

David Bernhard Blaschke

List of Publications by Year in descending order

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335
papers

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41344

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all docs

339
docs citations

339
times ranked

5722
citing authors

#	ARTICLE	IF	CITATIONS
1	Confining density functional approach for color superconducting quark matter and mesonic correlations. EPJ Web of Conferences, 2022, 258, 07008.	0.3	5
2	Locating the special point of hybrid neutron stars. EPJ Web of Conferences, 2022, 258, 07009.	0.3	6
3	Neutron stars with crossover to color superconducting quark matter. Physical Review C, 2022, 105, .	2.9	13
4	Quark-nuclear hybrid equation of state for neutron stars under modern observational constraints. Physical Review C, 2022, 105, .	2.9	28
5	Sexaquark dilemma in neutron stars and its solution by quark deconfinement. Physical Review D, 2022, 105, .	4.7	20
6	Density functional approach to quark matter with confinement and color superconductivity. Physical Review D, 2022, 105, .	4.7	20
7	A unified quark-nuclear matter equation of state from the cluster virial expansion within the generalized Beth-Uhlenbeck approach. European Physical Journal A, 2021, 57, 1.	2.5	4
8	Unified Quark-Hadron EoS and Critical Endpoint in the QCD Phase Diagram. Acta Physica Polonica B, Proceedings Supplement, 2021, 14, 425.	0.1	0
9	Studying the onset of deconfinement with multi-messenger astronomy of neutron stars. Astronomische Nachrichten, 2021, 342, 227-233.	1.2	27
10	Quark Cluster Expansion Model for Interpreting Finite-T Lattice QCD Thermodynamics. Symmetry, 2021, 13, 514.	2.2	1
11	Update of the three-fluid hydrodynamics-based event simulator: Light-nuclei production in heavy-ion collisions. Physical Review C, 2021, 103, .	2.9	7
12	Hybrid neutron stars in the mass-radius diagram. Astronomische Nachrichten, 2021, 342, 819-825.	1.2	20
13	Mott Dissociation and Kaon to Pion Ratio in the EPNJL Model. Physics of Particles and Nuclei, 2021, 52, 609-614.	0.7	1
14	Induced surface and curvature tensions equation of state of hadrons with relativistic excluded volumes and its relation to morphological thermodynamics. Physica Scripta, 2021, 96, 125302.	2.5	0
15	Thermal production of sexaquarks in heavy-ion collisions. International Journal of Modern Physics A, 2021, 36, .	1.5	3
16	Bayesian analysis of multimessenger M-R data with interpolated hybrid EoS. European Physical Journal A, 2021, 57, 1.	2.5	31
17	Surface Waves in a Collisional Quark-Gluon Plasma. Physics of Particles and Nuclei Letters, 2020, 17, 803-808.	0.4	2
18	Equation of State Constraints from the Threshold Binary Mass for Prompt Collapse of Neutron Star Mergers. Physical Review Letters, 2020, 125, 141103.	7.8	80

