

Johann Rafelski

List of Publications by Year in descending order

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268
papers

9,645
citations

57758

44
h-index

45317

90
g-index

275
all docs

275
docs citations

275
times ranked

5446
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation reaction and limiting acceleration. <i>Physical Review D</i> , 2022, 105, .	4.7	5
2	Reactions Governing Strangeness Abundance in Primordial Universe. <i>EPJ Web of Conferences</i> , 2022, 259, 13001.	0.3	1
3	Cosmological strangeness abundance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 827, 136944.	4.1	2
4	Emergence of periodic in magnetic moment effective QED action. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 831, 137190.	4.1	2
5	Motion of classical charged particles with magnetic moment in external plane-wave electromagnetic fields. <i>Physical Review A</i> , 2021, 103, .	2.5	4
6	Current-conserving relativistic linear response for collisional plasmas. <i>Annals of Physics</i> , 2021, 434, 168605.	2.8	7
7	Particle production at a finite potential step: transition from Euler-Heisenberg to Klein paradox. <i>European Physical Journal A</i> , 2021, 57, 1.	2.5	1
8	Electron electromagnetic-mass melting in strong fields. <i>Physical Review D</i> , 2020, 102, .	4.7	2
9	Radiation reaction friction: Resistive material medium. <i>Physical Review D</i> , 2020, 102, .	4.7	4
10	Discovery of Quark-Gluon Plasma: Strangeness Diaries. <i>European Physical Journal: Special Topics</i> , 2020, 229, 1-140.	2.6	16
11	Die Erste Stunde (The First Hour). <i>FIAS Interdisciplinary Science Series</i> , 2020, , 331-349.	0.1	0
12	Classical neutral point particle in linearly polarized EM plane wave field. <i>Plasma Physics and Controlled Fusion</i> , 2019, 61, 084006.	2.1	1
13	Virtual axion-like particle Complement to Euler-Heisenberg-Schwinger action. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 791, 331-334.	4.1	10
14	Magnetic dipole moment in relativistic quantum mechanics. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	19
15	Measurement of the Lorentz-FitzGerald body contraction. <i>European Physical Journal A</i> , 2018, 54, 1.	2.5	1
16	Relativistic dynamics of point magnetic moment. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	9
17	Strong fields and neutral particle magnetic moment dynamics. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 074006.	2.1	9
18	Vacuum stabilized by anomalous magnetic moment. <i>Physical Review D</i> , 2018, 98, .	4.7	5

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19	Topical Issue on Frontiers in Nuclear, Heavy Ion and Strong Field Physics. European Physical Journal A, 2018, 54, 1.	2.5	1
20	From Strangeness Enhancement to Quarkâ€“Gluon Plasma Discovery. , 2018, , 221-248.		0
21	Relativity Matters. , 2017, , .		15
22	The relativistic foundations of synchrotron radiation. Journal of Synchrotron Radiation, 2017, 24, 898-901.	2.4	5
23	From strangeness enhancement to quarkâ€“gluon plasma discovery. International Journal of Modern Physics A, 2017, 32, 1730024.	1.5	22
24	Probing QED Vacuum with Heavy Ions. , 2017, , 211-251.		20
25	The hot Hagedorn Universe. Presented at the ICFNP2015 meeting, August 2015. EPJ Web of Conferences, 2016, 126, 03005.	0.3	0
26	Melting Hadrons, Boiling Quarks. , 2016, , 417-439.		2
27	Strangeness in Quarkâ€“Gluon Plasma â€“ 1982. , 2016, , 389-400.		1
28	Extreme States of Nuclear Matter: 1980. , 2016, , 343-374.		0
29	Charting the Future Frontier(s) of Particle Production. Acta Physica Polonica B, 2016, 47, 1977.	0.8	0
30	Strangeness and Phase Changes in Hot Hadronic Matter â€“ 1983. , 2016, , 401-416.		0
31	Hagedorn legacy. EPJ Web of Conferences, 2016, 126, 03001.	0.3	0
32	Extreme states of nuclear matter - 1980. European Physical Journal A, 2015, 51, 1.	2.5	4
33	Melting hadrons, boiling quarks. European Physical Journal A, 2015, 51, 1.	2.5	40
34	Strangeness and phase changes in hot hadronic matter - 1983. European Physical Journal A, 2015, 51, 1.	2.5	2
35	Quarkâ€“gluon plasma as the possible source of cosmological dark radiation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 77-81.	4.1	6
36	Relic neutrino freeze-out: Dependence on natural constants. Nuclear Physics B, 2015, 890, 481-517.	2.5	30

