Vincenzo Greco

List of Publications by Year
in descending order

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196	7,273	71102	56724
papers	citations	41 h-index	83 g-index

196	196	196	4101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Airborne virus transmission under different weather conditions. AIP Advances, 2022, 12, 015019.	1.3	3
2	Hadron production within a full transport approach with statistical hadronization mechanism at RHIC and LHC energies. EPJ Web of Conferences, 2022, 259, 11007.	0.3	0
3	Directed flow of D mesons at RHIC and LHC energy within a transport approach: non-perturbative dynamics, vorticity and electromagnetic fields. EPJ Web of Conferences, 2022, 259, 13009.	0.3	0
4	Charm and Bottom quarks dynamics in heavy-ion collisions: RAA, anisotropic flows vn and their correlations to the bulk. EPJ Web of Conferences, 2022, 259, 10016.	0.3	0
5	Modification of Z0 leptonic invariant mass in ultrarelativistic heavy ion collisions as a measure of the electromagnetic field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136962.	4.1	3
6	Impact of Glasma on heavy quark RAA and Î½2 in nucleus-nucleus collisions at LHC. Nuclear Physics A, 2021, 1005, 121913.	1.5	0
7	Ballistic diffusion of heavy quarks in the early stage of relativistic heavy ion collisions at RHIC and the LHC. Physical Review D, 2021, 103, .	4.7	8
8	Probing the electromagnetic fields in ultrarelativistic collisions with leptons from Z0 decay and charmed mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136271.	4.1	9
9	Directed flow of D mesons at RHIC and LHC: non-perturbative dynamics, longitudinal bulk matter asymmetry and electromagnetic fields. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
10	The signature of charge dependent directed flow observables by electromagnetic fields in heavy ion collisions. European Physical Journal Plus, 2021, 136, 1.	2.6	4
11	Charm hadrons in pp collisions at LHC energy within a coalescence plus fragmentation approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136622.	4.1	33
12	Diffusion of heavy quarks in the early stage of high-energy nuclear collisions at energies available at the BNL Relativistic Heavy Ion Collider and at the CERN Large Hadron Collider. Physical Review C, 2020, 102, .	2.9	9
13	Transmission of airborne virus through sneezed and coughed droplets. Physics of Fluids, 2020, 32, 097102.	4.0	73
14	Dissipative hydrodynamics of relativistic shock waves in a quark gluon plasma: Comparing and benchmarking alternate numerical methods. Physical Review C, 2020, 101, .	2.9	6
15	Heavy - light flavor correlations of anisotropic flows at LHC energies within event-by-event transport approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135460.	4.1	16
16	Study of collective anisotropies $$v_2$$ and $$v_3$$ and their fluctuations in pA collisions at LHC within a relativistic transport approach. European Physical Journal C, 2020, 80, 1.	3.9	15
17	The spin-isospin decomposition of the nuclear symmetry energy from low to high density *. Chinese Physics C, 2020, 44, 054110.	3.7	0
18	Transport properties of Heavy Quarks: anisotropic flows Ï…_n and their correlations to the bulk dynamics and initial Electromagnetic field. Journal of Physics: Conference Series, 2020, 1643, 012016.	0.4	0

