106, .</mml:math | 2.9 | 0 |
| 2 | Phase diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>α</mml:mi> matter with a Skyrme-like scalar interaction. Physical Review C, 2021, 103, .</mml:math | 2.9 | 9 |
| 3 | Degeneracy effects and Bose condensation in warm nuclear matter with light and heavy clusters. Nuclear Physics A, 2020, 1002, 121991. | 1.5 | 4 |
| 4 | Possible Bose-Einstein condensation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>α</mml:mi> particles in the ground state of nuclear matter. Physical Review C, 2020, 101, .</mml:math | 2.9 | 8 |
| 5 | Condensation of interacting scalar bosons at finite temperatures. Physical Review C, 2019, 100, . | 2.9 | 14 |
| 6 | Phase transitions and Bose-Einstein condensation in $\hat{I}\pm$ -nucleon matter. Physical Review C, 2019, 99, . | 2.9 | 14 |
| 7 | Phase Transitions and Bose–Einstein Condensation in Alpha-Nucleon Matter. Ukrainian Journal of Physics, 2019, 64, 745. | 0.2 | 0 |
| 8 | Equilibrium nuclear ensembles taking into account vaporization of hot nuclei in dense stellar matter. Physical Review C, 2018, 97, . | 2.9 | 7 |
| 9 | Nuclear structure calculations for neutron star crusts. European Physical Journal A, 2018, 54, 1. | 2.5 | 1 |
| 10 | Lateral variations of radiobiological properties of therapeutic fields of ¹ H, ⁴ He, ¹² C and ¹⁶ O ions studied with Geant4 and microdosimetric kinetic model. Physics in Medicine and Biology, 2017, 62, 5884-5907. | 3.0 | 5 |
| 11 | Self-consistent calculation of the nuclear composition in hot and dense stellar matter. Physical Review C, 2017, 95, . | 2.9 | 12 |
| 12 | <i>Q</i> -balls of clusterized baryonic matter. Modern Physics Letters A, 2017, 32, 1750010. | 1.2 | 9 |
| 13 | Bose–Einstein condensation and liquid–gas phase transition in strongly interacting matter composed of <i>α</i> particles. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 125102. | 3.6 | 21 |
| 14 | Thermodynamically anomalous regions and possible new signals of mixed-phase formation. European Physical Journal A, 2016, 52, 1. | 2.5 | 16 |
| 15 | Entropy production in chemically nonequilibrium quark-gluon plasma created in central <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">Pb<mml:mspace width="4pt"></mml:mspace><mml:mo>+</mml:mo><mml:mspace width="4pt" /><mml:mi mathvariant="normal">Pb</mml:mi>collisions at energies available</mml:mspace </mml:mi </mml:math | 2.9 | 10 |
| 16 | at the CERM Large Hadron Collider. Physical Review C, 2016, 93, . Electromagnetic probes of a pure-glue initial state in nucleus-nucleus collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 94, . | 2.9 | 24 |
| 17 | Distributions of deposited energy and ionization clusters around ion tracks studied with Geant4 toolkit. Physics in Medicine and Biology, 2016, 61, 3698-3711. | 3.0 | 8 |
| 18 | Glueballs amass at the RHIC and LHC! The early quarkless first-order phase transition at <i>T</i> = 270 MeV—from pure Yang–Mills glue plasma to Hagedorn glueball states. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 015105. | 3.6 | 22 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Nonlinear oscillations of compact stars in the vicinity of the maximum mass configuration. Europhysics Letters, 2015, 111, 29001. | 2.0 | 1 |
| 20 | Equation of state and sound velocity of a hadronic gas with a hard-core interaction. Physical Review C, 2015, 91, . | 2.9 | 17 |
| 21 | Nonequilibrium phase transition in compact stars through a violent shock. Physical Review C, 2015, 91, | 2.9 | 14 |
| 22 | Underâ€saturation of quarks at early stages of relativistic nuclear collisions: The hot glue initial scenario and its observable signatures. Astronomische Nachrichten, 2015, 336, 744-748. | 1.2 | 13 |
