

# David Bernhard Blaschke

## List of Publications by Citations

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297  
papers

7,322  
citations

43  
h-index

74  
g-index

338  
ext. papers

8,244  
ext. citations

2.6  
avg, IF

6.24  
L-index

#	Paper	IF	Citations
297	Composition and thermodynamics of nuclear matter with light clusters. <i>Physical Review C</i> , <b>2010</b> , 81,	2.7	461
296	Constraints on the high-density nuclear equation of state from the phenomenology of compact stars and heavy-ion collisions. <i>Physical Review C</i> , <b>2006</b> , 74,	2.7	297
295	Ab Initio Equation of State Data for Hydrogen, Helium, and Water and the Internal Structure of Jupiter. <i>Astrophysical Journal</i> , <b>2008</b> , 683, 1217-1228	4.7	205
294	Astrophysics: quark matter in compact stars?. <i>Nature</i> , <b>2007</b> , 445, E7-8; discussion E8	50.4	189
293	A new quark-hadron hybrid equation of state for astrophysics. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 577, A40	5.1	157
292	Hadron production in ultra-relativistic nuclear collisions: Quarkyonic matter and a triple point in the phase diagram of QCD. <i>Nuclear Physics A</i> , <b>2010</b> , 837, 65-86	1.3	157
291	Implications from GW170817 and I-Love-Q relations for relativistic hybrid stars. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	154
290	Identifying a First-Order Phase Transition in Neutron-Star Mergers through Gravitational Waves. <i>Physical Review Letters</i> , <b>2019</b> , 122, 061102	7.4	150
289	A Quantum Kinetic Equation for Particle Production in the Schwinger Mechanism. <i>International Journal of Modern Physics E</i> , <b>1998</b> , 07, 709-722	0.7	146
288	Phase diagram of three-flavor quark matter under compact star constraints. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	142
287	Symmetry energy of dilute warm nuclear matter. <i>Physical Review Letters</i> , <b>2010</b> , 104, 202501	7.4	131
286	Charmonium and bottomonium in heavy-ion collisions. <i>Progress in Particle and Nuclear Physics</i> , <b>2010</b> , 65, 209-266	10.6	126
285	Modern compact star observations and the quark matter equation of state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 654, 170-176	4.2	111
284	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. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	100
283	Diquark Condensates and Compact Star Cooling. <i>Astrophysical Journal</i> , <b>2000</b> , 533, 406-412	4.7	100
282	Quark exchange model for charmonium dissociation in hot hadronic matter. <i>Physical Review C</i> , <b>1995</b> , 51, 2723-2738	2.7	100
281	Pair production and optical lasers. <i>Physical Review Letters</i> , <b>2006</b> , 96, 140402	7.4	92

280	Continuum Study of Deconfinement at Finite Temperature. <i>Physical Review Letters</i> , <b>1996</b> , 77, 3724-3727	7.4	91
279	Cooling of neutron stars. Hadronic model. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 424, 979-992	5.1	89
278	Thermodynamic properties of a simple, confining model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 425, 232-238	4.2	86
277	Non-Markovian effects in strong-field pair creation. <i>Physical Review D</i> , <b>1999</b> , 59,	4.9	84
276	Cooling of neutron stars with color superconducting quark cores. <i>Physical Review C</i> , <b>2005</b> , 71,	2.7	78
275	Conformal transformations and conformal invariance in gravitation. <i>Annalen Der Physik</i> , <b>2009</b> , 18, 13-32	2.6	71
274	Quark deconfinement as a supernova explosion engine for massive blue supergiant stars. <i>Nature Astronomy</i> , <b>2018</b> , 2, 980-986	12.1	70
273	Finite-size effects at the hadron-quark transition and heavy hybrid stars. <i>Physical Review C</i> , <b>2014</b> , 89,	2.7	68
272	New class of hybrid EoS and Bayesian M - R data analysis. <i>European Physical Journal A</i> , <b>2016</b> , 52, 1	2.5	64
271	The MPD detector at the NICA heavy-ion collider at JINR. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 628, 99-102	1.2	63
270	Cooling of the neutron star in Cassiopeia A. <i>Physical Review C</i> , <b>2012</b> , 85,	2.7	61
269	Scalar-pseudoscalar meson masses in nonlocal effective QCD at finite temperature. <i>Physical Review C</i> , <b>1994</b> , 50, 435-446	2.7	60
268	Nonlocal Polyakov-Nambu-Jona-Lasinio model beyond mean field and the QCD phase transition. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	58
267	A dynamical, confining model and hot quark stars. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 450, 207-214	4.2	58
266	Cooling of hybrid neutron stars and hypothetical self-bound objects with superconducting quark cores. <i>Astronomy and Astrophysics</i> , <b>2001</b> , 368, 561-568	5.1	58
265	FINITE T MESON CORRELATIONS AND QUARK DECONFINEMENT. <i>International Journal of Modern Physics A</i> , <b>2001</b> , 16, 2267-2291	1.2	55
264	High-mass twin stars with a multipolytrope equation of state. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	53
263	Third family of compact stars within a nonlocal chiral quark model equation of state. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	53

