Christof Wetterich

List of Publications by Year
in descending order

326 papers	19,126 citations	17440 63 h-index	14208 128 g-index
330 all docs	330 docs citations	330 times ranked	8194 citing authors

#	Article	IF	Citations
1	Asymptotic freedom and safety in quantum gravity. Journal of High Energy Physics, 2022, 2022, 1.	4.7	11
2	The Quantum Gravity Connection between Inflation and Quintessence. Galaxies, 2022, 10, 50.	3.0	5
3	Fermionic quantum field theories as probabilistic cellular automata. Physical Review D, 2022, 105, .	4.7	2
4	Quantum fermions from classical bits. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, 20210066.	3.4	1
5	Pregeometry and spontaneous time-space asymmetry. Journal of High Energy Physics, 2022, 2022, .	4.7	4
6	Neutrino masses, vacuum stability and quantum gravity prediction for the mass of the top quark. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
7	Probabilistic cellular automata for interacting fermionic quantum field theories. Nuclear Physics B, 2021, 963, 115296.	2.5	8
8	Effective Scalar Potential in Asymptotically Safe Quantum Gravity. Universe, 2021, 7, 45.	2.5	19
9	Fundamental scale invariance. Nuclear Physics B, 2021, 964, 115326.	2.5	12
10	Dimensional crossover in ultracold Fermi gases from functional renormalization. Physical Review A, 2021, 103, .	2.5	4
11	The great emptiness at the beginning of the Universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 818, 136355.	4.1	4
12	Crossing the Big Bang singularity. Physics of the Dark Universe, 2021, 33, 100866.	4.9	1
13	Pregeometry and euclidean quantum gravity. Nuclear Physics B, 2021, 971, 115526.	2.5	8
14	Primordial flat frame: A new view on inflation. Physical Review D, 2021, 104, .	4.7	4
15	Early dark energy in the pre- and postrecombination epochs. Physical Review D, 2021, 104, .	4.7	25
16	Cosmology from pregeometry. Physical Review D, 2021, 104, .	4.7	5
17	Could the black hole singularity be a field singularity?. International Journal of Modern Physics D, 2020, 29, 2050026.	2.1	17
18	Non-perturbative unitarity and fictitious ghosts in quantum gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135911.	4.1	44

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19	Partial bosonization for the two-dimensional Hubbard model. Physical Review B, 2020, 101, .	3.2	9
20	Predictive power of grand unification from quantum gravity. Journal of High Energy Physics, 2020, 2020, 1.	4.7	18
21	Higgs scalar potential in asymptotically safe quantum gravity. Physical Review D, 2019, 99, .	4.7	59
22	Primordial dark matter halos from fifth forces. Physical Review D, 2019, 100, .	4.7	32
23	Quantum computing with classical bits. Nuclear Physics B, 2019, 948, 114776.	2.5	6
24	Variable Planck mass from the gauge invariant flow equation. Physical Review D, 2019, 100, .	4.7	40
25	Eine neue Sicht auf das alte Universum. , 2019, , 43-52.		0
26	Primordial black holes from fifth forces. Physical Review D, 2018, 97, .	4.7	34
27	Quantum formalism for classical statistics. Annals of Physics, 2018, 393, 1-70.	2.8	7
28	Information transport in classical statistical systems. Nuclear Physics B, 2018, 927, 35-96.	2.5	6
29	Gauge-invariant flow equation. Nuclear Physics B, 2018, 931, 262-282.	2.5	25
30	Quantum-gravity predictions for the fine-structure constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 198-201.	4.1	37
31	Infrared limit of quantum gravity. Physical Review D, 2018, 98, .	4.7	19
32	Gauge-invariant fields and flow equations for Yangâ€“Mills theories. Nuclear Physics B, 2018, 934, 265-316.	2.5	29
33	Gauge symmetry from decoupling. Nuclear Physics B, 2017, 915, 135-167.	2.5	20
34	Fermions as generalized Ising models. Nuclear Physics B, 2017, 917, 241-271.	2.5	7
35	Scaling solutions for dilaton quantum gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 105-110.	4.1	46
36	Graviton fluctuations erase the cosmological constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 6-19.	4.1	48