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37	New scheme to produce aneutronic fusion reactions by laser-accelerated ions. Laser and Particle Beams, 2015, 33, 117-122.	1.0	29
38	Proposal for resonant detection of relic massive neutrinos. European Physical Journal C, 2015, 75, 1.	3.9	4
39	Dynamical emergence of the Universe into the false vacuum. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 035-035.	5.4	2
40	QCD phase transition studied by means of hadron production. Physics of Particles and Nuclei, 2015, 46, 748-755.	0.7	2
41	Boltzmann equation solver adapted to emergent chemical non-equilibrium. Journal of Computational Physics, 2015, 281, 896-916.	3.8	6
42	Universal QGP Hadronization Conditions at RHIC and LHC. EPJ Web of Conferences, 2014, 78, 06004.	0.3	2
43	SHARE with CHARM. Computer Physics Communications, 2014, 185, 2056-2079.	7.5	41
44	Relic neutrinos: Physically consistent treatment of effective number of neutrinos and neutrino mass. Physical Review D, 2014, 89, .	4.7	14
45	Traveling Through the Universe: Back in Time to the Quark-Gluon Plasma Era. Journal of Physics: Conference Series, 2014, 509, 012014.	0.4	7
46	FUGACITY AND REHEATING OF PRIMORDIAL NEUTRINOS. Modern Physics Letters A, 2013, 28, 1350188.	1.2	3
47	CRITICAL ACCELERATION AND QUANTUM VACUUM. Modern Physics Letters A, 2013, 28, 1340014.	1.2	1
48	Connecting QGP-Heavy Ion Physics to the Early Universe. Nuclear Physics, Section B, Proceedings Supplements, 2013, 243-244, 155-162.	0.4	12
49	Compact Ultradense Matter Impactors. Physical Review Letters, 2013, 110, 111102.	7.8	26
50	Hadron production and quark-gluon plasma hadronization in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2013, 88, .	2.9	83
51	Top anomalous magnetic moment and the two-photon decay of the Higgs boson. Physical Review D, 2013, 88, .	4.7	5
52	Universal hadronization condition in heavy ion collisions at $\sqrt{s} = 2.76$ TeV and at $\sqrt{s} = 0.2$ TeV. Physical Review C, 2013, 88, .	2.9	29
53	TEMPERATURE OF ELECTRON FLUCTUATIONS IN AN ACCELERATED VACUUM. Modern Physics Letters A, 2013, 28, 1340015.	1.2	2
54	TEMPERATURE OF ELECTRON FLUCTUATIONS IN AN ACCELERATED VACUUM. , 2013, , .		0

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55	CRITICAL ACCELERATION AND QUANTUM VACUUM. , 2013, , .		0
56	Resolution of the proton radius puzzle via off-shell form factors. , 2012, , .		0
57	Acceleration and vacuum temperature. Physical Review D, 2012, 86, .	4.7	14
58	Electron-positron plasma drop formed by ultra-intense laser pulses. Physical Review D, 2012, 85, .	4.7	11
59	Whatâ€™s New with the Neutron and Proton. Few-Body Systems, 2012, 52, 357-366.	1.5	0
60	Properties of gravitationally bound dark compact ultra dense objects. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 123-127.	4.1	7
61	Title is missing!. Acta Physica Polonica B, 2012, 43, 829.	0.8	6
62	The Radius of the Proton: Size Does Matter. , 2011, , .		1
63	Particle production in $\sqrt{s_{NN}}=2.76\text{TeV}$ heavy ion collisions. Physical Review C, 2011, 83, .	2.9	8
64	Spectra of particles from laser-induced vacuum decay. Physical Review D, 2011, 84, .	4.7	7
65	QED energyâ€™momentum trace as a force in astrophysics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 133-138.	4.1	5
66	Thermal reaction processes in a relativistic QED plasma drop. Physical Review D, 2010, 81, .	4.7	6
67	Multistrange particle production and the statistical hadronization model. Physical Review C, 2010, 82, .	2.9	9
68	Unstable hadrons in hot hadron gas: In the laboratory and in the early Universe. Physical Review C, 2010, 82, .	2.9	10
69	VACUUM STRUCTURE AND DARK ENERGY. International Journal of Modern Physics D, 2010, 19, 2299-2304.	2.1	4
70	Horizons of Strong Field Physics. , 2010, , .		2
71	Dark energy simulacrum in nonlinear electrodynamics. Physical Review D, 2010, 81, .	4.7	29
72	Confinement property in SU(3) gauge theory. Physical Review D, 2009, 80, .	4.7	2