| 23 | Realistic electrostatic potentials in a neutron star crust. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 105201. | 3.6 | 2 |
| 24 | Thermodynamically anomalous regions as a mixed phase signal. Physics of Particles and Nuclei Letters, 2015, 12, 238-245. | 0.4 | 20 |
| 25 | Synthesis of neutron-rich transuranic nuclei in fissile spallation targets. Nuclear Instruments & Methods in Physics Research B, 2015, 349, 133-140. | 1.4 | Ο |
| 26 | Comparative study of dose distributions and cell survival fractions for ¹ H, ⁴ He, ¹² C and ¹⁶ O beams using Geant4 and Microdosimetric Kinetic model. Physics in Medicine and Biology, 2015, 60, 3313-3331. | 3.0 | 19 |
| 27 | Instability ofαboson vacuum in highly compressed baryonic matter. Journal of Physics C: Nuclear and Particle Physics, 2015, 42, 075104. | 3.6 | 3 |
| 28 | Possible Production of Neutron-Rich Heavy Nuclei in Fissile Spallation Targets. , 2015, , 151-161. | | 2 |
| 29 | Implementation of chromomagnetic gluons in Yang-Mills thermodynamics. Physical Review D, 2014, 89, | 4.7 | 3 |
| 30 | Dynamics and stability of chiral fluid. Physics of Atomic Nuclei, 2014, 77, 1130-1144. | 0.4 | 0 |
| 31 | EMMI rapid reaction task force meeting on quark matter in compact stars. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 123001. | 3.6 | 58 |
| 32 | Modeling a delayed phase transition in the early universe. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 125005. | 3.6 | 1 |
| 33 | Radial oscillations of neutral and charged hybrid stars. Europhysics Letters, 2014, 105, 39001. | 2.0 | 34 |
| 34 | Microdosimetry spectra and RBE of 1H, 4He, 7Li and 12C nuclei in water studied with Geant4. Nuclear Instruments & Methods in Physics Research B, 2014, 320, 89-99. | 1.4 | 31 |
| 35 | Formation of droplets with high baryon density at the QCD phase transition in expanding matter. Nuclear Physics A, 2014, 925, 14-24. | 1.5 | 47 |
| 36 | TABULATED EQUATION OF STATE FOR SUPERNOVA MATTER INCLUDING FULL NUCLEAR ENSEMBLE. Astrophysical Journal, 2014, 789, 33. | 4.5 | 30 |

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|----|--|-----|-----------|
| 37 | Monte Carlo modeling of spallation targets containing uranium and americium. Nuclear Instruments & Methods in Physics Research B, 2014, 334, 8-17. | 1.4 | 9 |
| 38 | The QCD phase transition in a fully dynamical model of heavy-ion collisions. Journal of Physics: Conference Series, 2014, 509, 012065. | 0.4 | 5 |
| 39 | How spinodal decomposition influences observables at FAIR energies. Journal of Physics: Conference Series, 2014, 503, 012004. | 0.4 | Ο |
| 40 | Strangeness in Quark Matter: Opening Talk. Journal of Physics: Conference Series, 2014, 509, 012002. | 0.4 | 4 |
| 41 | Monte Carlo Modeling of Minor Actinide Burning in Fissile Spallation Targets. , 2014, , . | | 2 |
| 42 | Microdosimetry of radiation field from a therapeutic 12C beam in water: A study with Geant4 toolkit. Nuclear Instruments & Methods in Physics Research B, 2013, 310, 37-53. | 1.4 | 20 |
| 43 | The impact of dissipation and noise on fluctuations in chiral fluid dynamics. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 055108. | 3.6 | 42 |
| 44 | Evolution of antibaryon abundances in the early universe and in heavy-ion collisions. Physical Review C, 2013, 88, . | 2.9 | 8 |
| 45 | Chiral fluid dynamics with explicit propagation of the Polyakov loop. Physical Review C, 2013, 87, . | 2.9 | 61 |
| 46 | Monte Carlo simulations of Microdosimetry for Space Research at FAIR. Journal of Physics: Conference Series, 2013, 426, 012006. | 0.4 | 4 |