#	ARTICLE	IF	CITATIONS
19	Using the Beth-Uhlenbeck Approach to Describe the Kaon to Pion Ratio in a 2 + 1 Flavor PNJL Model. <i>Particles</i> , 2020, 3, 169-177.	1.7	1
20	Nonequilibrium Pion Distribution within the Zubarev Approach. <i>Particles</i> , 2020, 3, 380-393.	1.7	4
21	First-order phase transition from hypernuclear matter to deconfined quark matter obeying new constraints from compact star observations. <i>Physical Review C</i> , 2020, 101, .	2.9	30
22	Kinetic Equation Approach to Graphene in Strong External Fields. <i>Particles</i> , 2020, 3, 456-476.	1.7	6
23	Chirally Improved Quark Pauli Blocking in Nuclear Matter and Applications to Quark Deconfinement in Neutron Stars. <i>Particles</i> , 2020, 3, 477-499.	1.7	17
24	Was GW170817 a Canonical Neutron Star Merger? Bayesian Analysis with a Third Family of Compact Stars. <i>Universe</i> , 2020, 6, 81.	2.5	60
25	Strangeness and Light Fragment Production at High Baryon Density. <i>Springer Proceedings in Physics</i> , 2020, , 183-190.	0.2	3
26	Toward a unified equation of state for multi-messenger astronomy. <i>Astronomy and Astrophysics</i> , 2020, 643, A82.	5.1	23
27	Mixed phase transition from hypernuclear matter to deconfined quark matter fulfilling mass-radius constraints of neutron stars. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 115201.	3.6	14
28	Constraining the onset density of the hadron-quark phase transition with gravitational-wave observations. <i>Physical Review D</i> , 2020, 102, .	4.7	51
29	A mixing interpolation method to mimic pasta phases in compact star matter. <i>European Physical Journal A</i> , 2020, 56, 1.	2.5	8
30	Chiral phase transition and kaon-to-pion ratios in the entanglement SU(3) PNJL model. <i>European Physical Journal: Special Topics</i> , 2020, 229, 3517-3536.	2.6	4
31	The special point on the hybrid star mass-radius diagram and its multi-messenger implications. <i>European Physical Journal: Special Topics</i> , 2020, 229, 3663-3673.	2.6	21
32	Astrophysical Aspects of General Relativistic Mass Twin Stars. , 2020, , 207-256.		9
33	Strong correlations in dense matter. <i>European Physical Journal: Special Topics</i> , 2020, 229, 3303-3309.	2.6	1
34	Classical excluded volume of loosely bound light (anti) nuclei and their chemical freeze-out in heavy ion collisions. <i>International Journal of Modern Physics E</i> , 2020, 29, 2040009.	1.0	1
35	Equation-of-state constraints and the QCD phase transition in the era of gravitational-wave astronomy. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	45
36	Hybrid equation of state with pasta phases, and third family of compact stars. <i>Physical Review C</i> , 2019, 100, .	2.9	49

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37	Bayesian Analysis for Extracting Properties of the Nuclear Equation of State from Observational Data Including Tidal Deformability from GW170817. <i>Universe</i> , 2019, 5, 61.	2.5	21
38	Parity Doubling in QCD Thermodynamics. <i>Proceedings (mdpi)</i> , 2019, 13, .	0.2	1
39	Quark-hadron pasta in neutron stars. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
40	Possible signals of two QCD phase transitions at NICA-FAIR energies. <i>EPJ Web of Conferences</i> , 2019, 204, 03001.	0.3	6
41	Parity Doubling and the Dense-Matter Phase Diagram under Constraints from Multi-Messenger Astronomy. <i>Universe</i> , 2019, 5, 180.	2.5	20
42	Comparing two different descriptions of the I-V characteristic of graphene: theory and experiment. <i>EPJ Web of Conferences</i> , 2019, 204, 06008.	0.3	6
43	Kinetic Approach to Pair Production in Strong Fieldsâ€”Two Lessons for Applications to Heavy-Ion Collisions. <i>Particles</i> , 2019, 2, 166-179.	1.7	7
44	Nonperturbative Kinetic Description of Electron-Hole Excitations in Graphene in a Time Dependent Electric Field of Arbitrary Polarization. <i>Particles</i> , 2019, 2, 208-230.	1.7	10
45	Third family of compact stars within a nonlocal chiral quark model equation of state. <i>Physical Review D</i> , 2019, 99, .	4.7	87
46	Ionization potential depression and Pauli blocking in degenerate plasmas at extreme densities. <i>Physical Review E</i> , 2019, 99, 033201.	2.1	31
47	Low-Momentum Pion Enhancement from Schematic Hadronization of a Gluon-Saturated Initial State. <i>Particles</i> , 2019, 2, 140-149.	1.7	3
48	Identifying a First-Order Phase Transition in Neutron-Star Mergers through Gravitational Waves. <i>Physical Review Letters</i> , 2019, 122, 061102.	7.8	257
49	On separate chemical freeze-outs of hadrons and light (anti)nuclei in high energy nuclear collisions. <i>Journal of Physics: Conference Series</i> , 2019, 1390, 012038.	0.4	7
50	Hard-Core Radius of Nucleons within the Induced Surface Tension Approach. <i>Universe</i> , 2019, 5, 63.	2.5	12
51	Thermodynamics of a generalized graphene-motivated (2+1) D Grossâ€™Neveu model beyond the mean field within the Bethâ€™Uhlenbeck approach. <i>Progress of Theoretical and Experimental Physics</i> , 2019, 2019, .	6.6	8
52	Accretionâ€”induced collapse to third family compact stars as trigger for eccentric orbits of millisecond pulsars in binaries. <i>Astronomische Nachrichten</i> , 2019, 340, 878-884.	1.2	6
53	Nonmonotonic entropy evolution of carriers in graphene generated by strong laser field. , 2019, , .		0
54	Implications from GW170817 and I-Love-Q relations for relativistic hybrid stars. <i>Physical Review D</i> , 2018, 97, .	4.7	192