262	Population synthesis as a probe of neutron star thermal evolution. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 448, 327-334	5.1	52
261	Pauli quenching effects in a simple string model of quark/nuclear matter. <i>Physical Review D</i> , <b>1986</b> , 34, 3499-3513	4.9	50
260	Quark-nuclear hybrid star equation of state with excluded volume effects. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	49
259	Abnormal number of Nambu-Goldstone bosons in the color-asymmetric dense color superconducting phase of a Nambu-Dona-Lasinio type model. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	48
258	Description of supernova data in conformal cosmology without cosmological constant. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 530, 20-26	4.2	46
257	Lifting shell structures in the dynamically assisted Schwinger effect in periodic fields. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 740, 335-340	4.2	45
256	Color-spin locking phase in two-flavor quark matter for compact star phenomenology. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	45
255	. <i>Acta Physica Polonica B, Proceedings Supplement</i> , <b>2012</b> , 5, 535	1.8	44
254	Equation of State Constraints from the Threshold Binary Mass for Prompt Collapse of Neutron Star Mergers. <i>Physical Review Letters</i> , <b>2020</b> , 125, 141103	7.4	43
253	Generalized Beth-Ühlenbeck approach to mesons and diquarks in hot, dense quark matter. <i>Annals of Physics</i> , <b>2014</b> , 348, 228-255	2.5	42
252	Hybrid stars within a covariant, nonlocal chiral quark model. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	42
251	Phase diagram of neutral quark matter in nonlocal chiral quark models. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	41
250	Hybrid stars with color superconductivity within a nonlocal chiral quark model. <i>Physical Review C</i> , <b>2004</b> , 69,	2.7	40
249	Nuclear medium cooling scenario in light of new Cas A cooling data and the 2M <sub>?</sub> pulsar mass measurements. <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	38
248	1/N <sub>c</sub> expansion of the quark condensate at finite temperature. <i>Physical Review C</i> , <b>1996</b> , 53, 2394-2400	2.7	38
247	Mixed phase effects on high-mass twin stars. <i>Physics of Particles and Nuclei</i> , <b>2015</b> , 46, 846-848	0.7	37
246	Effects of mesonic correlations in the QCD phase transition. <i>Physics of Atomic Nuclei</i> , <b>2008</b> , 71, 1981-1987.	0.4	37
245	Phases of Dense Matter in Compact Stars. <i>Astrophysics and Space Science Library</i> , <b>2018</b> , 337-400	0.3	37

244	Cluster- <i>virial expansion for nuclear matter within a quasiparticle statistical approach. <i>Nuclear Physics A</i>, <b>2013</b>, 897, 70-92</i>	1.3	36
243	Was GW170817 a Canonical Neutron Star Merger? Bayesian Analysis with a Third Family of Compact Stars. <i>Universe</i> , <b>2020</b> , 6, 81	2.5	35
242	Hadron resonance gas model with induced surface tension. <i>European Physical Journal A</i> , <b>2018</b> , 54, 1	2.5	34
241	D mesons at finite temperature and density in the Polyakov-Nambu-Jona-Lasinio model. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	34
240	Excess low energy photon pairs from pion annihilation at the chiral phase transition. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 424, 235-243	4.2	34
239	Dynamical Schwinger process in a bifrequent electric field of finite duration: Survey on amplification. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	32
238	Dynamical Schwinger effect and high-intensity lasers. Realising nonperturbative QED. <i>European Physical Journal D</i> , <b>2009</b> , 55, 341-358	1.3	32
237	Event simulation based on three-fluid hydrodynamics for collisions at energies available at the Dubna Nuclotron-based Ion Collider Facility and at the Facility for Antiproton and Ion Research in Darmstadt. <i>Physical Review C</i> , <b>2016</b> , 94,	2.7	31
236	Effects of the liquid-gas phase transition and cluster formation on the symmetry energy. <i>European Physical Journal A</i> , <b>2014</b> , 50, 1	2.5	31
235	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> , <b>2017</b> , 600, A39	5.1	29
234	Equation-of-state constraints and the QCD phase transition in the era of gravitational-wave astronomy <b>2019</b> ,		29
233	Phase diagrams in nonlocal Polyakov-Nambu-Jona-Lasinio models constrained by lattice QCD results. <i>Physics of Particles and Nuclei Letters</i> , <b>2014</b> , 11, 342-351	0.5	29
232	Width of the QCD transition in a Polyakov-loop Dyson-Schwinger equation model. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	29
231	The conformal status of $\omega = -3/2$ Brans-Dicke cosmology. <i>Annalen Der Physik</i> , <b>2007</b> , 16, 237-257	2.6	29
230	Hybrid equation of state with pasta phases, and third family of compact stars. <i>Physical Review C</i> , <b>2019</b> , 100,	2.7	28
229	Pion dissociation and Levinson's theorem in hot PNJL quark matter. <i>Physics of Particles and Nuclei Letters</i> , <b>2013</b> , 10, 660-668	0.5	28
228	Deconfinement and hadron properties at extremes of temperature and density. <i>Nuclear Physics A</i> , <b>1998</b> , 642, c197-c209	1.3	28
227	Neutron star cooling constraints for color superconductivity in hybrid stars. <i>Physical Review C</i> , <b>2006</b> , 74,	2.7	28

