

Marcus Bleicher

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

364
papers

9,872
citations

48
h-index

88
g-index

407
ext. papers

10,968
ext. citations

2.6
avg. IF

6.4
L-index

#	Paper	IF	Citations
364	Flavor hierarchy at the chemical freeze-out from UrQMD. <i>EPJ Web of Conferences</i> , 2022 , 259, 10005	0.3	0
363	Triple nuclear collisions – a new method to explore the matter properties under new extreme conditions. <i>EPJ Web of Conferences</i> , 2022 , 259, 13012	0.3	0
362	Towards solving the puzzle of high temperature light (anti)-nuclei production in ultra-relativistic heavy ion collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022 , 136891	4.2	0
361	A chiral mean-field equation-of-state in UrQMD: effects on the heavy ion compression stage. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
360	Hadronic resonance production and interaction in pPb collisions at LHC energies in EPOS3. <i>Physical Review C</i> , 2021 , 104,	2.7	1
359	Modelling relativistic heavy-ion collisions with dynamical transport approaches. <i>Progress in Particle and Nuclear Physics</i> , 2021 , 122, 103920	10.6	0
358	Λ resonances in Ca+Ca, Ni+Ni and Au+Au reactions from 1 AGeV to 2 AGeV: Consistency between yields, mass shifts and decoupling temperatures. <i>Nuclear Physics A</i> , 2021 , 1007, 122058	1.3	2
357	Coupling dynamical and statistical mechanisms for baryonic cluster production in nucleus collisions of intermediate and high energies. <i>Physical Review C</i> , 2021 , 103,	2.7	1
356	A first estimate of Λ in Au+Au reactions at Elab = 1.23 AGeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 817, 136285	4.2	4
355	Early-Stage Shear Viscosity far from Equilibrium via Holography. <i>Nuclear Physics A</i> , 2021 , 1005, 121880	1.3	2
354	Constraining resonance properties through kaon production in pion-nucleus collisions at low energies. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021 , 48, 025109	2.9	0
353	Understanding the energy dependence of $\langle B_2 \rangle$ in heavy ion collisions: interplay of volume and space-momentum correlations. <i>European Physical Journal A</i> , 2021 , 57, 1	2.5	3
352	Modeling (anti)deuteron formation at RHIC with a geometric coalescence model. <i>Physica Scripta</i> , 2021 , 96, 124002	2.6	0
351	Sumanene as a delivery system for 5-fluorouracil drug – DFT, SAPT and MD study. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117526	6	4
350	Shear transport far from equilibrium via holography. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 811, 135973	4.2	4
349	Magnetic fields in heavy ion collisions: flow and charge transport. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	25
348	Temperatures and chemical potentials at kinetic freeze-out in relativistic heavy ion collisions from coarse grained transport simulations. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020 , 47, 025104 ^{2.9}	2.9	4

347	First, second, third and fourth flow harmonics of deuterons and protons in Au+Au reactions at 1.23 AGeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020 , 47, 055101	2.9	11
346	Deuteron and antideuteron coalescence in heavy-ion collisions: energy dependence of the formation geometry. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	2
345	Effects of the QCD phase transition on hadronic observables in relativistic hydrodynamic simulations of heavy-ion reactions in the FAIR/NICA energy regime. <i>European Physical Journal: Special Topics</i> , 2020 , 229, 3537-3550	2.3	2
344	Scaling properties of flow harmonics of deuterons and protons in Au+Au reactions at 1.23 AGeV. <i>Journal of Physics: Conference Series</i> , 2020 , 1667, 012013	0.3	0
343	Production of Hypernuclei and Properties of Hyper-Nuclear Matter. <i>Springer Proceedings in Physics</i> , 2020 , 397-401	0.2	
342	On the survey of nuclei and hypernuclei in multifragmentation. <i>Physica Scripta</i> , 2020 , 95, 075311	2.6	
341	Influence of Centrality Definition and Detector Efficiency on the Net-Proton Kurtosis. <i>Springer Proceedings in Physics</i> , 2020 , 335-343	0.2	
340	Probing chemical freeze-out criteria in relativistic nuclear collisions with coarse grained transport simulations. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	6
339	Evaluation of hypernuclei in relativistic ion collisions. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	2
338	Secondary Drell-Yan dileptons in heavy-ion reactions. <i>International Journal of Modern Physics E</i> , 2019 , 28, 1950047	0.7	1
337	Formation of hypernuclei in relativistic ion, hadron and lepton collisions 2019 ,		1
336	Delta mass shift as a thermometer of kinetic decoupling in Au + Au reactions at 1.23 AGeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019 , 46, 105107	2.9	7
335	The QCD Phase Diagram from Statistical Model Analysis. <i>Nuclear Physics A</i> , 2019 , 982, 827-830	1.3	3
334	Taming the Energy Rise of the Total Proton-Proton Cross-Section. <i>Universe</i> , 2019 , 5, 106	2.5	2
333	Entropy production and reheating at the chiral phase transition. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 790, 557-562	4.2	9
332	Susceptibilities of strongly interacting matter in a finite volume. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019 , 46, 025101	2.9	2
331	Elliptic flow and of mesons at FAIR comparing the UrQMD hybrid model and the coarse-graining approach. <i>European Physical Journal C</i> , 2019 , 79, 52	4.2	5
330	Deuteron production from phase-space coalescence in the UrQMD approach. <i>Physical Review C</i> , 2019 , 99,	2.7	35