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55	Robustness of third family solutions for hybrid stars against mixed phase effects. <i>Physical Review C</i> , 2018, 97, .	2.9	38
56	Fermi liquid, clustering, and structure factor in dilute warm nuclear matter. <i>Nuclear Physics A</i> , 2018, 970, 224-258.	1.5	9
57	Two Novel Approaches to the Hadron-Quark Mixed Phase in Compact Stars. <i>Universe</i> , 2018, 4, 94.	2.5	25
58	Phases of Dense Matter in Compact Stars. <i>Astrophysics and Space Science Library</i> , 2018, , 337-400.	2.7	53
59	Chiral symmetry restoration by parity doubling and the structure of neutron stars. <i>Physical Review D</i> , 2018, 98, .	4.7	40
60	Strange matter prospects within the string-flip model. <i>EPJ Web of Conferences</i> , 2018, 171, 20002.	0.3	3
61	Strange matter in compact stars. <i>EPJ Web of Conferences</i> , 2018, 171, 08001.	0.3	3
62	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	12
63	Quark deconfinement as a supernova explosion engine for massive blue supergiant stars. <i>Nature Astronomy</i> , 2018, 2, 980-986.	10.1	102
64	Threshold Collision Energy of the QCD Phase Diagram Tricritical Endpoint. <i>Physics of Particles and Nuclei Letters</i> , 2018, 15, 210-224.	0.4	17
65	Medium Effects on Freeze-Out of Light Clusters at NICA Energies. <i>Physics of Particles and Nuclei Letters</i> , 2018, 15, 225-229.	0.4	9
66	Effects of Composite Pions on the Chiral Condensate within the PNJL Model at Finite Temperature. <i>Physics of Particles and Nuclei Letters</i> , 2018, 15, 230-235.	0.4	7
67	Hadron resonance gas model with induced surface tension. <i>European Physical Journal A</i> , 2018, 54, 1.	2.5	46
68	Towards a Unified Quark-Hadron-Matter Equation of State for Applications in Astrophysics and Heavy-Ion Collisions. <i>Universe</i> , 2018, 4, 67.	2.5	34
69	A Phenomenological Equation of State of Strongly Interacting Matter with First-Order Phase Transitions and Critical Points. <i>Universe</i> , 2018, 4, 32.	2.5	9
70	Evidence of the QCD Tricritical Endpoint Existence at NICA-FAIR Energies. <i>KnE Energy</i> , 2018, 3, 313.	0.3	2
71	The choice of the optimal approximation in the kinetic description of the vacuum creation of electron-positron plasma in strong laser fields. , 2018, , .		2
72	Consequences of a strong phase transition in the dense matter equation of state for the rotational evolution of neutron stars. <i>Astronomy and Astrophysics</i> , 2017, 600, A39.	5.1	36