226	Mott effect at the chiral phase transition and anomalous $J/\psi$ suppression. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 506, 297-302	4.2	28
225	Robustness of third family solutions for hybrid stars against mixed phase effects. <i>Physical Review C</i> , <b>2018</b> , 97,	2.7	27
224	Towards a Unified Quark-Hadron-Matter Equation of State for Applications in Astrophysics and Heavy-Ion Collisions. <i>Universe</i> , <b>2018</b> , 4, 67	2.5	27
223	Coexistence of color superconductivity and chiral symmetry breaking within the NJL model. <i>European Physical Journal A</i> , <b>2003</b> , 17, 103-110	2.5	27
222	Chiral symmetry restoration by parity doubling and the structure of neutron stars. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	27
221	Color neutrality effects in the phase diagram of the Polyakov--Nambu--Jona-Lasinio model. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	26
220	Perspectives on heavy-quarkonium production at the LHC. <i>AIP Conference Proceedings</i> , <b>2008</b> ,	0	26
219	Nuclear in-medium effects and neutrino emissivity of neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>1995</b> , 273, 596-602	4.3	26
218	Neutron star mass limit at $2M_{\odot}$ supports the existence of a CEP. <i>European Physical Journal A</i> , <b>2016</b> , 52, 1	2.5	26
217	Properties of the electron-positron plasma created from a vacuum in a strong laser field: Quasiparticle excitations. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	24
216	Sequential deconfinement of quark flavors in neutron stars. <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	24
215	Ionization potential depression and Pauli blocking in degenerate plasmas at extreme densities. <i>Physical Review E</i> , <b>2019</b> , 99, 033201	2.4	23
214	The State of Matter in Simulations of Core-Collapse supernovae Reflections and Recent Developments. <i>Publications of the Astronomical Society of Australia</i> , <b>2017</b> , 34,	5.5	23
213	Analysis of chiral and thermal susceptibilities. <i>Physical Review C</i> , <b>1998</b> , 58, 1758-1766	2.7	23
212	Heavy quark bound state suppression by Mott dissociation and thermal activation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 202, 479-482	4.2	23
211	Hybrid Neutron Stars Based on a Modified PNJL Model. <i>Progress of Theoretical Physics Supplement</i> , <b>2010</b> , 186, 81-86		22
210	Quark core of protoneutron stars in the phase diagram of quark matter. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	22
209	How robust is a 2SC quark matter phase under compact star constraints?. <i>Nuclear Physics A</i> , <b>2005</b> , 757, 527-542	1.3	22