329	Production of (Λ)-hypernuclei and evaluation of their binding energies via the double yield ratio. <i>European Physical Journal A</i> , 2019 , 55, 1	2.5	
328	Constraints on the String T-Duality Propagator from the Hydrogen Atom. <i>Symmetry</i> , 2019 , 11, 1478	2.7	2
327	Transverse momentum and rapidity dependence of collective flow harmonics of protons and deuterons in Au + Au reactions at 1.23 AGeV. <i>Astronomische Nachrichten</i> , 2019 , 340, 996-1000	0.7	3
326	Effects of fluctuations and color neutrality in a finite volume. <i>Astronomische Nachrichten</i> , 2019 , 340, 866-871	0.7	1
325	A hadronic transport analysis on the Λ mass in Au + Au reactions at 1.23 AGeV. <i>Astronomische Nachrichten</i> , 2019 , 340, 1018-1022	0.7	2
324	Transport model calculations of deuteron production in relativistic hadron and heavy-ion collisions. <i>Astronomische Nachrichten</i> , 2019 , 340, 977-982	0.7	2
323	Unruh thermal hadronization and the cosmological constant. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 780, 93-99	4.2	2
322	Broadening of the chiral critical region in a hydrodynamically expanding medium. <i>European Physical Journal A</i> , 2018 , 54, 1	2.5	8
321	Higher order net-proton number cumulants dependence on the centrality definition and other spurious effects. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018 , 45, 025101	2.9	7
320	Testing charm quark equilibration in ultrahigh-energy heavy ion collisions with fluctuations. <i>Physical Review C</i> , 2018 , 97,	2.7	1
319	Rapidity gap survival in enhanced Pomeron scheme. <i>European Physical Journal C</i> , 2018 , 78, 67	4.2	6
318	Magneto-hydrodynamic simulations of Heavy Ion Collisions with ECHO-QGP. <i>Journal of Physics: Conference Series</i> , 2018 , 1024, 012043	0.3	4
317	Final state hadronic rescattering with UrQMD. <i>EPJ Web of Conferences</i> , 2018 , 171, 05003	0.3	3
316	The QCD Phase Diagram from Statistical Model Analysis 2018 , 41-64		2
315	Black Holes and High Energy Physics: From Astrophysics to Large Extra Dimensions 2018 , 359-373		1
314	Conserved charge fluctuations are not conserved during the hadronic phase. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 32-37	4.2	11
313	Evolution of the moments of multiplicity distributions. <i>Physical Review C</i> , 2018 , 98,	2.7	1
312	Statistical production and binding energy of hypernuclei. <i>Physical Review C</i> , 2018 , 98,	2.7	7