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73	Vacuum Particle-Antiparticle Creation in Strong Fields as a Field-Induced Phase Transition. Russian Physics Journal, 2017, 59, 1731-1738.	0.4	5
74	Quark-nuclear hybrid star equation of state with excluded volume effects. Physical Review D, 2017, 96, .	4.7	76
75	High-mass twin stars with a multipolytrope equation of state. Physical Review C, 2017, 96, .	2.9	68
76	Variational path-integral approach to back-reactions of composite mesons in the Nambu-Jona-Lasinio model. Nuclear Physics B, 2017, 921, 753-768.	2.5	6
77	Mott dissociation of pions and kaons in hot, dense quark matter. Physical Review D, 2017, 96, .	4.7	24
78	Nonlocal quark model description of a composite Higgs particle. Physics of Particles and Nuclei Letters, 2017, 14, 429-434.	0.4	0
79	The State of Matter in Simulations of Core-Collapse supernovae – Reflections and Recent Developments. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	30
80	Mixed phase within the multipolytrope approach to high-mass twins. Astronomische Nachrichten, 2017, 338, 1048-1051.	1.2	6
81	Field induced phase transition in the few photon regime. EPJ Web of Conferences, 2017, 138, 07004.	0.3	1
82	Recent selected theory developments for NICA. EPJ Web of Conferences, 2017, 138, 01004.	0.3	4
83	Generalized Beth-Uhlenbeck Approach to the Equation of State for Quark-Hadron Matter. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 473.	0.1	11
84	Bayesian Analysis for a New Class of Hybrid EoS Models Using Mass and Radius Data of Compact Stars. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 799.	0.1	2
85	Light Cluster Production at NICA. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 899.	0.1	1
86	Pauli Blocking Effect Within the Relativistic Pion Gas. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 903.	0.1	1
87	Nonlocal Quark Model for the Composite Higgs Particle. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 915.	0.1	0
88	Composite Particles in Medium – Effects of Substructure. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 921.	0.1	0
89	Phase Diagram of the Three-flavor Color Superconducting PNJL Model. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 897.	0.1	0
90	Quark-Nuclear Hybrid EoS with Excluded-volume Effects. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 917.	0.1	0

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91	Cooling of Neutron Stars with Stiff Stellar Matter. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 819.	0.1	2
92	15th International Conference on Strangeness in Quark Matter (SQM2015). Journal of Physics: Conference Series, 2016, 668, 011001.	0.4	0
93	Schwinger effect at modern laser facilities. Journal of Physics: Conference Series, 2016, 672, 012020.	0.4	5
94	Mass-radius constraints for the neutron star EoS - Bayesian analysis. Journal of Physics: Conference Series, 2016, 668, 012038.	0.4	7
95	Phase diagram of the three-flavor color superconducting PNJL model. Journal of Physics: Conference Series, 2016, 668, 012101.	0.4	2
96	Nonequilibrium meson production in strong fields. Journal of Physics: Conference Series, 2016, 673, 012009.	0.4	2
97	Towards a new quark-nuclear matter EoS for applications in astrophysics and heavy-ion collisions. Journal of Physics: Conference Series, 2016, 668, 012042.	0.4	8
98	Pion and kaon in the Beth-Uhlenbeck approach. Journal of Physics: Conference Series, 2016, 668, 012052.	0.4	2
99	Neutrino emissivities and bulk viscosity in neutral two-flavor quark matter. Physical Review D, 2016, 94, .	4.7	7
100	Neutron star mass limit at 2M _Å TM supports the existence of a CEP. European Physical Journal A, 2016, 52, 1.	2.5	27
101	Influence of the stiffness of the equation of state and in-medium effects on the cooling of compact stars. European Physical Journal A, 2016, 52, 1.	2.5	26
102	Pair production by Schwinger and Breit-Wheeler processes in bi-frequent fields. Journal of Plasma Physics, 2016, 82, .	2.1	18
103	Baryon stopping in heavy-ion collisions at Elab = 2A-200A GeV. European Physical Journal A, 2016, 52, 1.	2.5	5
104	Supporting the search for the CEP location with nonlocal PNJL models constrained by lattice QCD. European Physical Journal A, 2016, 52, 1.	2.5	14
105	Light cluster production at NICA. European Physical Journal A, 2016, 52, 1.	2.5	20
106	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. Physical Review C, 2016, 94, .	2.9	40
107	High-mass twins & resolution of the reconfinement, masquerade and hyperon puzzles of compact star interiors. AIP Conference Proceedings, 2016, , .	0.4	18
108	Topical issue on Exploring Strongly Interacting Matter at High Densities - NICA White Paper. European Physical Journal A, 2016, 52, 1.	2.5	51