| 47 | Chemical freeze-out of strange particles and possible root of strangeness suppression. Europhysics Letters, 2013, 104, 22002. | 2.0 | 55 |
| 48 | Formation of super-heavy elements in astrophysical nucleosynthesis. , 2012, , . | | 0 |
| 49 | Nonequilibrium effects in hadronic fireball expansion. Physical Review C, 2012, 85, . | 2.9 | 2 |
| 50 | Phase structure of a chiral model with dilatons in hot and dense matter. Physical Review C, 2012, 85, . | 2.9 | 14 |
| 51 | Effects of medium on nuclear properties in multifragmentation. Physical Review C, 2012, 86, . | 2.9 | 4 |
| 52 | Production of exotic hypernuclei from excited nuclear systems. Physical Review C, 2012, 86, . | 2.9 | 10 |
| 53 | Modeling spallation reactions in tungsten and uranium targets with the Geant4 toolkit. EPJ Web of Conferences, 2012, 21, 10006. | 0.3 | 6 |
| 54 | lsotopic yields and symmetry energy in nuclear multifragmentation reactions. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 115102. | 3.6 | 12 |

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|----|--|---------|-----------|
| 55 | Neutron production and energy deposition in fissile spallation targets studied with Geant4 toolkit. Nuclear Instruments & Methods in Physics Research B, 2012, 289, 79-90. | 1.4 | 20 |
| 56 | Nanolesions induced by heavy ions in human tissues: Experimental and theoretical studies. Beilstein Journal of Nanotechnology, 2012, 3, 556-563. | 2.8 | 6 |
| 57 | Baryon deceleration and partonic plasma creation by strong chromofields in ultrarelativistic heavy-ion collisions. Physics of Atomic Nuclei, 2012, 75, 371-392. | 0.4 | 4 |
| 58 | Hydrodynamic modeling of deconfinement phase transition in nuclear collision. Physics of Atomic Nuclei, 2012, 75, 776-780. | 0.4 | 3 |
| 59 | Production of heavy and superheavy neutron-rich nuclei in neutron capture processes. Physical Review C, 2011, 84, . | 2.9 | 52 |
| 60 | Isospin-dependent multifragmentation of relativistic projectiles. Physical Review C, 2011, 83, . | 2.9 | 88 |
| 61 | Electromagnetic and hadronic interactions of ultrarelativistic nuclei. Physics of Atomic Nuclei, 2011, 74, 139-150. | 0.4 | 2 |
| 62 | Baryon stopping and partonic plasma production by strong chromofields. Physical Review C, 2011, 84, . | 2.9 | 5 |
| 63 | Hydrodynamic modeling of the deconfinement phase transition in heavy-ion collisions in the NICA–FAIR energy domain. Physical Review C, 2011, 84, . | 2.9 | 33 |
| 64 | Production of spectator hypermatter in relativistic heavy-ion collisions. Physical Review C, 2011, 84, . | 2.9 | 41 |
| 65 | Quarkyonic Matter and Quark Number Scaling of Elliptic Flow. , 2011, , . | | Ο |
| 66 | Towards the equation of state for dense stellar matter. Journal of Physics: Conference Series, 2010, 202, 012003. | 0.4 | 1 |
| 67 | Nuclear fragmentation reactions in extended media studied with Geant4 toolkit. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 604-615. | 1.4 | 45 |
| 68 | Thermodynamics of dense hadronic matter in a parity doublet model. Physical Review C, 2010, 82, . | 2.9 | 57 |
| 69 | Possibility of cold nuclear compression in antiproton-nucleus collisions. Physical Review C, 2010, 82, . | 2.9 | 14 |
| 70 | Nuclear liquid-gas phase transition at large <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="bold-italic">N<mml:mrow><mml:mi>c</mml:mi></mml:mrow>the van der Waals approximation. Physical Review C, 2010, 82, .</mml:mi </mml:msub></mml:mrow></mml:math | ow۶₹9mm | l:math>in |
| 71 | POSSIBILITY OF SYNTHESIZING SUPERHEAVY ELEMENTS IN NUCLEAR EXPLOSIONS. International Journal of Modern Physics E, 2010, 19, 2063-2075. | 1.0 | 8 |