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19	The surprising heavy hadrons production in pp and AA collisions: hadronization within coalescence and fragmentation. Journal of Physics: Conference Series, 2020, 1643, 012014.	0.4	0
20	Impact of off-shell dynamics on the transport properties and the dynamical evolution of charm quarks at RHIC and LHC temperatures. European Physical Journal C, 2020, 80, 1.	3.9	4
21	Heavy Quark Baryon and Meson Production in pp and AA at RHIC and LHC Within a Coalescence Plus Fragmentation Model. Springer Proceedings in Physics, 2020, , 291-295.	0.2	0
22	Transport Properties of Heavy Quarks and Their Correlations to the Bulk Dynamics and the Initial Electromagnetic Field. Springer Proceedings in Physics, 2020, , 109-113.	0.2	3
23	Toward the determination of heavy-quark transport coefficients in quark-gluon plasma. Physical Review C, 2019, 99, .	2.9	81
24	Transport properties from Charm to Bottom: p suppression, anisotropic flow Î½ and their correlations to the bulk dynamics. Nuclear Physics A, 2019, 982, 655-658.	1.5	3
25	Direct flow of heavy mesons as unique probe of the initial Electro-Magnetic fields in Ultra-Relativistic Heavy Ion collisions. Nuclear Physics A, 2019, 982, 189-191.	1.5	7
26	Impact of Glasma on heavy quark observables in nucleus-nucleus collisions at LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134933.	4.1	32
27	Resolving discrepancies in the estimation of heavy quark transport coefficients in relativistic heavy-ion collisions. Physical Review C, 2019, 99, .	2.9	36
28	Heavy quark production and properties of Quarkâ€“Gluon Plasma. Progress in Particle and Nuclear Physics, 2019, 104, 97-141.	14.4	64
29	Charmed hadrons from coalescence plus fragmentation in relativistic nucleus-nucleus collisions at RHIC and LHC. European Physical Journal C, 2018, 78, 1.	3.9	115
30	Strange and heavy hadrons production from coalescence plus fragmentation in AA collisions at RHIC and LHC. EPJ Web of Conferences, 2018, 171, 13005.	0.3	0
31	Heavy Quark Dynamics toward thermalization: RAA, Ï…1, Ï…2, Ï…3. EPJ Web of Conferences, 2018, 171, 18014.	0.3	0
32	Extraction of heavy-flavor transport coefficients in QCD matter. Nuclear Physics A, 2018, 979, 21-86.	1.5	137
33	Initial State fluctuations from midperipheral to ultracentral collisions in a transport approach. Journal of Physics: Conference Series, 2018, 981, 012017.	0.4	1
34	Evolution of pressures and correlations in the glasma produced in high energy nuclear collisions. Physical Review D, 2018, 97, .	4.7	11
35	Directed flow of charm quarks as a witness of the initial strong magnetic field in ultra-relativistic heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 260-264.	4.1	146
36	Effect of pre-equilibrium phase onR_{AA}andv₂of heavy quarks in heavy ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 095102.	3.6	37

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37	Photons from the early stages of relativistic heavy-ion collisions. Physical Review C, 2017, 96, .	2.9	13
38	Estimating the charm quark diffusion coefficient and thermalization time from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>D</mml:mi></mml:math> meson spectra at energies available at the BNL Relativistic Heavy Ion Collider and the CERN Large Hadron Collider. Physical Review C, 2017, 96, .	2.9	95
39	Heavy Flavor Production, Flow and Energy Loss. Nuclear Physics A, 2017, 967, 200-207.	1.5	20
40	Photons production from the early stages of relativistic heavy ion collisions. Nuclear and Particle Physics Proceedings, 2017, 289-290, 205-208.	0.5	1
41	Open Heavy Flavor Dynamics: T-dependent drag and Initial Magnetic Field. Nuclear and Particle Physics Proceedings, 2017, 289-290, 253-256.	0.5	0
42	SQM2016: Theory Summary. Journal of Physics: Conference Series, 2017, 779, 012022.	0.4	3
43	Heavy quark dynamics in QCD matter. Journal of Physics: Conference Series, 2017, 779, 012031.	0.4	1
44	Impact of early stage non-equilibrium dynamics on photon production in relativistic heavy ion collisions. Journal of Physics: Conference Series, 2017, 832, 012038.	0.4	0
45	Heavy quark dynamics within a Boltzmann transport model: radiative vs collisional energy loss. Journal of Physics: Conference Series, 2017, 832, 012022.	0.4	1
46	Heavy quark dynamics in the QGP: Towards a solution of theRAAandÎ½2puzzle. EPJ Web of Conferences, 2016, 117, 03015.	0.3	0
47	Hadronization via coalescence at RHIC and LHC. EPJ Web of Conferences, 2016, 117, 03010.	0.3	0
48	The ASY-EOS Experiment at GSI. EPJ Web of Conferences, 2016, 117, 07010.	0.3	0
49	Modelling early stages of relativistic heavy-ion collisions. EPJ Web of Conferences, 2016, 117, 03014.	0.3	1
50	NUMEN Project @ LNS : Heavy Ions Double Charge Exchange as a tool towards the 0Î½Î²Î²Nuclear Matrix Element. Journal of Physics: Conference Series, 2016, 724, 012001.	0.4	0
51	Toward a simultaneous description of R_{AA}and v₂for heavy quarks. Journal of Physics: Conference Series, 2016, 668, 012051.	0.4	2
52	Modeling early time dynamics of relativistic heavy ion collisions. Journal of Physics: Conference Series, 2016, 742, 012024.	0.4	0
53	Shear viscosity to electric conductivity ratio of the QGP. EPJ Web of Conferences, 2016, 117, 03013.	0.3	0
54	Toward an understanding of the RAA and v2 puzzle for heavy quarks. Nuclear and Particle Physics Proceedings, 2016, 276-278, 329-332.	0.5	2