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73	Ice production in heavy ion collisions: Suppression of Λ baryons. <i>Physical Review C</i> , 2009, 79, .	3.6	11
74	Critical hadronization pressure. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2009, 36, 064017.	3.6	11
75	Vacuum-decay time in strong external fields. <i>Physical Review D</i> , 2009, 79, .	4.7	23
76	Enhanced production of Λ and Σ baryons in heavy ion collisions. <i>Physical Review C</i> , 2009, 79, .	3.6	11
77	Strangeness enhancement. <i>European Physical Journal: Special Topics</i> , 2008, 155, 139-166.	2.6	11
78	Pion and muon production in heavy ion collisions. <i>Physical Review C</i> , 2008, 78, .	4.7	26
79	Strangeness at the threshold of phase change. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 044011.	3.6	7
80	Non-equilibrium heavy-flavored hadron yields from chemical equilibrium strangeness-rich QGP. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 044043.	3.6	3
81	Strangeness enhancement at LHC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 044042.	3.6	4
82	QUARKS IN THE UNIVERSE. <i>International Journal of Modern Physics E</i> , 2007, 16, 813-828.	1.0	4
83	Strangeness chemical equilibration in a quark-gluon plasma. <i>Physical Review C</i> , 2007, 75, .	2.9	19
84	Hadron resonances and phase threshold in heavy ion collisions. <i>Physical Review C</i> , 2007, 75, .	2.9	10
85	Λ baryon mass modification and pion spectra. <i>European Physical Journal A</i> , 2007, 32, 267-272.	2.5	6
86	Heavy flavor hadrons in statistical hadronization of strangeness-rich QGP. <i>European Physical Journal C</i> , 2007, 51, 113-133.	3.9	70
87	Strangeness and the Discovery of Quark-Gluon Plasma. <i>Journal of Physics: Conference Series</i> , 2006, 50, 176-191.	0.4	1
88	Balance of baryon number in the quark coalescence model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 633, 488-491.	4.1	5
89	Strangeness and thresholds of phase changes in relativistic heavy ion collisions. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 161, 200-209.	0.4	0
90	Hadronization of expanding QGP. <i>European Physical Journal A</i> , 2006, 29, 107-111.	2.5	10

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91	SHAREv2: fluctuations and a comprehensive treatment of decay feed-down. Computer Physics Communications, 2006, 175, 635-649.	7.5	59
92	Particle multiplicities and fluctuations in 200 GeV Au-Au collisions. AIP Conference Proceedings, 2006, , .	0.4	1
93	Charmed hadrons from strangeness-rich QGP. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, S499-S504.	3.6	6
94	Quantum collective QCD string dynamics. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, S455-S460.	3.6	5
95	ALICE: Physics Performance Report, Volume II. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1295-2040.	3.6	441
96	Particle yield fluctuations and chemical nonequilibrium in Au-Au collisions at $\sqrt{s_{NN}}=200\text{GeV}$. Physical Review C, 2006, 74, .	2.9	30
97	Centrality dependence of strangeness and (anti)hyperon production at $\sqrt{s_{NN}}=200\text{GeV}$. Physical Review C, 2006, 73, .	2.9	6
98	SQM2006. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, .	3.6	0
99	Hadronization and Quark Probes of Deconfinement at RHIC. AIP Conference Proceedings, 2005, , .	0.4	5
100	Multiplicities and bulk thermodynamic quantities at $\sqrt{s_{NN}}=130\text{GeV}$ with SHARE. Journal of Physics: Conference Series, 2005, 5, 246-254.	0.4	2
101	SHARE: Statistical hadronization with resonances. Computer Physics Communications, 2005, 167, 229-251.	7.5	152
102	Centrality dependence of bulk fireball properties in $\sqrt{s_{NN}}=200\text{GeV}$ Au+Au collisions. Physical Review C, 2005, 72, .	2.9	52
103	Rolf Hagedorn (1919–2003). Journal of Physics G: Nuclear and Particle Physics, 2004, 30, .	3.6	2
104	Strangeness and quark-gluon plasma. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1-S28.	3.6	10
105	A comparison of statistical hadronization models. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S557-S564.	3.6	14
106	Strangeness Excitation Function in Heavy Ion Collisions. AIP Conference Proceedings, 2004, , .	0.4	0
107	Testing limits of statistical hadronization. Nuclear Physics A, 2003, 715, 98c-107c.	1.5	38
108	Statistical hadronization probed by resonances. Physical Review C, 2003, 68, .	2.9	9

