

Ulrich Heinz

List of Publications by Year in descending order

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238
papers

17,663
citations

13865

67
h-index

14759

127
g-index

243
all docs

243
docs citations

243
times ranked

5907
citing authors

#	ARTICLE	IF	CITATIONS
1	The BEST framework for the search for the QCD critical point and the chiral magnetic effect. Nuclear Physics A, 2022, 1017, 122343.	1.5	51
2	Non-conformal attractor in boost-invariant plasmas. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136820.	4.1	28
3	Nonconformal kinetic theory and hydrodynamics for Bjorken flow. Physical Review C, 2022, 105, .	2.9	21
4	Efficient emulation of relativistic heavy ion collisions with transfer learning. Physical Review C, 2022, 105, .	2.9	5
5	Prehydrodynamic evolution and its impact on quark-gluon plasma signatures. Physical Review C, 2022, 105, .	2.9	2
6	Particlization in fluid dynamical simulations of heavy-ion collisions: The iS3D module. Computer Physics Communications, 2021, 258, 107604.	7.5	21
7	JETSCAPE Collaboration. Nuclear Physics A, 2021, 1005, 122091.	1.5	0
8	Dynamics of QCD matter " current status. International Journal of Modern Physics E, 2021, 30, 2130001.	1.0	20
9	Get on the BAND Wagon: a Bayesian framework for quantifying model uncertainties in nuclear dynamics. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 072001.	3.6	42
10	Multisystem Bayesian constraints on the transport coefficients of QCD matter. Physical Review C, 2021, 103, .	2.9	118
11	Modified equilibrium distributions for Cooper-Frye particlization. Physical Review C, 2021, 103, .	2.9	10
12	Phenomenological Constraints on the Transport Properties of QCD Matter with Data-Driven Model Averaging. Physical Review Letters, 2021, 126, 242301.	7.8	82
13	Maximum entropy kinetic matching conditions for heavy-ion collisions. Physical Review C, 2021, 103, .	2.9	9
14	Anisotropic fluid dynamical simulations of heavy-ion collisions. Computer Physics Communications, 2021, 267, 108077.	7.5	7
15	Baryon transport and the QCD critical point. Physical Review C, 2021, 104, .	2.9	11
16	(3+1)-dimensional dissipative relativistic fluid dynamics at non-zero net baryon density. Computer Physics Communications, 2020, 251, 107090.	7.5	34
17	Hydrodynamics from free-streaming to thermalization and back again. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135158.	4.1	28
18	Fluctuation dynamics near the QCD critical point. Physical Review C, 2020, 102, .	2.9	31

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19	Exploring the influence of bulk viscosity of QCD on dilepton tomography. Physical Review C, 2020, 101, .	2.9	12
20	Hydrodynamic generators in relativistic kinetic theory. Physical Review C, 2020, 101, .	2.9	7
21	Hydrodynamic flow in small systems or: "How the heck is it possible that a system emitting only a dozen particles can be described by fluid dynamics?" Journal of Physics: Conference Series, 2019, 1271, 012018.	0.4	21
22	Exact solutions and attractors of higher-order viscous fluid dynamics for Bjorken flow. Physical Review C, 2019, 100, .	2.9	47
23	Hybrid model with dynamical sources for heavy-ion collisions at BES energies. Nuclear Physics A, 2019, 982, 407-410.	1.5	25
24	Viscous hydrodynamics for nonconformal anisotropic fluids. Nuclear Physics A, 2019, 982, 915-918.	1.5	1
25	A resummed method of moments for the relativistic hydrodynamic expansion. Nuclear Physics A, 2019, 982, 919-922.	1.5	5
26	Thermalization & hydrodynamics in Bjorken & Gubser flows. Nuclear Physics A, 2019, 982, 287-290.	1.5	2
27	Resummed hydrodynamic expansion for a plasma of particles interacting with fields. Physical Review D, 2019, 99, .	4.7	11
28	Massively parallel simulations of relativistic fluid dynamics on graphics processing units with CUDA. Computer Physics Communications, 2018, 225, 92-113.	7.5	25
29	Hanbury-Brown "Twiss correlation functions and radii from event-by-event hydrodynamics. Physical Review C, 2018, 98, .	2.9	8
30	Higher order and anisotropic hydrodynamics for Bjorken and Gubser flows. Physical Review C, 2018, 97, .	2.9	21
31	(T_j ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 272 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mr	2.9	19
32	Differential flow correlations in relativistic heavy-ion collisions. Physical Review C, 2017, 95, .	2.9	14
33	Viscous anisotropic hydrodynamics for the Gubser flow. Nuclear Physics A, 2017, 967, 413-416.	1.5	1
34	Bulk viscous effects on flow and dilepton radiation in a hybrid approach. Nuclear Physics A, 2017, 967, 692-695.	1.5	1
35	Optimized fluid dynamics for heavy ion collisions. Nuclear Physics A, 2017, 967, 433-436.	1.5	0
36	Anisotropic fluid dynamics for Gubser flow. Physical Review C, 2017, 95, .	2.9	31