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55	Anisotropic flows and the shear viscosity of the QGP within an event by event transport approach. Nuclear and Particle Physics Proceedings, 2016, 276-278, 165-168.	0.5	3
56	Probing the hadron-quark mixed phase at high isospin and baryon density. European Physical Journal A, 2016, 52, 1.	2.5	1
57	Quark mass scaling and properties of light-quark matter. Nuclear Science and Techniques/Hewuli, 2016, 27, 1.	3.4	10
58	The nuclear matrix elements of 0νÎ²Î² decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2016, 730, 012006.	0.4	1
59	Propagation of heavy baryons in heavy-ion collisions. Physical Review D, 2016, 94, .	4.7	29
60	Shear viscosity of QGP and the anisotropic flows within an event by event transport approach. EPJ Web of Conferences, 2016, 117, 03004.	0.3	0
61	Shear viscosity Î· to electric conductivity Ïƒ el ratio for the quarkâ€“gluon plasma. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 326-330.	4.1	47
62	Initial-state fluctuations from midperipheral to ultracentral collisions in an event-by-event transport approach. Physical Review C, 2015, 92, .	2.9	37
63	Hadrons from coalescence plus fragmentation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:mi>A</mml:mi></mml:mrow></mml:m at energies available at the BNL Relativistic Heavy Ion Collider to the CERN Large Hadron Collider. Physical Review C, 2015, 92, .	2.9	35
64	QCD equation of state and cosmological parameters in the early universe. Physical Review D, 2015, 92, .	4.7	8
65	Modeling early stages of relativistic heavy ion collisions: Coupling relativistic transport theory to decaying color-electric flux tubes. Physical Review C, 2015, 92, .	2.9	28
66	NUMEN Project @ LNS : Heavy ions double charge exchange reactions towards the 0Î½Î²Î² nuclear matrix element determination. AIP Conference Proceedings, 2015, , .	0.4	1
67	Quarks production in the quarkâ€“gluon plasma created in relativistic heavy ion collisions. Nuclear Physics A, 2015, 941, 201-211.	1.5	15
68	Toward a solution to the R and v2 puzzle for heavy quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 260-264.	4.1	149
69	Electric Conductivity of the QGP. Journal of Physics: Conference Series, 2015, 612, 012057.	0.4	8
70	Quark coalescence from RHIC to LHC. Journal of Physics: Conference Series, 2015, 636, 012014.	0.4	0
71	Boltzmann dynamics and temperature dependence of energy loss: Towards an understanding of theRAAandv2puzzle for D-Mesons. Journal of Physics: Conference Series, 2015, 636, 012017.	0.4	3
72	The ASY-EOS experiment at GSI: Constraining the symmetry energy at supra-saturation densities. EPJ Web of Conferences, 2015, 88, 00022.	0.3	1