311	Resonance production in high energy collisions from small to big systems. <i>EPJ Web of Conferences</i> , 2018 , 171, 09002	0.3	8
310	Processes of hypernuclei formation in relativistic ion collisions. <i>EPJ Web of Conferences</i> , 2018 , 171, 13000	0.3	3
309	Event-by-event fluctuations in p+p and central A+A collisions within relativistic transport models. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018 , 45, 115104	2.9	5
308	Production of light hypernuclei with light-ion beams and targets. <i>Physical Review C</i> , 2018 , 98,	2.7	7
307	Panel Discussion, "The Duel" The Good, the Bad, and the Ugly of Gravity and Information. <i>Springer Proceedings in Physics</i> , 2018 , 13-35	0.2	6
306	Three-fluid Hydrodynamics-based Event Simulator Extended by UrQMD final State interactions (THESEUS) for FAIR-NICA-SPSBES/RHIC energies. <i>EPJ Web of Conferences</i> , 2018 , 182, 02056	0.3	6
305	Directed, elliptic and triangular flow of protons in Au+Au reactions at 1.23 A GeV: a theoretical analysis of the recent HADES data. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018 , 45, 085101	2.9	19
304	Hadronization conditions in relativistic nuclear collisions and the QCD pseudo-critical line. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 241-246	4.2	49
303	Sub-threshold strangeness and charm production in UrQMD. <i>Journal of Physics: Conference Series</i> , 2017 , 779, 012017	0.3	2
302	Lateral variations of radiobiological properties of therapeutic fields of H, He, C and O ions studied with Geant4 and microdosimetric kinetic model. <i>Physics in Medicine and Biology</i> , 2017 , 62, 5884-5907	3.8	3
301	AdS/CFT far from equilibrium in a Vaidya setup. <i>Journal of Physics: Conference Series</i> , 2017 , 942, 012020	0.3	5
300	Sub-threshold charm production in nuclear collisions. <i>Physical Review C</i> , 2017 , 95,	2.7	19
299	Formation of hypernuclei in heavy-ion collisions around the threshold energies. <i>Physical Review C</i> , 2017 , 95,	2.7	23
298	Formation of exotic baryon clusters in ultrarelativistic heavy-ion collisions. <i>Physical Review C</i> , 2017 , 96,	2.7	10
297	Influence of the hadronic phase on observables in ultrarelativistic heavy ion collisions. <i>Physical Review C</i> , 2017 , 95,	2.7	16
296	Sub-threshold charm and strangeness production at GSI/FAIR energies. <i>Astronomische Nachrichten</i> , 2017 , 338, 1101-1104	0.7	
295	The QCD Phase Diagram and Hadron Formation in Relativistic Nuclear Collisions 2017 , 139-150		
294	Relativistic ion collisions as the source of hypernuclei. <i>European Physical Journal A</i> , 2016 , 52, 1	2.5	2

293	Formation of hypernuclei in evaporation and fission processes. <i>Physical Review C</i> , 2016 , 94,	2.7	11
292	\bar{p} polarization in peripheral collisions at moderately relativistic energies. <i>Physical Review C</i> , 2016 , 94,	2.7	35
291	Unparticle contribution to the hydrogen atom ground state energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 589-592	4.2	6
290	Heavy quark transport in heavy ion collisions at energies available at the BNL Relativistic Heavy Ion Collider and at the CERN Large Hadron Collider within the UrQMD hybrid model. <i>Physical Review C</i> , 2016 , 93,	2.7	22
289	Hadronic resonance production and interaction in partonic and hadronic matter in the EPOS3 model with and without the hadronic afterburner UrQMD. <i>Physical Review C</i> , 2016 , 93,	2.7	60
288	Color transparency in \bar{p} induced dilepton production on nuclei. <i>Physical Review C</i> , 2016 , 93,	2.7	5
287	Photon and dilepton production at the Facility for Antiproton and Ion Research and beam-energy scan at the Relativistic Heavy-Ion Collider using coarse-grained microscopic transport simulations. <i>Physical Review C</i> , 2016 , 93,	2.7	15
286	Formation of deuterons by coalescence: Consequences for deuteron number fluctuations. <i>Physical Review C</i> , 2016 , 93,	2.7	9
285	Heavy baryonic resonances, multistrange hadrons, and equilibration at energies available at the GSI Schwerionensynchrotron, SIS18. <i>Physical Review C</i> , 2016 , 93,	2.7	13
284	Double parton scattering: Impact of nonperturbative parton correlations. <i>Physical Review D</i> , 2016 , 93,	4.9	8
283	Constraining pion interactions at very high energies by cosmic ray data. <i>Physical Review D</i> , 2016 , 93,	4.9	9
282	Effects of EoS in viscous hydro + cascade model for the RHIC Beam Energy Scan. <i>Nuclear Physics A</i> , 2016 , 956, 834-837	1.3	4
281	Event simulation based on three-fluid hydrodynamics for collisions at energies available at the Dubna Nuclotron-based Ion Collider Facility and at the Facility for Antiproton and Ion Research in Darmstadt. <i>Physical Review C</i> , 2016 , 94,	2.7	31
280	Constraining high energy interaction mechanisms by studying forward hadron production at the LHC. <i>Physical Review D</i> , 2016 , 94,	4.9	8
279	Distributions of deposited energy and ionization clusters around ion tracks studied with Geant4 toolkit. <i>Physics in Medicine and Biology</i> , 2016 , 61, 3698-711	3.8	7
278	Recent results from strangeness in transport models. <i>Journal of Physics: Conference Series</i> , 2016 , 668, 012007	0.3	2
277	Estimating $\bar{\mu}_s$ of QCD matter at high baryon densities. <i>Journal of Physics: Conference Series</i> , 2016 , 668, 012063	0.3	1
276	Appearance of Hagedorn limiting temperature in microscopic model calculations. <i>EPJ Web of Conferences</i> , 2016 , 126, 03006	0.3	1