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37	Nonlinear dynamics from the relativistic Boltzmann equation in the Friedmann-Lemaître-Robertson-Walker spacetime. <i>Physical Review D</i> , 2016, 94, .	4.7	33
38	Introduction to Hydrodynamics. , 2016, , 131-187.		13
39	Observable consequences of event-by-event fluctuations of HBT radii. <i>Nuclear Physics A</i> , 2016, 956, 381-384.	1.5	3
40	Pre-equilibrium dynamics and heavy-ion observables. <i>Nuclear Physics A</i> , 2016, 956, 549-552.	1.5	13
41	Exact solutions of the Boltzmann equation and optimized hydrodynamic approaches for relativistic heavy-ion collisions. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 276-278, 193-196.	0.5	16
42	Initial-state fluctuations in collisions between light and heavy ions. <i>Physical Review C</i> , 2016, 94, .	2.9	43
43	Applying Bayesian parameter estimation to relativistic heavy-ion collisions: Simultaneous characterization of the initial state and quark-gluon plasma medium. <i>Physical Review C</i> , 2016, 94, .	2.9	316
44	Mode-coupling effects in anisotropic flow in heavy-ion collisions. <i>Physical Review C</i> , 2016, 93, .	2.9	56
45	Analytic Solution of the Boltzmann Equation in an Expanding System. <i>Physical Review Letters</i> , 2016, 116, 022301.	7.8	38
46	Hydrodynamic flow amplitude correlations in event-by-event fluctuating heavy-ion collisions. <i>Physical Review C</i> , 2016, 94, .	2.9	27
47	The iEBE-VISHNU code package for relativistic heavy-ion collisions. <i>Computer Physics Communications</i> , 2016, 199, 61-85.	7.5	302
48	Interferometric signatures of the temperature dependence of the specific shear viscosity in heavy-ion collisions. <i>Physical Review C</i> , 2015, 91, .	2.9	8
49	Nonconformal viscous anisotropic hydrodynamics. <i>Physical Review C</i> , 2015, 91, .	2.9	34
50	Pre-equilibrium evolution effects on heavy-ion collision observables. <i>Physical Review C</i> , 2015, 91, .	2.9	51
51	Shape and flow fluctuations in ultracentral Pb + Pb collisions at the energies available at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2015, 92, .	2.9	31
52	Probing the properties of event-by-event distributions in Hanbury-Brown-Twiss radii. <i>Physical Review C</i> , 2015, 92, .	2.9	9
53	Collision geometry and flow in uranium+Uranium collisions. <i>Physical Review C</i> , 2015, 92, .	2.9	34
54	Leading-order anisotropic hydrodynamics for central collisions. <i>Physical Review C</i> , 2015, 92, .	2.9	28