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73	Viscous corrections to anisotropic flow and transverse momentum spectra from transport theory. Nuclear Physics A, 2015, 941, 87-96.	1.5	14
74	Heavy quark diffusion in the pre-equilibrium stage of heavy ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 095108.	3.6	20
75	Polyakov loop and gluon quasiparticles: A self-consistent approach to Yangâ€“Mills thermodynamics. Nuclear Physics A, 2015, 934, 41-51.	1.5	11
76	Heavy Quark Dynamics in QGP: Boltzmann vs Langevin. Proceedings of the Indian National Science Academy, 2015, 81, .	1.4	1
77	Anisotropic Flow from Non-equilibrium Initial Condition with a Saturation Scale. EPJ Web of Conferences, 2014, 66, 04009.	0.3	0
78	Dynamics of quark-gluon plasma produced in heavy ion collisions. EPJ Web of Conferences, 2014, 80, 00037.	0.3	0
79	Neutron Star masses from the Field Correlator Method Equation of State. EPJ Web of Conferences, 2014, 71, 00143.	0.3	1
80	Elliptic Flow from fKLN Initial Conditions. Journal of Physics: Conference Series, 2014, 509, 012100.	0.4	0
81	Electric conductivity from the solution of the relativistic Boltzmann equation. Physical Review D, 2014, 90, .	4.7	67
82	Energy density fluctuations in early universe. AIP Conference Proceedings, 2014, , .	0.4	5
83	Shear viscosity of the quark-gluon plasma in a kinetic theory approach. , 2014, , .		0
84	Quark-gluon plasma in the early Universe and in ultra-relativistic heavy-ion collisions. , 2014, , .		0
85	Thermalization, isotropization, and elliptic flow from nonequilibrium initial conditions with a saturation scale. Physical Review C, 2014, 89, .	2.9	59
86	Heavy-flavor in-medium momentum evolution: Langevin versus Boltzmann approach. Physical Review C, 2014, 90, .	2.9	83
87	Diffusion of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">Î›</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:m hot hadronic medium and its impact on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">Î›</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml:msub><mml:mo	4.7	20
88	Impact of nonequilibrium initial conditions with a saturation scale on elliptic flow in heavy ion collisions. Nuclear Physics A, 2014, 932, 484-489.	1.5	1
89	Relativistic Boltzmann transport approach with Bose-Einstein statistics and the onset of gluon condensation. Physical Review C, 2014, 90, .	2.9	26
90	Partonic mean-field effects on matter and antimatter elliptic flows. Nuclear Physics A, 2014, 928, 234-246.	1.5	33