275	Dileptons in a coarse-grained transport approach. <i>Journal of Physics: Conference Series</i> , 2016 , 668, 012059.3		
274	Test of the X(3872) structure in antiproton-nucleus collisions 2016 ,		1
273	Sub-threshold χ^{-} production by high mass resonances with UrQMD. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016 , 43, 015104	2.9	39
272	Numerical magneto-hydrodynamics for relativistic nuclear collisions. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	84
271	Anomalous hydrodynamics kicks neutron stars. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 170-174	4.2	31
270	Influence of kinematic cuts on the net charge distribution. <i>Nuclear Physics A</i> , 2016 , 956, 336-339	1.3	4
269	Energy, centrality, and momentum dependence of dielectron production at collider energies in a coarse-grained transport approach. <i>Physical Review C</i> , 2016 , 94,	2.7	8
268	Comparative study of dose distributions and cell survival fractions for 1H, 4He, 12C and 16O beams using Geant4 and Microdosimetric Kinetic model. <i>Physics in Medicine and Biology</i> , 2015 , 60, 3313-31	3.8	16
267	Coarse-graining approach for dilepton production at energies available at the CERN Super Proton Synchrotron. <i>Physical Review C</i> , 2015 , 91,	2.7	22
266	Estimation of the shear viscosity at finite net-baryon density from A+A collision data at $\sqrt{s_{NN}}=7.7$ GeV. <i>Physical Review C</i> , 2015 , 91,	2.7	93
265	Dilepton production and reaction dynamics in heavy-ion collisions at SIS energies from coarse-grained transport simulations. <i>Physical Review C</i> , 2015 , 92,	2.7	38
264	Net-proton-number kurtosis and skewness in nuclear collisions: Influence of deuteron formation. <i>Physical Review C</i> , 2015 , 92,	2.7	15
263	Spinodal density enhancements in nuclear collisions at the CBM experiment. <i>Journal of Physics: Conference Series</i> , 2015 , 599, 012014	0.3	
262	Determination of the structure of the X(3872) in pA collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 749, 35-43	4.2	8
261	3+1 dimensional viscous hydrodynamics at high baryon densities. <i>Journal of Physics: Conference Series</i> , 2015 , 612, 012052	0.3	0
260	Dilepton Production in Transport-based Approaches. <i>Journal of Physics: Conference Series</i> , 2015 , 612, 012039	0.3	2
259	In-medium Spectral Functions in a Coarse-Graining Approach. <i>Journal of Physics: Conference Series</i> , 2015 , 599, 012020	0.3	1
258	Electromagnetic probes in heavy-ion collisions. <i>EPJ Web of Conferences</i> , 2015 , 97, 00028	0.3	1