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73	Collective Flow and Viscosity in Relativistic Heavy-Ion Collisions. Annual Review of Nuclear and Particle Science, 2013, 63, 123-151.	10.2	949
74	Imprinting Quantum Fluctuations on Hydrodynamic Initial Conditions. Nuclear Physics A, 2013, 904-905, 815c-818c.	1.5	11
75	Fluctuating flow angles and anisotropic flow measurements. Physical Review C, 2013, 87, .	2.9	86
76	Hanbury-Brown-Twiss interferometry relative to the triangular flow plane in heavy-ion collisions. Physical Review C, 2013, 88, .	2.9	13
77	Towards the Little Bang Standard Model. Journal of Physics: Conference Series, 2013, 455, 012044.	0.4	45
78	The viscosity of quark-gluon plasma at RHIC and the LHC. AIP Conference Proceedings, 2012, , .	0.4	58
79	Event-by-event hydrodynamics for heavy-ion collisions. , 2012, , .		13
80	Collision energy dependence of viscous hydrodynamic flow in relativistic heavy-ion collisions. Physical Review C, 2012, 85, .	2.9	64
81	Resonance decay contributions to higher-order anisotropic flow coefficients. Physical Review C, 2012, 86, .	2.9	10
82	Hydrodynamic event-plane correlations in Pb + Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 261-265.		
83	Hydrodynamic event-plane correlations in Pb + Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 151-155.	4.1	199
84	Systematic comparison of jet quenching in different fluid-dynamical models. Physical Review C, 2011, 83, .	2.9	32
85	Event-by-event shape and flow fluctuations of relativistic heavy-ion collision fireballs. Physical Review C, 2011, 84, .	2.9	270
86	Radial and elliptic flow in Pb + Pb collisions at the CERN Large Hadron Collider from viscous hydrodynamics. Physical Review C, 2011, 84, .	2.9	183
87	Au + Au collisions and $\sqrt{s} = 200$ GeV. Physical Review C, 2011, 83, .	2.9	109
88	Collisions Serve a Nearly Perfect Quark-Gluon Liquid. Physical Review Letters, 2011, 106, 192301.	7.8	380
89	Viscous QCD matter in a hybrid hydrodynamic+Boltzmann approach. Physical Review C, 2011, 83, .	2.9	134
90	Hadron spectra and elliptic flow for $\sqrt{s} = 200$ GeV from viscous hydrodynamics coupled to a Boltzmann cascade. Physical Review C, 2011, 83, .	2.9	105

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91	Energy dependent growth of the nucleon and hydrodynamic initial conditions. Physical Review C, 2011, 84, .	2.9	16
92	Hydrodynamic flow in heavy-ion collisions with large hadronic viscosity. Physical Review C, 2011, 83, .	2.9	23
93	The QGP shear viscosityâ€“elusive goal or just around the corner?. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124045.	3.6	42
94	Systematics of parton-medium interaction from RHIC to LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124089.	3.6	2
95	Exploring evolution of anisotropy with electromagnetic radiation. Indian Journal of Physics, 2010, 84, 1795-1799.	1.8	1
96	Interplay of shear and bulk viscosity in generating flow in heavy-ion collisions. Physical Review C, 2010, 81, .	2.9	107
97	Systematic parameter study of hadron spectra and elliptic flow from viscous hydrodynamic simulations of Au collisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2010, 81, 054907.	2.9	126
98	Early Collective Expansion: Relativistic Hydrodynamics and the Transport Properties of QCD Matter. Landolt-Börnstein - Group I Elementary Particles, Nuclei and Atoms, 2010, , 240-292.	0.2	18
99	Photon Hanbury-Brownâ€“Twiss interferometry for noncentral heavy-ion collisions. Physical Review C, 2009, 80, .	2.9	7
100	Energy and Momentum Deposited into a QCD Medium by a Jet Shower. Physical Review Letters, 2009, 103, 152303.	7.8	56
101	The strongly coupled quarkâ€“gluon plasma created at RHIC. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 214003.	2.1	32
102	Can the energy dependence of elliptic flow reveal the QGP phase transition?. Nuclear Physics A, 2009, 830, 287c-290c.	1.5	4
103	Viscous hydrodynamics with bulk viscosity â€“ uncertainties from relaxation time and initial conditions. Nuclear Physics A, 2009, 830, 467c-470c.	1.5	17
104	Hydrodynamic radial and elliptic flow in heavy-ion collisions from $\sqrt{s} = 2.76$ to $\sqrt{s} = 2.76$ GeV. European Physical Journal C, 2009, 61, 545-552.	3.9	39
105	Extracting the QGP viscosity from RHIC dataâ€“a status report from viscous hydrodynamics. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 064033.	3.6	159
106	Viscosity from elliptic flow: Clearing the path towards precision. Physical Review C, 2009, 80, .	2.9	24
107	Suppression of elliptic flow in a minimally viscous quarkâ€“gluon plasma. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 658, 279-283.	4.1	340
108	JozsÃ¡f's Legacy: Chemical and kinetic freeze-out in heavy-ion collisions. European Physical Journal: Special Topics, 2008, 155, 75-87.	2.6	16