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109	Strange pentaquark hadrons in statistical hadronization. <i>Physical Review C</i> , 2003, 68, .	2.9	25
110	QCD equations of state and the quark-gluon plasma liquid model. <i>Physical Review C</i> , 2003, 67, .	2.9	48
111	Strangeness, equilibration, hadronization. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002, 28, 1833-1840.	3.6	4
112	Importance of reaction volume in hadronic collisions: canonical enhancement. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002, 28, 1819-1832.	3.6	17
113	Strange hadron resonances and QGP freeze-out. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002, 28, 1911-1919.	3.6	25
114	Rapidity particle spectra in sudden hadronization of QGP. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002, 28, 183-187.	3.6	2
115	Threshold disorder as a source of diverse and complex behavior in random nets. <i>Neural Networks</i> , 2002, 15, 1243-1258.	5.9	5
116	Search for QGP and thermal freeze-out of strange hadrons. <i>New Journal of Physics</i> , 2001, 3, 12-12.	2.9	28
117	Electron-Positron Annihilation Radiation from Sagittarius A East at the Galactic Center. <i>Astrophysical Journal</i> , 2001, 549, 293-302.	4.5	8
118	Strange hadron resonances as a signature of freeze-out dynamics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 509, 239-245.	4.1	109
119	Baryon-Rich Quark-Gluon Plasma in Nuclear Collisions. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 2001, 14, 97-120.	0.4	3
120	Formation of quarkonium states at RHIC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001, 27, 715-722.	3.6	11
121	Quark-gluon plasma fireball explosion. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001, 27, 427-437.	3.6	8
122	On the strange-quark-gluon plasma front line. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001, 27, 723-726.	3.6	3
123	Charm production in the hot-gluon scenario. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001, 27, 691-694.	3.6	3
124	Enhanced J/ψ production in deconfined quark matter. <i>Physical Review C</i> , 2001, 63, .	2.9	409
125	Strange hadrons and their resonances: A diagnostic tool of quark-gluon plasma freeze-out dynamics. <i>Physical Review C</i> , 2001, 64, .	2.9	73
126	Quarkonium Production in High Energy Heavy Ion Collisions. , 2001, , .		0

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127	THE STRANGE QUARK-GLUON PLASMA. , 2001, , .		0
128	A strange quark plasma. Physics World, 2000, 13, 37-42.	0.0	3
129	Low-mãŠŸ ĩ€+ ĩ€ã~ asymmetry enhancement from hadronization of QGP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 213-219.	4.1	5
130	OBSERVING QUARK-GLUON PLASMA WITH STRANGE HADRONS. International Journal of Modern Physics E, 2000, 09, 107-147.	1.0	31
131	Quark-gluon plasma fireball. Physical Review C, 2000, 62, .	2.9	21
132	Equilibrium Distribution of Heavy Quarks in Fokker-Planck Dynamics. Physical Review Letters, 2000, 84, 31-34.	7.8	153
133	Sudden Hadronization in Relativistic Nuclear Collisions. Physical Review Letters, 2000, 85, 4695-4698.	7.8	68
134	Bc-meson production in ultrarelativistic nuclear collisions. Physical Review C, 2000, 62, .	2.9	28
135	Variational principle for relativistic fluid dynamics. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 1935-1957.	3.6	32
136	Quo vadisstrangeness?. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 451-468.	3.6	7
137	Chemical nonequilibrium in high-energy nuclear collisions. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 295-309.	3.6	25
138	Chemical nonequilibrium and deconfinement in 200AGeV sulphur induced reactions. Physical Review C, 1999, 59, 947-954.	2.9	52
139	Expected production of strange baryons and antibaryons in baryon-poor QGP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 469, 12-18.	4.1	18
140	Strange particle chemical freeze-out. Nuclear Physics A, 1999, 661, 497-501.	1.5	2
141	Last call for RHIC predictions. Nuclear Physics A, 1999, 661, 205-260.	1.5	91
142	Quarks unleashed at low energy. Physics World, 1999, 12, 23-24.	0.0	6
143	Sound of sonoluminescence. Physical Review E, 1998, 57, 4170-4185.	2.1	3
144	Melting the vacuum. Physics World, 1998, 11, 29-30.	0.0	0