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109	New class of hybrid EoS and Bayesian M - R data analysis. European Physical Journal A, 2016, 52, 1.	2.5	84
110	Topical issue on exotic matter in neutron stars. European Physical Journal A, 2016, 52, 1.	2.5	10
111	Assisted dynamical Schwinger effect: pair production in a pulsed bifrequent field. European Physical Journal D, 2016, 70, 1.	1.3	24
112	Excluded volume effects in the hybrid star EoS. Journal of Physics: Conference Series, 2016, 668, 012035.	0.4	2
113	Interplay between Symmetry Energy and Excluded Volume Corrections under the Direct Urca Cooling Constraint in Neutron Stars. , 2016, , .		2
114	Quark matter in high-mass neutron stars?. Physics of Particles and Nuclei, 2015, 46, 843-845.	0.7	9
115	Mott-hadron resonance gas and lattice QCD thermodynamics. Physics of Particles and Nuclei, 2015, 46, 732-736.	0.7	11
116	Robustness of the baryon-stopping signal for the onset of deconfinement in relativistic heavy-ion collisions. Physical Review C, 2015, 92, .	2.9	23
117	Dynamical Schwinger process in a bifrequent electric field of finite duration: Survey on amplification. Physical Review D, 2015, 91, .	4.7	44
118	Polyakov-loop suppression of colored states in a quark-meson-diquark plasma. Physical Review D, 2015, 91, .	4.7	20
119	Dynamical Schwinger effect: Properties of the $e + e \hat{=}$ plasma created from vacuum in strong laser fields. Physics of Particles and Nuclei, 2015, 46, 797-800.	0.7	3
120	Composite fermions in medium: Extending the Lipkin model. Physics of Particles and Nuclei, 2015, 46, 794-796.	0.7	0
121	Mott-Anderson freeze-out and the strange matter $\hat{=}$. Physics of Particles and Nuclei, 2015, 46, 789-793.	0.7	9
122	Lifting shell structures in the dynamically assisted Schwinger effect in periodic fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 335-340.	4.1	54
123	A new quark-hadron hybrid equation of state for astrophysics. Astronomy and Astrophysics, 2015, 577, A40.	5.1	183
124	New Bayesian analysis of hybrid EoS constraints with mass-radius data for compact stars. Physics of Particles and Nuclei, 2015, 46, 854-857.	0.7	8
125	Cooling of neutron stars and hybrid stars with a stiff hadronic EoS. Physics of Particles and Nuclei, 2015, 46, 849-853.	0.7	5
126	Mixed phase effects on high-mass twin stars. Physics of Particles and Nuclei, 2015, 46, 846-848.	0.7	45