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109	Two-particle correlations in the wave function and covariant current approaches. <i>Physics of Atomic Nuclei</i> , 2008, 71, 1632-1646.	0.4	2
110	Heavy-ion collisions at the LHC—Last call for predictions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 054001.	3.6	255
111	Causal viscous hydrodynamics in 2 + 1 dimensions for relativistic heavy-ion collisions. <i>Physical Review C</i> , 2008, 77, .	2.9	393
112	Causal relativistic hydrodynamics for viscous fluids. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 104126.	3.6	15
113	Hadronic dissipative effects on transverse dynamics at RHIC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 104124.	3.6	1
114	Photons from nuclear collisions at RHIC energies. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 104119.	3.6	12
115	Electromagnetic radiation from nuclear collisions at ultrarelativistic energies. <i>Physical Review C</i> , 2008, 77, .	2.9	85
116	Mass ordering of differential elliptic flow and its violation for $\bar{\Lambda}$ mesons. <i>Physical Review C</i> , 2008, 77, .	2.9	101
117	Multiplicity scaling in ideal and viscous hydrodynamics. <i>Physical Review C</i> , 2008, 78, .	2.9	227
118	Elliptic flow of thermal dileptons in relativistic nuclear collisions. <i>Physical Review C</i> , 2007, 75, .	2.9	50
119	Family of equations of state based on lattice QCD: Impact on flow in ultrarelativistic heavy-ion collisions. <i>Physical Review C</i> , 2007, 76, .	2.9	68
120	Elliptic flow from a hybrid CGC, full 3D hydro and hadronic cascade model. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007, 34, S879-S882.	3.6	44
121	Evolution of pion HBT radii from RHIC to LHC— predictions from ideal hydrodynamics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007, 34, 2249-2254.	3.6	26
122	Effect of jet quenching on hydrodynamical evolution of QGP. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007, 34, S689-S692.	3.6	2
123	Fitted HBT radii versus space-time variances in flow-dominated models. <i>Brazilian Journal of Physics</i> , 2007, 37, 903-914.	1.4	1
124	Elliptic Flow of Thermal Photons/Dileptons. <i>Nuclear Physics A</i> , 2007, 783, 379-386.	1.5	21
125	Equation of State and Collective Dynamics. <i>Journal of Physics: Conference Series</i> , 2006, 50, 230-237.	0.4	11
126	Hydrodynamical evolution of dissipative QGP fluid. <i>Journal of Physics: Conference Series</i> , 2006, 50, 251-258.	0.4	18