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91	Critical endpoint and inverse magnetic catalysis for finite temperature and density quark matter in a magnetic background. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 734, 255-260.	4.1	32
92	The ASY-EOS experiment at GSI: investigating symmetry energy at supra-saturation densities. EPJ Web of Conferences, 2014, 66, 03074.	0.3	1
93	Heavy Flavor Suppression, Flow and Azimuthal Correlation: Boltzmann vs Langevin. Journal of Physics: Conference Series, 2014, 535, 012019.	0.4	7
94	Transport coefficients of Quark-Gluon Plasma in a Kinetic Theory approach. Journal of Physics: Conference Series, 2014, 527, 012016.	0.4	0
95	Elliptic flow and shear viscosity of the shattered color glass condensate. Journal of Physics: Conference Series, 2014, 527, 012018.	0.4	0
96	Anisotropic flows and the shear viscosity of the QGP within a transport approach. Journal of Physics: Conference Series, 2014, 535, 012013.	0.4	1
97	Heavy Flavor Suppression: Boltzmann vs Langevin. Journal of Physics: Conference Series, 2014, 509, 012048.	0.4	4
98	The elliptic flow and the shear viscosity of the QGP within a kinetic approach. Journal of Physics: Conference Series, 2014, 509, 012068.	0.4	1
99	Elliptic Flow Difference Between Particles and Antiparticles and the EOS of Baryon-rich Matter. Acta Physica Polonica B, Proceedings Supplement, 2014, 7, 183.	0.1	1
100	Renormalized vs. nonrenormalized chiral transition in a magnetic background. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
101	Quark-to-gluon composition of the quark-gluon plasma in relativistic heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 296-300.	4.1	30
102	Elliptic flow from non-equilibrium initial condition with a saturation scale. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 177-181.	4.1	51
103	Quark matter in neutron stars within the field correlator method. Physical Review D, 2013, 88, .	4.7	22
104	Thermodynamics of the quark-gluon plasma in terms of quasiparticles and Polyakov line condensates. Physical Review D, 2013, 88, .	4.7	6
105	Shear viscosity and chemical equilibration of the QGP. Journal of Physics: Conference Series, 2013, 420, 012029.	0.4	23
106	The ASY-EOS experiment at GSI: investigating the symmetry energy at supra-saturation densities. Journal of Physics: Conference Series, 2013, 420, 012092.	0.4	12
107	Transport approach to anisotropic flows from viscous hydro regime to highp_T. Journal of Physics: Conference Series, 2013, 446, 012025.	0.4	2
108	"Chemical" composition of the Quark Gluon Plasma. Journal of Physics: Conference Series, 2013, 446, 012018.	0.4	0

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109	Quasiparticles and Z(N)-Lines in hot Yang-Mills theories. , 2012, , .		0
110	Elliptic flow and shear viscosity within a transport approach from RHIC to LHC energy. , 2012, , .		23
111	Heavy quark dynamics in the QGP. , 2012, , .		3
112	Shear viscosity of a strongly interacting system: Green-Kubo correlator versus Chapman-Enskog and relaxation-time approximations. Physical Review C, 2012, 86, .	2.9	135
113	Elliptic flow in heavy ion collisions at varying energies: Partonic versus hadronic dynamics. Physical Review C, 2012, 86, .	2.9	10
114	Polyakov loop and gluon quasiparticles in Yang-Mills thermodynamics. Physical Review D, 2012, 86, .	4.7	41
115	Shear viscosity in hybrid stars. Physical Review D, 2012, 85, .	4.7	1
116	Kinetic approaches to phase transitions in strongly interacting matter. Journal of Physics: Conference Series, 2012, 338, 012020.	0.4	0
117	ASY-EOS experiment at GSI. EPJ Web of Conferences, 2012, 31, 00012.	0.3	0
118	Hadron-quark phase transition in asymmetric matter with dynamical quark masses. Physical Review D, 2011, 83, .	4.7	20
119	Collective Flows in a Transport Approach. Journal of Physics: Conference Series, 2011, 270, 012061.	0.4	3
120	Hadron-quark phase transition in dense matter. Journal of Physics: Conference Series, 2011, 336, 012023.	0.4	0
121	Transport properties of the hot quark-gluon plasma. Journal of Physics: Conference Series, 2011, 336, 012017.	0.4	1
122	The Symmetry Energy of the Nuclear Equation of State. Journal of Physics: Conference Series, 2011, 312, 082005.	0.4	0
123	Hadron-quark phase coexistence in a hybrid MIT-Bag model. European Physical Journal A, 2011, 47, 1.	2.5	17
124	A reanalysis of finite temperature SU(N) gauge theory. European Physical Journal C, 2011, 71, 1.	3.9	9
125	Symmetry energy effects on the mixed hadron-quark phase at high baryon density. Physical Review C, 2011, 83, .	2.9	32
126	Recent thermodynamic results from lattice QCD analyzed within a quasiparticle model. Physical Review D, 2011, 84, .	4.7	120