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145	RELATIVISTIC QUARK PHYSICS. , 1998, , .		0
146	QGP formation and strange antibaryons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 390, 363-369.	4.1	6
147	Strangeness in Pb–Pb collisions at 158 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 410, 315-322.	4.1	8
148	Impact of QCD and QGP properties on strangeness production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 586-594.	4.1	23
149	$\hat{I}_{\pm s}(M Z)$ and Strangeness Production. , 1996, , 389-400.		0
150	BLAME IT ON RIO AU REVOIR IN RIO. , 1996, , .		0
151	FLAVOR FLOW SIGNATURES OF QUARK-GLUON PLASMA. , 1996, , .		1
152	Thermal strangeness and charm in QGP. Acta Physica Hungarica A Heavy Ion Physics, 1996, 4, 181-192.	0.4	1
153	Relativistic Transport Equations for Electromagnetic, Scalar, and Pseudoscalar Potentials. Annals of Physics, 1995, 243, 65-75.	2.8	11
154	Strange antibaryons from QGP. Nuclear Physics A, 1995, 590, 613-616.	1.5	5
155	Strangeness conservation in hot nuclear fireballs. Physical Review D, 1995, 51, 3408-3435.	4.7	84
156	Hadronic Matter Equation of State and the Hadron Mass Spectrum. NATO ASI Series Series B: Physics, 1995, , 105-116.	0.2	4
157	Strangeness in Hot Hadronic Matter. NATO ASI Series Series B: Physics, 1995, , 479-492.	0.2	2
158	Entropy in Heavy Ion Collisions. NATO ASI Series Series B: Physics, 1995, , 223-232.	0.2	0
159	Strangeness flow difference in nuclear collisions at 15A and 200A GeV. Physical Review C, 1994, 50, 1684-1687.	2.9	18
160	Gluon production, cooling, and entropy in nuclear collisions. Physical Review C, 1994, 50, 406-409.	2.9	47
161	Strange particle freeze-out. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 321, 394-399.	4.1	26
162	Strange particle abundance in QGP formed in 200 GeV A nuclear collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 323, 393-400.	4.1	25

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163	Chemical freeze-out conditions in central S-S collisions at 200A GeV. Zeitschrift für Physik C-Particles and Fields, 1994, 61, 659-665.	1.5	87
164	Evidence for a phase with high specific entropy in nuclear collisions. Physical Review Letters, 1993, 70, 3530-3533.	7.8	89
165	Relativistic classical limit of quantum theory. Physical Review A, 1993, 48, 1869-1874.	2.5	14
166	π ⁰ DECAY AT CRITICAL TEMPERATURE. Modern Physics Letters A, 1992, 07, 2493-2503.	1.2	2
167	Wigner function of relativistic spin-1/2 particles. Physical Review A, 1992, 46, 645-647.	2.5	16
168	QGP and strange antibaryons. AIP Conference Proceedings, 1992, , .	0.4	0
169	Strange and hot matter. Nuclear Physics A, 1992, 544, 279-292.	1.5	27
170	Strange fireballs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 131-138.	4.1	9
171	Collective Higgs production in high-energy heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 501-510.	4.1	3
172	Hot hadronic matter and strange anti-baryons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 292, 417-423.	4.1	50
173	Collective hadronic Higgs production in heavy-ion collisions. Nuclear Physics A, 1992, 544, 585-590.	1.5	0
174	Muon-Catalyzed Fusion. Advances in Atomic, Molecular and Optical Physics, 1991, 29, 177-215.	2.3	3
175	Brainwashing random asymmetric neural networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 160, 255-260.	2.1	4
176	Decay of $\bar{\Lambda}$ -in hot matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 485-491.	4.1	21
177	Strange anti-baryons from quark-gluon plasma. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 333-340.	4.1	200
178	Cold fusion: muon-catalysed fusion. Journal of Physics B: Atomic, Molecular and Optical Physics, 1991, 24, 1469-1516.	1.5	26
179	Jovian limits on conventional cold fusion. Journal of Physics G: Nuclear and Particle Physics, 1991, 17, 653-661.	3.6	0
180	Reactions of charged massive particles in a deuterium environment. Physical Review A, 1991, 44, 4345-4352.	2.5	10