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127	Hadronic dissipative effects on elliptic flow in ultrarelativistic heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 636, 299-304. Gluon saturation effects in relativistic heavy-ion collisions. Nuclear Physics A, 2006, 774, 1-10.	4.1	381
128	Elliptic flow of thermal photons in relativistic nuclear collisions. Physical Review Letters, 2006, 96, 202302.	4.1	22
129	Quark-gluon plasma at RHIC. Nuclear Physics A, 2003, 721, C30-C39.	1.5	10
130	Fitted Hanbury-Brown-Twiss radii versus space-time variances in flow-dominated models. Physical Review C, 2006, 73, .	2.9	23
131	Dissipative hydrodynamics for viscous relativistic fluids. Physical Review C, 2006, 73, .	2.9	156
132	Elliptic Flow of Thermal Photons in Relativistic Nuclear Collisions. Physical Review Letters, 2006, 96, 202302.	7.8	121
133	Multiplicity distribution and source deformation in full-overlap U+U collisions. Physical Review C, 2005, 72, .	2.9	43
134	Anisotropic Flow and Jet Quenching in Ultrarelativistic U+U Collisions. Physical Review Letters, 2005, 94, 132301.	7.8	64
135	Hydrodynamics at RHIC: how well does it work, where and how does it break down?. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S717-S724.	3.6	59
136	HYDRODYNAMIC DESCRIPTION OF ULTRARELATIVISTIC HEAVY-ION COLLISIONS. , 2004, , 634-714.		111
137	Hydrodynamic emission of strange and non-strange particles at RHIC and LHC. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S251-S256.	3.6	3
138	Rapidity dependent momentum anisotropy at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1229-S1233.	3.6	40
139	Projected three-pion correlation functions. Physical Review C, 2004, 70, .	2.9	17
140	Reconstructing the Freeze-out State in Pb+Pb Collisions at 158 A GeV/c. Acta Physica Hungarica A Heavy Ion Physics, 2003, 17, 105-143.	0.4	25
141	Elliptic flow from partially thermalized heavy-ion collisions. Nuclear Physics A, 2003, 715, 649c-652c.	1.5	5
142	Emission angle dependent HBT at RHIC and beyond. Nuclear Physics A, 2003, 715, 653c-656c.	1.5	24
143	The quark-gluon plasma at RHIC. Nuclear Physics A, 2003, 721, C30-C39.	1.5	43
144	Symmetry constraints for the emission angle dependence of Hanbury-Brown-Twiss radii. Physical Review C, 2002, 66, .	2.9	42

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145	Elliptic flow from a transversally thermalized fireball. <i>Physical Review C</i> , 2002, 66, .	2.9	38
146	Emission angle dependent pion interferometry at RHIC and beyond. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 542, 216-222.	4.1	41
147	Early thermalization at RHIC. <i>Nuclear Physics A</i> , 2002, 702, 269-280.	1.5	409
148	Elliptic flow at SPS and RHIC: from kinetic transport to hydrodynamics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 500, 232-240.	4.1	373
149	Radial and elliptic flow at RHIC: further predictions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 503, 58-64.	4.1	737
150	Centrality dependence of multiplicity, transverse energy, and elliptic flow from hydrodynamics. <i>Nuclear Physics A</i> , 2001, 696, 197-215.	1.5	280
151	Multiboson Effects in Bose-Einstein Interferometry and the Multiplicity Distribution. <i>Annals of Physics</i> , 2001, 288, 325-360.	2.8	14
152	Tilted pion sources from azimuthally sensitive HBT interferometry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 489, 287-292.	4.1	51
153	Four-point spectral functions and Ward identities in hot QED. <i>Physical Review D</i> , 2000, 61, .	4.7	9
154	Hochschulrektorenkonferenz: Evaluierung soll die Qualität der Lehre verbessern//DPG-Stellungnahme zum Atomteststoppvertrag/FuE-Aufwendungen der Wirtschaft weiter steigend/USA: Clintons Abschiedsgeschenk/Informationstechnologie ohne DOE?/Livermore will NIF retten/Steuerbegünstigte Neutronenquelle/US-Army fördert Quantenteleportation/Clinton für sicheres Internet/Erfinder der blauen LED geht in die USA/Synchrotronstrahlungsquelle kommt nach Oxford/Frankreich: Die französische Wissenschaft weicht nicht zurück. <i>Physik Journal</i> , 2000, 56, 6-18.	0.1	0
155	Fluctuation Probes of Quark Deconfinement. <i>Physical Review Letters</i> , 2000, 85, 2072-2075.	7.8	367
156	Bose-Einstein correlations in a space-time approach to e^+e^- annihilation into hadrons. <i>Physical Review D</i> , 2000, 61, .	4.7	15
157	Anisotropic transverse flow and the quark-hadron phase transition. <i>Physical Review C</i> , 2000, 62, .	2.9	447
158	Strange messages: chemical and thermal freeze-out in nuclear collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1999, 25, 263-274.	3.6	31
159	Thermal analysis of particle yields from RQMD. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1999, 25, 363-371.	3.6	9
160	Coalescence and flow in ultrarelativistic heavy ion collisions. <i>Physical Review C</i> , 1999, 59, 1585-1602.	2.9	185
161	Thermal analysis of hadron multiplicities from relativistic quantum molecular dynamics. <i>Physical Review C</i> , 1999, 59, 1637-1645.	2.9	23
162	Particle interferometry for relativistic heavy-ion collisions. <i>Physics Reports</i> , 1999, 319, 145-230.	25.6	317