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127	Phase diagrams in the hadronâ€“Polyakovâ€“Nambuâ€“Jona-Lasinio model. Physical Review D, 2011, 84, .	4.7	29
128	Elliptic Flow at Finite Shear Viscosity in a Kinetic Approach at RHIC. Nuclear Physics A, 2010, 834, 273c-275c.	1.5	2
129	Does the NJL chiral phase transition affect the elliptic flow of a fluid at fixed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>Î·</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>s</mml:mi></mml:math>?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 689, 18-22.	4.1	32
130	The ADAHELI solar mission: Investigating the structure of Sunâ€™s lower atmosphere. Advances in Space Research, 2010, 45, 1191-1202.	2.6	27
131	Probing the nuclear symmetry energy with heavy-ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 083101.	3.6	89
132	Isospin emission and flow at high baryon density: A test of the symmetry potential. Physical Review C, 2010, 81, .	2.9	74
133	Sensitivity of the jet quenching observables to the temperature dependence of the energy loss. Physical Review C, 2010, 82, .	2.9	13
134	PROBING THE NUCLEAR MATTER AT HIGH BARYON AND ISOSPIN DENSITY WITH HEAVY ION COLLISIONS. International Journal of Modern Physics E, 2010, 19, 856-868.	1.0	1
135	PROBING THE SYMMETRY ENERGY AT HIGH BARYON DENSITY WITH HEAVY ION COLLISIONS. International Journal of Modern Physics E, 2010, 19, 1664-1674.	1.0	1
136	The telescope and the double Fabry-PÃ©rot interferometer for the ADAHELI solar space mission. , 2010, , .		5
137	Isospin dynamics in heavy ion collisions: From Coulomb barrier to quark gluon plasma. Progress in Particle and Nuclear Physics, 2009, 62, 389-401.	14.4	25
138	The effect of quark coalescence on conical signals. Nuclear Physics A, 2009, 830, 785c-788c.	1.5	2
139	Nonperturbative Heavy-Quark Interactions in the QGP. Nuclear Physics A, 2009, 830, 861c-864c.	1.5	3
140	Scalings of elliptic flow for a fluid at finite shear viscosity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 670, 325-329.	4.1	86
141	The high-density symmetry energy in heavy ion collisions. Progress in Particle and Nuclear Physics, 2009, 62, 402-406.	14.4	11
142	Anisotropies in momentum space at finite shear viscosity in ultrarelativistic heavy-ion collisions. Progress in Particle and Nuclear Physics, 2009, 62, 562-567.	14.4	40
143	T-matrix approach to heavy quark diffusion in the QGP. European Physical Journal C, 2009, 61, 799-806.	3.9	12
144	Phase-space coalescence for heavy and light quarks at RHIC. European Physical Journal: Special Topics, 2008, 155, 45-59.	2.6	10