208	The Mott mechanism and the hadronic-to-quark matter phase transition. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 151, 439-443	4.2	22
207	Influence of the stiffness of the equation of state and in-medium effects on the cooling of compact stars. <i>European Physical Journal A</i> , <b>2016</b> , 52, 1	2.5	22
206	BBGKY kinetic approach for an eB+D plasma created from the vacuum in a strong laser-generated electric field: The one-photon annihilation channel. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	21
205	The influence of Pauli blocking effects on the properties of dense hydrogen. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2009</b> , 42, 214033	2	21
204	Nuclear in-medium effects on the thermal conductivity and viscosity of neutron star matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 338, 111-117	4.2	21
203	Robustness of the baryon-stopping signal for the onset of deconfinement in relativistic heavy-ion collisions. <i>Physical Review C</i> , <b>2015</b> , 92,	2.7	20
202	How strange are compact star interiors?. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2010</b> , 37, 094006	4.3	20
201	Assisted dynamical Schwinger effect: pair production in a pulsed bifrequent field. <i>European Physical Journal D</i> , <b>2016</b> , 70, 1	1.3	19
200	Mott dissociation of pions and kaons in hot, dense quark matter. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	19
199	Nonlocality effects on color spin locking condensates. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	19
198	Dissociation kinetics and momentum-dependent J/psi suppression in a quark-gluon plasma. <i>Physical Review D</i> , <b>1988</b> , 38, 3589-3592	4.9	19
197	Warm dense matter in giant planets and exoplanets. <i>Physics of Particles and Nuclei</i> , <b>2008</b> , 39, 1122-1127	0.7	18
196	Cosmological production of vector bosons and cosmic microwave background radiation. <i>Physics of Atomic Nuclei</i> , <b>2004</b> , 67, 1050-1062	0.4	18
195	Light cluster production at NICA. <i>European Physical Journal A</i> , <b>2016</b> , 52, 1	2.5	18
194	First-order phase transition from hypernuclear matter to deconfined quark matter obeying new constraints from compact star observations. <i>Physical Review C</i> , <b>2020</b> , 101,	2.7	17
193	Medium induced Lorentz symmetry breaking effects in nonlocal Polyakov-Nambu-Jona-Lasinio models. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	17
192	Thermodynamic instabilities in dynamical quark models with complex conjugate mass poles. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
191	Heavy quark potential and quarkonia dissociation rates. <i>European Physical Journal C</i> , <b>2005</b> , 43, 81-84	4.2	17



190	Population Clustering as a Signal for Deconfinement in Accreting Compact Stars. <i>Astrophysical Journal</i> , <b>2001</b> , 551, L73-L76	4.7	17
189	Anomalous pion decay in effective QCD at finite temperature. <i>Nuclear Physics A</i> , <b>1995</b> , 592, 561-580	1.3	17
188	Constraining the onset density of the hadron-quark phase transition with gravitational-wave observations. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	17
187	In-Medium Excitations. <i>Lecture Notes in Physics</i> , <b>2011</b> , 335-529	0.8	17
186	Bayesian Analysis for Extracting Properties of the Nuclear Equation of State from Observational Data Including Tidal Deformability from GW170817. <i>Universe</i> , <b>2019</b> , 5, 61	2.5	16
185	Diquark condensation effects on hot quark star configurations. <i>Nuclear Physics A</i> , <b>2004</b> , 736, 203-219	1.3	16
184	Threshold Collision Energy of the QCD Phase Diagram Tricritical Endpoint. <i>Physics of Particles and Nuclei Letters</i> , <b>2018</b> , 15, 210-224	0.5	16
183	High-mass twins & resolution of the reconfinement, masquerade and hyperon puzzles of compact star interiors <b>2016</b> ,		15
182	Unmasking neutron star interiors using cooling simulations. <i>Progress in Particle and Nuclear Physics</i> , <b>2007</b> , 59, 139-146	10.6	15
181	Asymmetric neutrino propagation in newly born magnetized strange stars; GRB and kicks. <i>Progress in Particle and Nuclear Physics</i> , <b>2006</b> , 57, 334-342	10.6	15
180	Crossover Transition to Quark Matter in Heavy Hybrid Stars. <i>Acta Physica Polonica B, Proceedings Supplement</i> , <b>2014</b> , 7, 203	1.8	15
179	Polyakov-loop suppression of colored states in a quark-meson-diquark plasma. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	14
178	Vortex structure of neutron stars with CFL quark cores. <i>Astrophysics</i> , <b>2008</b> , 51, 544-558	0.6	14
177	Pseudoscalar meson nonet at zero and finite temperature. <i>Physics of Particles and Nuclei</i> , <b>2008</b> , 39, 1033-1039	1.7	14
176	Effects of quark matter and color superconductivity in compact stars. <i>AIP Conference Proceedings</i> , <b>2003</b> ,	0	14
175	Dilepton enhancement by thermal pion annihilation in the CERES experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 386, 429-436	4.2	14
174	NON-EQUILIBRIUM APPROACH TO DENSE HADRONIC MATTER. <i>International Journal of Modern Physics E</i> , <b>1995</b> , 04, 1-45	0.7	14
173	. <i>Acta Physica Polonica B, Proceedings Supplement</i> , <b>2012</b> , 5, 485	1.8	14