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127	Supporting the existence of the QCD critical point by compact star observations. , 2015, , .		2
128	NJL model approach to diquarks and baryons in quark matter. , 2015, , .		2
129	Cluster virial expansion for quark and nuclear matter. , 2015, , .		0
130	Medium induced Lorentz symmetry breaking effects in nonlocal Polyakov-Nambu-Jona-Lasinio models. Physical Review D, 2014, 89, .	4.7	20
131	Finite-size effects at the hadron-quark transition and heavy hybrid stars. Physical Review C, 2014, 89, .	2.9	85
132	Effects of the liquid-gas phase transition and cluster formation on the symmetry energy. European Physical Journal A, 2014, 50, 1.	2.5	37
133	Quantum mechanical model for $\langle \text{mml:math altimg="si1.gif" overflow="scroll" style="color: yellow; font-size: small;">xmins:xocs= "http://www.elsevier.com/xml/xocs/dtd" xmins:xs= "http://www.w3.org/2001/XMLSchema-instance" xmlns:xi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" style="font-size: small;">\rangle$	1.5	3
134	Phase diagrams in nonlocal Polyakov-Nambu-Jona-Lasinio models constrained by lattice QCD results. Physics of Particles and Nuclei Letters, 2014, 11, 342-351.	0.4	32
135	Generalized Beth-Uhlenbeck approach to mesons and diquarks in hot, dense quark matter. Annals of Physics, 2014, 348, 228-255.	2.8	52
136	Mass and radius constraints for compact stars and the QCD phase diagram. Journal of Physics: Conference Series, 2014, 496, 012002.	0.4	12
137	Colored condensates deep inside neutron stars. EPJ Web of Conferences, 2014, 78, 07003.	0.3	0
138	Effective degrees of freedom in QCD thermodynamics. EPJ Web of Conferences, 2014, 71, 00134.	0.3	8
139	Nuclear medium cooling scenario in the era of Cas A cooling data and $2M$ pulsar mass measurements. Journal of Physics: Conference Series, 2014, 496, 012014.	0.4	3
140	Quark Matter in Core Collapse Supernova Simulations. Acta Physica Polonica B, Proceedings Supplement, 2014, 7, 153.	0.1	7
141	Crossover Transition to Quark Matter in Heavy Hybrid Stars. Acta Physica Polonica B, Proceedings Supplement, 2014, 7, 203.	0.1	16
142	Pion and Sigma Meson Dissociation in a Modified NJL Model at Finite Temperature. Acta Physica Polonica B, Proceedings Supplement, 2014, 7, 215.	0.1	12
143	Chiral Condensate and the Structure of Hadrons. Acta Physica Polonica B, Proceedings Supplement, 2014, 7, 225.	0.1	0
144	Properties of the electron-positron plasma created from a vacuum in a strong laser field: Quasiparticle excitations. Physical Review D, 2013, 88, .	4.7	28

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145	Pion dissociation and Levinson's theorem in hot PNJL quark matter. Physics of Particles and Nuclei Letters, 2013, 10, 660-668.	0.4	32
146	Influence of Laser Pulse Parameters on the Properties of e^+e^- Plasmas Created from Vacuum. Contributions To Plasma Physics, 2013, 53, 165-172.	1.1	13
147	Cluster-virial expansion for nuclear matter within a quasiparticle statistical approach. Nuclear Physics A, 2013, 897, 70-92.	1.5	43
148	Implications of the measurement of pulsars with two solar masses for quark matter in compact stars and heavy-ion collisions: A Nambu-Jona-Lasinio model case study. Physical Review D, 2013, 88, .	4.7	125
149	Nuclear medium cooling scenario in light of new Cas A cooling data and the $2M_{\odot}$ mass measurements. Physical Review C, 2013, 88, .	4.7	21
150	Chiral condensate in hadronic matter. Physical Review D, 2013, 87, .	4.7	21
151	An effective model of QCD thermodynamics. Journal of Physics: Conference Series, 2013, 455, 012056.	0.4	8
152	Nonlocal PNJL models and quark matter in compact stars. , 2013, , .		2
153	Astrophysics Constraints on the EOS. , 2013, , .		4
154	Finite Temperature Mott Transition in a Nonlocal PNJL Model. Acta Physica Polonica B, Proceedings Supplement, 2013, 6, 947.	0.1	3
155	Conformal Relativity versus Brans-Dicke and Superstring Theories. Entropy, 2012, 14, 1978-1996.	2.2	7
156	Cooling of the neutron star in Cassiopeia A. Physical Review C, 2012, 85, .	2.9	73
157	Thermodynamic instabilities in dynamical quark models with complex conjugate mass poles. Physical Review D, 2012, 86, .	4.7	19
158	Exploring hybrid-star matter at NICA and FAIR. Physics of Particles and Nuclei Letters, 2012, 9, 484-487.	0.4	11
159	D mesons at finite temperature and density in the Polyakov-Nambu-Jona-Lasinio model. Physical Review D, 2012, 85, .	4.7	35
160	Chiral Condensate and Mott-Anderson Freeze-Out. Few-Body Systems, 2012, 53, 99-109.	1.5	8
161	Core collapse supernovae in the QCD phase diagram. Physics of Atomic Nuclei, 2012, 75, 613-620.	0.4	12
162	Nonlocal PNJL model beyond mean field. Physics of Atomic Nuclei, 2012, 75, 738-740.	0.4	1