| 72 | Physics of ion beam cancer therapy: A multiscale approach. Physical Review E, 2009, 79, 011909. | 2.1 | 124 |

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|----|---|------|-----------|
| 73 | Universality of the diffusion wake from stopped and punch-through jets in heavy-ion collisions. Physical Review C, 2009, 79, . | 2.9 | 66 |
| 74 | Antiproton-nucleus collisions simulation within a kinetic approach with relativistic mean fields. Physical Review C, 2009, 80, . | 2.9 | 24 |
| 75 | Elliptic flow and dissipation in heavy-ion collisions atElab≃(1–160)AGeV. Physical Review C, 2009, 80, . | 2.9 | 15 |
| 76 | Surface and symmetry energies in isoscaling for multifragmentation reactions. Journal of Physics C: Nuclear and Particle Physics, 2009, 36, 115106. | 3.6 | 17 |
| 77 | Cold compression of nuclei induced by antiprotons. Hyperfine Interactions, 2009, 194, 263-269. | 0.5 | 1 |
| 78 | Bulk-viscosity-driven freeze-out in heavy ion collision. Progress in Particle and Nuclear Physics, 2009, 62, 568-573. | 14.4 | 0 |
| 79 | Equation of state of hadron resonance gas and the phase diagram of strongly interacting matter. Physics of Atomic Nuclei, 2009, 72, 1390-1415. | 0.4 | 69 |
| 80 | Surface and Symmetry Energy Effects in Nuclear Multifragmentation. , 2009, , . | | 1 |
| 81 | Comparative study of depth–dose distributions for beams of light and heavy nuclei in tissue-like media. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 1094-1098. | 1.4 | 37 |
| 82 | Stellar matter in supernova explosions and nuclear multifragmentation. Physics of Atomic Nuclei, 2008, 71, 1088-1093. | 0.4 | 2 |
| 83 | Bulk-viscosity-driven clusterization of quark-gluon plasma and early freeze-out in relativistic heavy-ion collisions. Physical Review C, 2008, 77, . | 2.9 | 82 |
| 84 | Ion-beam therapy: from electron production in tissue like media to DNA damage estimations. , 2008, , . | | 5 |
| 85 | Dynamical simulation of bound antiproton-nuclear systems and observable signals of cold nuclear compression. Physical Review C, 2008, 78, . | 2.9 | 26 |
| 86 | Role of bulk energy in nuclear multifragmentation. Physical Review C, 2008, 77, . | 2.9 | 10 |
| 87 | Instability of boost-invariant hydrodynamics with a QCD-inspired bulk viscosity. Physical Review C, 2008, 78, . | 2.9 | 70 |
| 88 | TOWARDS MONTE CARLO CALCULATIONS OF BIOLOGICAL DOSE IN HEAVY-ION THERAPY: MODELING OF NUCLEAR FRAGMENTATION REACTIONS. , 2008, , 401-410. | | 1 |
| 89 | PROPERTIES OF HEAVY AND SUPERHEAVY NUCLEI IN SUPERNOVA ENVIRONMENTS. , 2008, , 44-51. | | 0 |
| 90 | Longitudinal fluid dynamics for ultrarelativistic heavy-ion collisions. Physical Review C, 2007, 75, . | 2.9 | 32 |

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|-----|---|-----|-----------|
| 91 | PET monitoring of cancer therapy with ³ He and ¹² C beams: a study with the GEANT4 toolkit. Physics in Medicine and Biology, 2007, 52, 7295-7312. | 3.0 | 28 |
| 92 | (1 + 1) dimensional hydrodynamics for high-energy heavy-ion collisions. Physics of Atomic Nuclei, 2007, 70, 1773-1796. | 0.4 | 10 |
| 93 | MCHIT - Monte Carlo model for proton and Heavy-Ion Therapy. , 2007, , . | | 3 |
| 94 | Distributions of positron-emitting nuclei in proton and carbon-ion therapy studied with GEANT4. Physics in Medicine and Biology, 2006, 51, 6099-6112. | 3.0 | 71 |
| 95 | Statistical description of nuclear break-up. European Physical Journal A, 2006, 30, 121. | 2.5 | 27 |
| 96 | Possible links between the liquid-gas and deconfinement-hadronization phase transitions. European Physical Journal A, 2006, 30, 311-316. | 2.5 | 9 |