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37	Emergent scale symmetry: Connecting inflation and dark energy. Physical Review D, 2017, 96, .	4.7	70
38	Gauge hierarchy problem in asymptotically safe gravity â€" The resurgence mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 268-271.	4.1	55
39	Quantum correlations for the metric. Physical Review D, 2017, 95, .	4.7	18
40	Primordial cosmic fluctuations for variable gravity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 041-041.	5.4	13
41	Dimensional crossover of nonrelativistic bosons. Physical Review A, 2016, 93, .	2.5	22
42	Nonlinear growing neutrino cosmology. Physical Review D, 2016, 93, .	4.7	11
43	Dynamics of neutrino lumps in growing neutrino quintessence. Physical Review D, 2016, 94, .	4.7	22
44	Can observations look back to the beginning of inflation?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 109-113.	4.1	8
45	Backreaction in growing neutrino quintessence. Physical Review D, 2015, 91, .	4.7	6
46	Cosmic fluctuations from a quantum effective action. Physical Review D, 2015, 92, .	4.7	15
47	Sarma phase in relativistic and non-relativistic systems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 86-93.	4.1	16
48	Phase structure of spin-imbalanced unitary Fermi gases. Physical Review A, 2015, 91, .	2.5	35
49	Inflation, quintessence, and the origin of mass. Nuclear Physics B, 2015, 897, 111-178.	2.5	54
50	Modified Gravity and Coupled Quintessence. Lecture Notes in Physics, 2015, , 57-95.	0.7	11
51	Hot big bang or slow freeze?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 506-514.	4.1	21
52	Variable gravity Universe. Physical Review D, 2014, 89, .	4.7	81
53	Eternal Universe. Physical Review D, 2014, 90, .	4.7	30
54	Small scale structures in coupled scalar field dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 418-423.	4.1	11

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55	Critical temperature and superfluid gap of the unitary Fermi gas from functional renormalization. Physical Review A, 2014, 89, .	2.5	24
56	Isotropization from color field condensate in heavy ion collisions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	2
57	Linear lattice gauge theory. Nuclear Physics B, 2014, 884, 44-65.	2.5	1
58	Dilaton quantum gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 298-302.	4.1	61
59	Cosmon inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 15-22.	4.1	25
60	Error estimates and specification parameters for functional renormalization. Annals of Physics, 2013, 334, 83-99.	2.8	10
61	Scalar lattice gauge theory. Nuclear Physics B, 2013, 876, 147-186.	2.5	3
62	Universe without expansion. Physics of the Dark Universe, 2013, 2, 184-187.	4.9	49
63	Tan contact and universal high momentum behavior of the fermion propagator in the BCS-BEC crossover. Physical Review A, 2013, 87, .	2.5	14
64	Emergent gravity in two dimensions. Nuclear Physics B, 2013, 867, 290-329.	2.5	3
65	How early is early dark energy?. Physical Review D, 2013, 87, .	4.7	79
66	Spinor Gravity and Diffeomorphism Invariance on the Lattice. Lecture Notes in Physics, 2013, , 67-92.	0.7	3
67	Neutrino lump fluid in growing neutrino quintessence. Physical Review D, 2013, 87, .	4.7	19
68	Structure formation and backreaction in growing neutrino quintessence. Physical Review D, 2012, 85, .	4.7	27
69	Lattice diffeomorphism invariance. Physical Review D, 2012, 85, .	4.7	9
70	Quantum fermions and quantum field theory from classical statistics. Journal of Physics: Conference Series, 2012, 361, 012031.	0.4	0
71	Quantum Particles from Classical Probabilities in Phase Space. International Journal of Theoretical Physics, 2012, 51, 3236-3273.	1.2	1
72	Probabilistic Time. Foundations of Physics, 2012, 42, 1384-1443.	1.3	7