257	Hadron resonance production and final state hadronic interactions with UrQMD at LHC. <i>EPJ Web of Conferences</i> , 2015 , 97, 00026	0.3	9
256	Vector Meson Spectral Functions in a Coarse-Graining Approach. <i>EPJ Web of Conferences</i> , 2015 , 97, 00014	4.3	1
255	Spatio-Temporal Dynamics of Hypoxia during Radiotherapy. <i>PLoS ONE</i> , 2015 , 10, e0133357	3.7	17
254	Formation of hypermatter and hypernuclei within transport models in relativistic ion collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 7-14	4.2	45
253	Modeling a delayed phase transition in the early universe. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 125005	2.9	1
252	A 3+1 dimensional viscous hydrodynamic code for relativistic heavy ion collisions. <i>Computer Physics Communications</i> , 2014 , 185, 3016-3027	4.2	83
251	Microdosimetry spectra and RBE of 1H, 4He, 7Li and 12C nuclei in water studied with Geant4. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014 , 320, 89-99	1.2	23
250	Formation of droplets with high baryon density at the QCD phase transition in expanding matter. <i>Nuclear Physics A</i> , 2014 , 925, 14-24	1.3	39
249	The QCD phase transition in a fully dynamical model of heavy-ion collisions. <i>Journal of Physics: Conference Series</i> , 2014 , 509, 012065	0.3	5
248	Charmonium production in p -induced reactions on nuclei. <i>EPJ Web of Conferences</i> , 2014 , 81, 04007	0.3	
247	How spinodal decomposition influences observables at FAIR energies. <i>Journal of Physics: Conference Series</i> , 2014 , 503, 012004	0.3	
246	Particle Production in Nuclear Collisions: Hadronization and QCD. <i>Journal of Physics: Conference Series</i> , 2014 , 556, 012021	0.3	
245	Radiation quality of cosmic ray nuclei studied with Geant4-based simulations. <i>Journal of Physics: Conference Series</i> , 2014 , 503, 012021	0.3	
244	Dilepton Production in Transport Calculations and Coarse-Grained Dynamics. <i>Journal of Physics: Conference Series</i> , 2014 , 503, 012039	0.3	2
243	Strangeness in Quark Matter: Opening Talk. <i>Journal of Physics: Conference Series</i> , 2014 , 509, 012002	0.3	4
242	Beam energy scan using a viscous hydro+cascade model. <i>Journal of Physics: Conference Series</i> , 2014 , 509, 012067	0.3	4
241	3+1 dimensional viscous hydrodynamics at high baryon densities. <i>Journal of Physics: Conference Series</i> , 2014 , 503, 012040	0.3	11
240	Deep sub-threshold Λ and $\bar{\Lambda}$ production in nuclear collisions with the UrQMD transport model. <i>Physical Review C</i> , 2014 , 90,	2.7	36

239	Vorticity in peripheral collisions at the Facility for Antiproton and Ion Research and at the JINR Nuclotron-based Ion Collider fAcility. <i>Physical Review C</i> , 2014 , 90,	2.7	33
238	Evidence for flow from hydrodynamic simulations of p-Pb collisions at 5.02 TeV from v2 mass splitting. <i>Physical Review Letters</i> , 2014 , 112, 232301	7.4	96
237	Polarized η -charmonium production in antiproton-nucleus interactions. <i>Physical Review C</i> , 2014 , 89,	2.7	4
236	Collisional processes of on-shell and off-shell heavy quarks in vacuum and in the quark-gluon plasma. <i>Physical Review C</i> , 2014 , 89,	2.7	45
235	Twisted emission geometry in noncentral Pb + Pb collisions measurable via azimuthally sensitive Hanbury-Brown-Twiss correlations. <i>Physical Review C</i> , 2014 , 89,	2.7	8
234	Examination of directed flow as a signal for a phase transition in relativistic nuclear collisions. <i>Physical Review C</i> , 2014 , 89,	2.7	48
233	Mini-review on mini-black holes from the mini-Big Bang. <i>Astronomische Nachrichten</i> , 2014 , 335, 605-611	0.7	6
232	Centrality dependence of hadronization and chemical freeze-out conditions in heavy ion collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2014 , 90,	2.7	54
231	Hybrid Modeling of Heavy-ion Collisions in UrQMD. <i>Acta Physica Polonica B, Proceedings Supplement</i> , 2014 , 7, 173	1.8	2
230	Microdosimetry of radiation field from a therapeutic ^{12}C beam in water: A study with Geant4 toolkit. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013 , 310, 37-53	1.2	15
229	System size and energy dependence of dilepton production in heavy-ion collisions at 1-2 GeV/nucleon energies. <i>Physical Review C</i> , 2013 , 87,	2.7	32
228	Hadron formation in relativistic nuclear collisions and the QCD phase diagram. <i>Physical Review Letters</i> , 2013 , 111, 082302	7.4	130
227	Influence of an inhomogeneous and expanding medium on signals of the QCD phase transition. <i>Nuclear Physics A</i> , 2013 , 904-905, 899c-902c	1.3	11
226	Possibility for J/ψ suppression in high-multiplicity proton-proton collisions at $\sqrt{s_{NN}}=7$ TeV. <i>Physical Review C</i> , 2013 , 87,	2.7	3
225	Recent HBT Results from a Hybrid Transport Approach to Heavy Ion Reactions 2013 , 237-242		
224	Relativistic hydrodynamics on graphic cards. <i>Computer Physics Communications</i> , 2013 , 184, 311-319	4.2	8
223	In silico analysis of cell cycle synchronisation effects in radiotherapy of tumour spheroids. <i>PLoS Computational Biology</i> , 2013 , 9, e1003295	5	31
222	The impact of dissipation and noise on fluctuations in chiral fluid dynamics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013 , 40, 055108	2.9	36