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163	Debye mass and heavy quark potential in a PNJL quark plasma. Physics of Atomic Nuclei, 2012, 75, 882-884.	0.4	1
164	Neutron star matter in a modified PNJL model. Physics of Atomic Nuclei, 2012, 75, 893-895.	0.4	2
165	A formula for charmonium suppression. Physics of Atomic Nuclei, 2012, 75, 896-898.	0.4	1
166	Two- and three-color two-quark states in warm, dense quark matter. Physics of Atomic Nuclei, 2012, 75, 910-912.	0.4	2
167	Meson form-factor scheme for the chiral lagrangian approach to J/ψ breakup cross sections motivated by a relativistic quark model. Physics of Particles and Nuclei Letters, 2012, 9, 7-17.	0.4	4
168	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 485.	0.1	15
169	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 535.	0.1	52
170	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 757.	0.1	8
171	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 963.	0.1	4
172	Nonlocal Polyakov-Nambu-Jona-Lasinio model beyond mean field and the QCD phase transition. Physical Review D, 2011, 83, .	4.7	64
173	Chiral condensate and chemical freeze-out. Physics of Particles and Nuclei Letters, 2011, 8, 811-817.	0.4	10
174	BBGKY kinetic approach for an e^+e^- pair created from the vacuum in a strong laser-generated electric field: The one-photon annihilation channel. Physical Review D, 2011, 84, .	4.7	24
175	Quarkonia and QGP studies. Nuclear Physics, Section B, Proceedings Supplements, 2011, 214, 137-142.	0.4	4
176	Kinetics of Photon Radiation off an e^+e^- Plasma Created from the Vacuum in a Strong Laser Field. Contributions To Plasma Physics, 2011, 51, 451-456.	1.1	6
177	The MPD detector at the NICA heavy-ion collider at JINR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 99-102.	1.6	71
178	Width of the QCD transition in a Polyakov-loop Dyson-Schwinger equation model. Physical Review D, 2011, 84, .	4.7	31
179	Bulk Properties of Strongly Interacting Matter. Lecture Notes in Physics, 2011, , 39-334.	0.7	11
180	In-Medium Excitations. Lecture Notes in Physics, 2011, , 335-529.	0.7	19

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181	Clusters in dense matter and the equation of state. , 2011, , .		0
182	Nonlocal quark model beyond mean field. Physics of Particles and Nuclei, 2010, 41, 921-923.	0.7	3
183	Self-consistent description of $e^+e^- + \hat{1}^3\hat{a}^+$ plasma created from the vacuum in a strong electric laser field. Physics of Particles and Nuclei, 2010, 41, 1004-1007.	0.7	5
184	Nonlocal quark model beyond mean field and QCD phase transition. Nuclear Physics, Section B, Proceedings Supplements, 2010, 198, 51-54.	0.4	4
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