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181	Muons after d-t fusion. Physical Review A, 1991, 43, 601-602.	2.5	3
182	Phase-space structure of the Dirac vacuum. Physical Review D, 1991, 44, 1825-1835.	4.7	167
183	STRANGENESS AND QUARK GLUON PLASMA: ASPECTS OF THEORY AND EXPERIMENT. International Journal of Modern Physics A, 1991, 06, 1067-1113.	1.5	41
184	How Cold Fusion Can Be Catalyzed. Fusion Science and Technology, 1990, 18, 136-142.	0.6	10
185	Anomalous nuclear reactions in condensed matter: Recent results and open questions. Journal of Fusion Energy, 1990, 9, 199-208.	1.2	12
186	Pion production for MuCF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 287, 565-569.	1.6	3
187	Localized Higgs-fermion states. Journal of Physics G: Nuclear and Particle Physics, 1990, 16, L207-L212.	3.6	0
188	Muons after d-t fusion. Journal of Physics G: Nuclear and Particle Physics, 1990, 16, L187-L195.	3.6	4
189	Muon catalyzed fusion of nuclei with $Z > 1$. Journal of Physics G: Nuclear and Particle Physics, 1990, 16, 281-294.	3.6	13
190	Attenuation of the flux of neutrons in the Earth's atmosphere-a parametric study. Journal of Physics G: Nuclear and Particle Physics, 1990, 16, L197-L205.	3.6	2
191	Deep Antiproton Annihilations on Nuclei. , 1990, , 231-239.		0
192	Parton bremsstrahlung as a mechanism of energy deposition in high-energy hadron-nucleus and nucleus-nucleus collisions. Physical Review C, 1989, 40, 1077-1080.	2.9	0
193	Muon spectrum and convoy effects after muon-catalyzed fusion. Physical Review A, 1989, 40, 2839-2842.	2.5	13
194	Muon reactivation in muon-catalyzed D-T fusion. Progress in Particle and Nuclear Physics, 1989, 22, 279-338.	14.4	30
195	Observation of cold nuclear fusion in condensed matter. Nature, 1989, 338, 737-740.	27.8	574
196	Quark-gluon plasma in 4 GeV/c antiproton annihilations on nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 207, 371-376.	4.1	53
197	Active target production of muons for muon-catalyzed fusion. Physical Review C, 1988, 37, 403-406.	2.9	11
198	The challenges of muon catalyzed fusion. AIP Conference Proceedings, 1988, , .	0.4	2

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199	Comment on "Muon" alpha-particle sticking probability in muon-catalyzed fusion. Physical Review A, 1987, 35, 2741-2743.	2.5	16
200	Conventional nuclear European Muon Collaboration effect in deep inelastic lepton-nucleus scattering. Physical Review C, 1987, 36, 1497-1503.	2.9	6
201	On the detection of cosmic-background neutrinos by acoustic phonon scattering. Physical Review D, 1987, 35, 394-396.	4.7	4
202	Cold Nuclear Fusion. Scientific American, 1987, 257, 84-89.	1.0	50
203	Strangeness Production in the Quark-Gluon Plasma. Physical Review Letters, 1986, 56, 2334-2334.	7.8	152
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205	Conference panel. Nuclear Physics A, 1986, 447, 655-700.	1.5	0
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