172	Two Novel Approaches to the Hadron-Quark Mixed Phase in Compact Stars. <i>Universe</i> , <b>2018</b> , 4, 94	2.5	14
171	Chiral condensate in hadronic matter. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	13
170	Energy release due to antineutrino untrapping and diquark condensation in hot quark star evolution. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 416, 991-996	5.1	13
169	Gauge independence of IR singularities in non-commutative QFT and interpolating gauges. <i>Journal of High Energy Physics</i> , <b>2005</b> , 2005, 071-071	5.4	13
168	Toward a unified equation of state for multi-messenger astronomy. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 643, A82	5.1	13
167	Supporting the search for the CEP location with nonlocal PNJL models constrained by lattice QCD. <i>European Physical Journal A</i> , <b>2016</b> , 52, 1	2.5	13
166	Parity Doubling and the Dense-Matter Phase Diagram under Constraints from Multi-Messenger Astronomy. <i>Universe</i> , <b>2019</b> , 5, 180	2.5	12
165	Squeezed condensate of gluons and $\eta$ mass difference. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 397, 129-132	4.2	12
164	Cooling of Neutron Stars with Color Superconducting Quark Cores. <i>Nuclear Physics A</i> , <b>2006</b> , 774, 815-818	4.3	12
163	Chiral Symmetry Restoration and Anomalous $J/\psi$ Suppression. <i>Progress of Theoretical Physics Supplement</i> , <b>2003</b> , 149, 182-189		12
162	Quark exchange contribution to the effective meson-meson interaction potential. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 299, 332-337	4.2	12
161	Mass and radius constraints for compact stars and the QCD phase diagram. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 496, 012002	0.3	11
160	Core collapse supernovae in the QCD phase diagram. <i>Physics of Atomic Nuclei</i> , <b>2012</b> , 75, 613-620	0.4	11
159	A proposal for testing subcritical vacuum pair production with high power lasers. <i>High Energy Density Physics</i> , <b>2010</b> , 6, 166-170	1.2	11
158	Exploring the QCD phase diagram with compact stars. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2005</b> , 141, 137-142		11
157	Bulk Properties of Strongly Interacting Matter. <i>Lecture Notes in Physics</i> , <b>2011</b> , 39-334	0.8	11
156	Pair production by Schwinger and Breit-Wheeler processes in bi-frequent fields. <i>Journal of Plasma Physics</i> , <b>2016</b> , 82,	2.7	11
155	Studying the onset of deconfinement with multi-messenger astronomy of neutron stars. <i>Astronomische Nachrichten</i> , <b>2021</b> , 342, 227-233	0.7	11

154	Chirally Improved Quark Pauli Blocking in Nuclear Matter and Applications to Quark Deconfinement in Neutron Stars. <i>Particles</i> , <b>2020</b> , 3, 477-499	2.1	10
153	Mott-hadron resonance gas and lattice QCD thermodynamics. <i>Physics of Particles and Nuclei</i> , <b>2015</b> , 46, 732-736	0.7	10
152	Exploring hybrid-star matter at NICA and FAIR. <i>Physics of Particles and Nuclei Letters</i> , <b>2012</b> , 9, 484-487	0.5	10
151	Chiral condensate and chemical freeze-out. <i>Physics of Particles and Nuclei Letters</i> , <b>2011</b> , 8, 811-817	0.5	10
150	SQUEEZED GLUON CONDENSATE AND QUARK CONFINEMENT IN THE GLOBAL COLOR MODEL OF QCD. <i>International Journal of Modern Physics A</i> , <b>1999</b> , 14, 205-224	1.2	10
149	Unified approach to the ET-dependence of $J/\psi$ absorption and the hadronic to quark matter phase transition. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 233, 434-438	4.2	10
148	Pion and Sigma Meson Dissociation in a Modified NJL Model at Finite Temperature. <i>Acta Physica Polonica B, Proceedings Supplement</i> , <b>2014</b> , 7, 215	1.8	10
147	Hard-Core Radius of Nucleons within the Induced Surface Tension Approach. <i>Universe</i> , <b>2019</b> , 5, 63	2.5	10
146	Nonperturbative Kinetic Description of Electron-Hole Excitations in Graphene in a Time Dependent Electric Field of Arbitrary Polarization. <i>Particles</i> , <b>2019</b> , 2, 208-230	2.1	9
145	A Phenomenological Equation of State of Strongly Interacting Matter with First-Order Phase Transitions and Critical Points. <i>Universe</i> , <b>2018</b> , 4, 32	2.5	9
144	Influence of Laser Pulse Parameters on the Properties of $e\bar{e}+$ Plasmas Created from Vacuum. <i>Contributions To Plasma Physics</i> , <b>2013</b> , 53, 165-172	1.4	9
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