| 97 | Possible glueball production in relativistic heavy-ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, L59-L63. | 3.6 | 4 |
| 98 | Modification of surface energy in nuclear multifragmentation. Physical Review C, 2006, 74, . | 2.9 | 36 |
| 99 | Statistical description of nuclear break-up. , 2006, , 121-128. | | Ο |
| 100 | Possible production of strongly bound baryonia in relativistic heavy-ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 803-808. | 3.6 | 2 |
| 101 | Antibaryons bound in nuclei?. AIP Conference Proceedings, 2005, , . | 0.4 | Ο |
| 102 | Antibaryons bound in nuclei. Physical Review C, 2005, 71, . | 2.9 | 58 |
| 103 | Multifragmentation reactions and properties of stellar matter at subnuclear densities. Physical Review C, 2005, 72, . | 2.9 | 35 |
| 104 | Neutrons from fragmentation of light nuclei in tissue-like media: a study with the GEANT4 toolkit. Physics in Medicine and Biology, 2005, 50, 5493-5507. | 3.0 | 56 |
| 105 | Charge-changing interactions of ultrarelativisticPbnuclei. Physical Review C, 2004, 70, . | 2.9 | 46 |
| 106 | Role of fluctuations in the linearlঁ f model with quarks. Physical Review C, 2004, 70, . | 2.9 | 50 |
| 107 | Comment on "Investigating the Phase Diagram of Finite Extensive and Nonextensive Systems― Physical Review Letters, 2003, 90, 179201; author 179202. | 7.8 | 4 |
| 108 | Constraints on possible phase transitions above the nuclear saturation density. Physical Review C, 2002, 66, . | 2.9 | 8 |

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|-----|--|-----|-----------|
| 109 | Collective Deceleration of Ultrarelativistic Nuclei and Creation of Quark-Gluon Plasma. Physical Review Letters, 2002, 88, 112501. | 7.8 | 35 |
| 110 | Chiral phase transition within effective models with constituent quarks. Physical Review C, 2001, 64, . | 2.9 | 271 |
| 111 | Strange-quark matter within the Nambu-Jona-Lasinio model. Physics of Atomic Nuclei, 2001, 64, 802-811. | 0.4 | 13 |
| 112 | Mutual heavy ion dissociation in peripheral collisions at ultrarelativistic energies. Physical Review C, 2001, 64, . | 2.9 | 58 |
| 113 | Statistical evolution of isotope composition of nuclear fragments. Physical Review C, 2001, 63, . | 2.9 | 80 |
| 114 | Equilibration and freeze-out in an exploding system. Physical Review C, 2001, 65, . | 2.9 | 6 |
| 115 | Strange quark stars within the Nambu–Jona-Lasinio model. Physical Review D, 2001, 64, . | 4.7 | 84 |
| 116 | Studying phase transitions in nuclear collisions. AIP Conference Proceedings, 2000, , . | 0.4 | 2 |
| 117 | Unusual bound states of quark matter within the Nambu–Jona-Lasinio model. Physical Review C, 2000, 62, . | 2.9 | 30 |
| 118 | Exactly soluble model for nuclear liquid-gas phase transition. Physical Review C, 2000, 62, . | 2.9 | 67 |
| 119 | Partitioning composite finite systems. Physical Review E, 2000, 62, R64-R67. | 2.1 | 12 |
| 120 | Effective model for hot gluodynamics. Physical Review C, 2000, 61, . | 2.9 | 27 |
| 121 | Metastable quark-antiquark droplets within the Nambu–Jona-Lasinio model. Physical Review C, 1999, 59, 3343-3356. | 2.9 | 19 |
| 122 | Chiral Fluid Dynamics and Collapse of Vacuum Bubbles. Physical Review Letters, 1999, 83, 3134-3137. | 7.8 | 44 |
| 123 | Microscopic study of freeze-out in relativistic heavy-ion collisions at160AGeV/cenergy. Physical Review C, 1999, 60, . | 2.9 | 31 |
| 124 | Particle emission following Coulomb excitation in ultrarelativistic heavy-ion collisions. Physical Review C, 1999, 60, . | 2.9 | 29 |
| 125 | Nonequilibrium Phase Transition in Rapidly Expanding Matter. Physical Review Letters, 1999, 82, 4779-4782. | 7.8 | 92 |