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163	Kinetic freeze-out and radial flow in 11.6 A GeV Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 457, 353-358.	4.1	22
164	Primordial hadrosynthesis in the little bang. Nuclear Physics A, 1999, 661, 140-149.	1.5	83
165	Anisotropic flow from AGS to LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 667-673.	4.1	134
166	Hydrodynamic simulation of elliptic flow. Nuclear Physics A, 1999, 661, 349-352.	1.5	25
167	TWO-PARTICLECORRELATIONS INRELATIVISTICHEAVY-IONCOLLISIONS. Annual Review of Nuclear and Particle Science, 1999, 49, 529-579.	10.2	190
168	Wigner Functions in Covariant and Single-Time Formulations. Annals of Physics, 1998, 266, 351-416.	2.8	42
169	Hadronic observables: Theoretical highlights. Nuclear Physics A, 1998, 638, 357c-364c.	1.5	23
170	Reconstructing the source in heavy ion collisions from particle interferometry. Nuclear Physics A, 1998, 638, 475c-478c.	1.5	18
171	On the kinetic theory of rarefied gas suspensions. Journal of Chemical Physics, 1998, 108, 3694-3708.	3.0	1
172	n-point functions at finite temperature. Journal of Physics G: Nuclear and Particle Physics, 1998, 24, 1861-1868.	3.6	18
173	Massive gluons and quarks and the equation of state obtained from SU(3) lattice QCD. Physical Review C, 1998, 57, 1879-1890.	2.9	243
174	Resolving the space-time structure of sonoluminescence by intensity interferometry. Physical Review E, 1998, 58, 526-531.	2.1	6
175	Multiboson effects and the normalization of the two-pion correlation function. Physical Review C, 1998, 58, 3757-3760.	2.9	13
176	Final state interactions in two-particle interferometry. Physical Review C, 1998, 57, 1428-1439.	2.9	26
177	Equal-time hierarchies for quantum transport theory. Physical Review D, 1998, 57, 6525-6543.	4.7	39
178	Resonance contributions to Hanbury-Brown-Twiss correlation radii. Physical Review C, 1997, 56, 3265-3286.	2.9	75
179	Global hydrodynamics with continuous freeze-out. Physical Review C, 1997, 56, 439-452.	2.9	17
180	Thermalization and Lyapunov exponents in Yang-Mills-Higgs theory. Physical Review D, 1997, 55, 2464-2476.	4.7	28