221	The Physics of EPOS. <i>EPJ Web of Conferences</i> , 2013 , 52, 05001	0.3	2
220	Charmonium production in antiproton-nucleus reactions at low energies. <i>Physical Review C</i> , 2013 , 87,	2.7	13
219	Nonthermal p/\bar{p} ratio at LHC as a consequence of hadronic final state interactions. <i>Physical Review Letters</i> , 2013 , 110, 042501	7.4	77
218	Chiral fluid dynamics with explicit propagation of the Polyakov loop. <i>Physical Review C</i> , 2013 , 87,	2.7	54
217	Mechanisms for the production of hypernuclei beyond the neutron and proton drip lines. <i>Physical Review C</i> , 2013 , 88,	2.7	25
216	Monte Carlo simulations of Microdosimetry for Space Research at FAIR. <i>Journal of Physics: Conference Series</i> , 2013 , 426, 012006	0.3	4
215	UrQMD calculations of two-pion HBT correlations in p+p and Pb+Pb collisions at LHC energies. <i>Journal of Physics: Conference Series</i> , 2013 , 420, 012039	0.3	4
214	Jets, Bulk Matter, and their Interaction in Heavy Ion Collisions at the LHC. <i>Journal of Physics: Conference Series</i> , 2013 , 422, 012001	0.3	0
213	Signals for the QCD phase transition and critical point in a Langevin dynamical model. <i>Journal of Physics: Conference Series</i> , 2013 , 426, 012008	0.3	
212	Dilepton production at SIS energies with the UrQMD model. <i>Journal of Physics: Conference Series</i> , 2013 , 426, 012033	0.3	7
211	Heavy quark transport at RHIC and LHC. <i>Journal of Physics: Conference Series</i> , 2013 , 426, 012032	0.3	11
210	Medium information from anisotropic flow and jet quenching in relativistic heavy ion collisions. <i>Journal of Physics: Conference Series</i> , 2013 , 420, 012027	0.3	3
209	Production of hypernuclei in peripheral collisions of relativistic ions. <i>Nuclear Physics A</i> , 2012 , 881, 228-239	0.3	15
208	Suppression of high p_T hadrons in Pb + Pb collisions at LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 82-86	4.2	22
207	Equilibration and relaxation times at the chiral phase transition including reheating. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 711, 109-116	4.2	39
206	Recent developments on the UrQMD hybrid model. <i>Physics of Atomic Nuclei</i> , 2012 , 75, 759-763	0.4	0
205	Femtoscopy within a hydrodynamic approach based on flux tube initial conditions. <i>Physics of Particles and Nuclei Letters</i> , 2012 , 9, 244-247	0.5	
204	Hadronization and hadronic freeze-out in relativistic nuclear collisions. <i>Physical Review C</i> , 2012 , 85,	2.7	44

203	Ultrarelativistic quantum molecular dynamics calculations of two-pion Hanbury-Brown-Twiss correlations in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2012 , 85,	2.7	20
202	Hypernuclei, dibaryon and antinuclei production in high energy heavy ion collisions: Thermal production vs. coalescence. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 85-91	4.2	106
201	System size dependence of the non-monotonous pion freeze-out volume excitation function. <i>Open Physics</i> , 2012 , 10,	1.3	1
200	Net-baryon-, net-proton-, and net-charge kurtosis in heavy-ion collisions within a relativistic transport approach. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	33
199	Nanolesions induced by heavy ions in human tissues: Experimental and theoretical studies. <i>Beilstein Journal of Nanotechnology</i> , 2012 , 3, 556-63	3	5
198	Stability of transport models under changes of resonance parameters: A study with the ultrarelativistic quantum molecular dynamics model. <i>Physical Review C</i> , 2012 , 85,	2.7	2
197	Resonance studies with the UrQMD model. <i>EPJ Web of Conferences</i> , 2012 , 36, 00019	0.3	1
196	Physics on the smallest scales: an introduction to minimal length phenomenology. <i>European Journal of Physics</i> , 2012 , 33, 853-862	0.8	73
195	Extraction of the sound velocity from rapidity spectra: Evidence for QGP formation at FAIR/RHIC-BES energies. <i>European Physical Journal A</i> , 2012 , 48, 1	2.5	16
194	. <i>Acta Physica Polonica B</i> , 2012 , 43, 731	1.9	14
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