| 126 | Collective mechanism of dilepton production in high-energy nuclear collisions. Journal of Physics G: Nuclear and Particle Physics, 1998, 24, L17-L21. | 3.6 | 2 |

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|-----|---|-----|-----------|
| 127 | Dilepton production by bremsstrahlung of meson fields in nuclear collisions. Physical Review C, 1998, 57, 2552-2558. | 2.9 | 3 |
| 128 | Nuclear multifragmentation induced by electromagnetic fields of ultrarelativistic heavy ions. Physical Review C, 1998, 57, 1920-1926. | 2.9 | 27 |
| 129 | Isotopic and microcanonical temperatures in nuclear multifragmentation. Physical Review C, 1998, 58, R27-R30. | 2.9 | 39 |
| 130 | Fluid dynamical description of the chiral transition. Acta Physica Hungarica A Heavy Ion Physics, 1997, 5, 377-385. | 0.4 | 4 |
| 131 | Microscopic model for rapid hadronization of supercooled Quark-Gluon Plasma. Acta Physica Hungarica A Heavy Ion Physics, 1996, 3, 151-176. | 0.4 | 4 |
| 132 | Rapid hadronization and strangeness production. Acta Physica Hungarica A Heavy Ion Physics, 1996, 4, 45-54. | 0.4 | 0 |
| 133 | Bose-stimulated pion production in relativistic nuclear collisions. Physical Review C, 1995, 51, 2099-2112. | 2.9 | 5 |
| 134 | Fast Hadronization of Supercooled Quark-Gluon Plasma. Physical Review Letters, 1995, 74, 5005-5008. | 7.8 | 132 |
| 135 | Baryon-antibaryon pair production in time-dependent meson fields. Physical Review C, 1995, 52, 3315-3331. | 2.9 | 7 |
| 136 | Formation and breakup of extra-large composite system in central Au+Au collisions. Physical Review Letters, 1994, 73, 628-631. | 7.8 | 39 |
| 137 | More-Fluid Models for Ultrarelativistic Nuclear Collisions. NATO ASI Series Series B: Physics, 1994, , 697-707. | 0.2 | 1 |
| 138 | Mechanisms of fragment production in heavy-ion reactions at intermediate energies. Zeitschrift Für Physik A, 1993, 345, 297-303. | 0.9 | 18 |
| 139 | The three-dimensional (2 + 1)-fluid model for relativistic nuclear collisions. Zeitschrift Für Physik A, 1993, 346, 209-216. | 0.9 | 48 |
| 140 | The excitation function of Au + Au in the framework of the (2+1)-fluid model. Zeitschrift Für Physik A, 1993, 346, 251-252. | 0.9 | 3 |
| 141 | Multipion droplets. Journal of Physics G: Nuclear and Particle Physics, 1993, 19, L101-L109. | 3.6 | 17 |
| 142 | Baryon-antibaryon pair production in strong meson fields. Journal of Physics G: Nuclear and Particle Physics, 1993, 19, 1303-1318. | 3.6 | 27 |
| 143 | Fluctuations and intermittency in multifragmentation processes. Physical Review C, 1992, 45, R2541-R2544. | 2.9 | 16 |
| 144 | Intermediate mass fragment emission in Fe+Au collisions. Physical Review C, 1992, 46, 1404-1415. | 2.9 | 25 |

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|-----|---|-----|-----------|
| 145 | Evolution of pion phase-space density and Bose-enhancement effects in high-energy heavy-ion collisions. Zeitschrift Für Physik A, 1992, 342, 309-317. | 0.9 | 4 |
| 146 | Antibaryon \$\$left({ar p,ar Lambda } ight)\$\$ production in relativistic nuclear collisions. Zeitschrift Für Physik A, 1991, 341, 47-52. | 0.9 | 43 |
| 147 | RELATIVISTIC FLUID-DYNAMICAL APPROACH FOR NUCLEAR COLLISIONS AT ENERGIES FROM 1 TO 100 GeV PER NUCLEON. International Review of Nuclear Physics, 1991, , 179-218. | 1.0 | 3 |
| 148 | Anomalous Fragments and Quasi-One-Dimensional Nuclear Systems. Physica Scripta, 1984, 30, 293-296. | 2.5 | 2 |
| 149 | ArkadiÄ-Benediktovich Migdal (on his seventieth birthday). Uspekhi Fizicheskikh Nauk, 1981, 24, 336-339. | 0.3 | 0 |
| 150 | Baryons and antibaryons in an anisotropic universe. Astrophysics, 1973, 7, 158-163. | 0.5 | 0 |