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181	New class of Hanbury-Brownâ€Twiss parameters. Physical Review C, 1997, 56, R610-R613.	2.9	18
182	What can we learn from three-pion interferometry?. Physical Review C, 1997, 56, 426-431.	2.9	69
183	Gauge Invariance of Resummation Schemes: The QCD Partition Function. Annals of Physics, 1997, 261, 1-36.	2.8	2
184	Relativistic Quantum Transport Theory for Electrodynamics. Annals of Physics, 1996, 245, 311-338.	2.8	83
185	How to extract physics from HBT radius parameters. Nuclear Physics A, 1996, 610, 264-277.	1.5	53
186	Transverse momentum dependence of Hanbury-Brownâ€Twiss correlation radii. Physical Review C, 1996, 53, 918-931.	2.9	63
187	Viscosity in hot scalar field theory. Physical Review D, 1996, 53, 5978-5981.	4.7	21
188	Plasmon in hot \mathbb{Z}_4 theory. Physical Review D, 1996, 53, 899-910.	4.7	45
189	Entropy production by resonance decays. Physical Review C, 1996, 54, 3199-3211.	2.9	6
190	Relativistic kinetic equations for electromagnetic, scalar, and pseudoscalar interactions. Physical Review D, 1996, 53, 2096-2101.	4.7	22
191	Remarks on "Relativistic kinetic equations for electromagnetic, scalar, and pseudoscalar interactions". Physical Review D, 1996, 54, 4175-4176.	4.7	6
192	The out-longitudinal cross term and other model independent features of the two-particle HBT correlation function. Nuclear Physics A, 1995, 590, 449-452.	1.5	8
193	New Cross Term in the Two-Particle Hanbury-Brownâ€Twiss Correlation Function in Ultrarelativistic Heavy-Ion Collisions. Physical Review Letters, 1995, 74, 4400-4403.	7.8	127
194	Extracting source parameters from Gaussian fits to two-particle correlations. Physical Review C, 1995, 52, 2694-2703.	2.9	78
195	Strangeness conservation in hot nuclear fireballs. Physical Review D, 1995, 51, 3408-3435.	4.7	84
196	Hydrodynamical assessment of 200A GeV collisions. Physical Review C, 1994, 50, 1675-1683.	2.9	73
197	Coalescence model for deuterons and antideuterons in relativistic heavy-ion collisions. Physical Review C, 1994, 50, 1110-1128.	2.9	15
198	Strange matter lumps in the early Universe. Physical Review D, 1994, 50, 4771-4780.	4.7	12

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199	Towards Relativistic Transport-Theory of Nuclear Matter. <i>Annals of Physics</i> , 1994, 229, 1-54.	2.8	92
200	HBT correlators - current formalism vs. Wigner function formulation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 340, 250-253.	4.1	53
201	Strangeness production and chemical equilibration in relativistic nuclear collisions. <i>Nuclear Physics A</i> , 1994, 566, 205-216.	1.5	29
202	Hadron spectra and collective flow in 200 A GeV S + S collisions. <i>Progress in Particle and Nuclear Physics</i> , 1993, 30, 401-402.	14.4	2
203	Evidence for a phase with high specific entropy in nuclear collisions. <i>Physical Review Letters</i> , 1993, 70, 3530-3533.	7.8	89
204	Relativistic hydrodynamics in a global fashion. <i>Physical Review C</i> , 1993, 47, 1738-1750.	2.9	40
205	Thermal phenomenology of hadrons from 200A GeV S+S collisions. <i>Physical Review C</i> , 1993, 48, 2462-2475.	2.9	810
206	Criterion for the applicability of standard thermodynamics in heavy ion collisions. <i>Physical Review C</i> , 1993, 48, R530-R534.	2.9	0
207	Phase structure of strange matter. <i>Physical Review D</i> , 1993, 47, 2068-2080.	4.7	34
208	Fireball Spectra. <i>NATO ASI Series Series B: Physics</i> , 1993, , 175-206.	0.2	10
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