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145	Heavy-ion collisions at the LHCâ€"Last call for predictions. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 054001.	3.6	255
146	CONSTRAINING THE SYMMETRY ENERGY: A JOURNEY IN THE ISOSPIN PHYSICS FROM COULOMB BARRIER TO DECONFINEMENT. International Journal of Modern Physics E, 2008, 17, 1799-1814.	1.0	8
147	Î´ MESON EFFECTS ON ASYMMETRIC NUCLEAR MATTER. International Journal of Modern Physics E, 2008, 17, 1815-1824.	1.0	5
148	Coalescence Models for Hadron Formation from Quark-Gluon Plasma. Annual Review of Nuclear and Particle Science, 2008, 58, 177-205.	10.2	189
149	Nonperturbative Heavy-Quark Diffusion in the Quark-Gluon Plasma. Physical Review Letters, 2008, 100, 192301.	7.8	218
150	Dynamics and hadronization at intermediate transverse momentum at RHIC. AIP Conference Proceedings, 2007, , .	0.4	1
151	Application of density dependent parametrization models to asymmetric nuclear matter. Physical Review C, 2007, 75, .	2.9	18
152	Towards UV imaging sensors based on single-crystal diamond chips for spectroscopic applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 583, 125-130.	1.6	3
153	Heavy Ion Collisions at Relativistic Energies: Testing a Nuclear Matter at High Baryon and Isospin Density. Nuclear Physics A, 2007, 782, 267-274.	1.5	8
154	Isospin Dynamics in Heavy Ion Collisions: EoS-sensitive Observables. Nuclear Physics A, 2007, 787, 585-594.	1.5	14
155	Heavy-quark probes of the quark-gluon plasma and interpretation of recent data taken at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2006, 73, .	2.9	315
156	Testing deconfinement at high isospin density. Nuclear Physics A, 2006, 775, 102-126.	1.5	82
157	Heavy-Quark Spectra at RHIC and Resonances in the QGP. Nuclear Physics A, 2006, 774, 685-688.	1.5	10
158	Thermalization and Flow of Heavy Quarks in the Quark-Gluon Plasma. AIP Conference Proceedings, 2006, , .	0.4	7
159	Pseudorapidity dependence of anisotropic flows in relativistic heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 95-100.	4.1	56
160	Reaction dynamics with exotic nuclei. Physics Reports, 2005, 410, 335-466.	25.6	643
161	Neutron stars with isovector scalar correlations. European Physical Journal A, 2005, 25, 293-298.	2.5	32
162	Hadron production from quark coalescence and jet fragmentation. Physical Review C, 2005, 71, .	2.9	21

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163	Hadronization via Coalescence. Acta Physica Hungarica A Heavy Ion Physics, 2005, 24, 235-240.	0.4	5
164	Quark coalescence at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S407-S413.	3.6	4
165	Relativistic transport approach to collective nuclear dynamics. Physical Review C, 2005, 72, .	2.9	11
166	Effect of resonance decays on hadron elliptic flows. Physical Review C, 2004, 70, .	2.9	60
167	Equation of state of nuclear matter and neutron stars in a hadron mass scaling frame. European Physical Journal A, 2004, 22, 337-345.	2.5	7
168	Momentum anisotropies in the quark coalescence model. Physical Review C, 2004, 69, .	2.9	69
169	Transport properties of isospin effective mass splitting. Nuclear Physics A, 2004, 732, 202-217.	1.5	90
170	On the Lorentz structure of the symmetry energy. Nuclear Physics A, 2004, 732, 24-48.	1.5	186
171	Energetic particle emission and nuclear dynamics around the Fermi energy. Nuclear Physics A, 2004, 734, 601-604.	1.5	5
172	Quark coalescence for charmed mesons in ultrarelativistic heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 202-208.	4.1	262
173	Pentaquark baryon production at the relativistic heavy ion collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 601, 34-40.	4.1	46
174	Parton Coalescence and the Antiproton/Pion Anomaly at RHIC. Physical Review Letters, 2003, 90, 202302.	7.8	568
175	Partonic coalescence in relativistic heavy ion collisions. Physical Review C, 2003, 68, .	2.9	405
176	Dynamics of phase transitions in asymmetric nuclear matter. Nuclear Physics A, 2003, 722, C129-C135.	1.5	2
177	Isospin effects in nuclear fragmentation. Physics of Atomic Nuclei, 2003, 66, 1460-1470.	0.4	0
178	Relativistic effects in the search for high density symmetry energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 562, 215-220.	4.1	70
179	Collective modes of asymmetric nuclear matter in quantum hadrodynamics. Physical Review C, 2003, 67, .	2.9	77
180	Isospin effects on two-nucleon correlation functions in heavy-ion collisions at intermediate energies. Physical Review C, 2003, 68, .	2.9	42

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