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73	Geometry and symmetries in lattice spinor gravity. Annals of Physics, 2012, 327, 2184-2244.	2.8	8
74	Chemical freeze-out in heavy ion collisions at large baryon densities. Nuclear Physics A, 2012, 890-891, 11-24.	1.5	32
75	Where to look for solving the gauge hierarchy problem?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 573-576.	4.1	30
76	Zwitters: Particles between quantum and classical. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 706-712.	2.1	4
77	Theoretical constraints on new generations with and without quarks or neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 706, 320-328.	4.1	5
78	Universality of geometry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 126-131.	4.1	7
79	Quantum phase transition in Bose-Fermi mixtures. Physical Review A, 2011, 84, .	2.5	30
80	Coupled dark energy and dark matter from dilatation anomaly. Physical Review D, 2011, 84, .	4.7	14
81	Spinors in euclidean field theory, complex structures and discrete symmetries. Nuclear Physics B, 2011, 852, 174-234.	2.5	36
82	Oscillating non-linear large-scale structures in growing neutrino quintessence. Monthly Notices of the Royal Astronomical Society, 2011, 418, 214-229.	4.4	21
83	Lattice spinor gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 612-619.	4.1	12
84	Classical probabilities for Majorana and Weyl spinors. Annals of Physics, 2011, 326, 2243-2293.	2.8	7
85	Nonlinear matter spectra in growing neutrino quintessence. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 049-049.	5.4	14
86	Hydrodynamic collective modes for cold trapped gases. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 235301.	1.5	5
87	Mass freezing in growing neutrino quintessence. Physical Review D, 2011, 83, .	4.7	19
88	Functional renormalization for spontaneous symmetry breaking in the Hubbard model. Physical Review B, 2011, 83, .	3.2	40
89	Modified Fermi sphere, pairing gap, and critical temperature for the BCS-BEC crossover. Physical Review A, 2010, 81, .	2.5	29
90	Quantum entanglement and interference from classical statistics. , 2010, , .		6

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91	Quantum mechanics from classical statistics. Annals of Physics, 2010, 325, 852-898.	2.8	29
92	Fermions from classical statistics. Annals of Physics, 2010, 325, 2750-2786.	2.8	11
93	Quantum particles from classical statistics. Annalen Der Physik, 2010, 522, 807-848.	2.4	14
94	Probabilistic observables, conditional correlations, and quantum physics. Annalen Der Physik, 2010, 522, 467-519.	2.4	9
95	Functional renormalization group approach to the BCSâ€BEC crossover. Annalen Der Physik, 2010, 522, 615-656.	2.4	21
96	Asymptotic safety of gravity and the Higgs boson mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 196-200.	4.1	287
97	Quantum particles from coarse grained classical probabilities in phase space. Annals of Physics, 2010, 325, 1359-1389.	2.8	13
98	Very large scale structures in growing neutrino quintessence. Physical Review D, 2010, 81, .	4.7	34
99	Four-point vertex in the Hubbard model and partial bosonization. Physical Review B, 2010, 81, .	3.2	25
100	Warping with dilatation symmetry and self-tuning of the cosmological constant. Physical Review D, 2010, 81, .	4.7	7
101	Too few spots in the cosmic microwave background. Physical Review D, 2010, 81, .	4.7	14
102	Cosmological constant and higher dimensional dilatation symmetry. Physical Review D, 2010, 81, .	4.7	10
103	Asymptotically free four-fermion interactions and electroweak symmetry breaking. Physical Review D, 2010, 81, .	4.7	4
104	Neutrino lumps and the cosmic microwave background. Physical Review D, 2010, 82, .	4.7	31
105	Generation ofd-wave coupling in the two-dimensional Hubbard model from functional renormalization. Physical Review B, 2009, 79, .	3.2	18
106	Efimov effect from functional renormalization. Physical Review A, 2009, 79, .	2.5	40
107	Superfluid Bose gas in two dimensions. Physical Review A, 2009, 79, .	2.5	32
108	Incommensurate antiferromagnetic fluctuations in the two-dimensional Hubbard model. Physical Review B, 2009, 80, .	3.2	12

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109	Dilatation Symmetry in Higher Dimensions and the Vanishing of the Cosmological Constant. Physical Review Letters, 2009, 102, 141303.	7.8	20
110	Functional renormalization for trion formation in ultracold fermion gases. Physical Review A, 2009, 79, .	2.5	39
111	Nonperturbative thermodynamics of an interacting Bose gas. Physical Review A, 2009, 79, .	2.5	22
112	Three-body loss in lithium from functional renormalization. Physical Review A, 2009, 79, .	2.5	28
113	Time variation of fundamental couplings and dynamical dark energy. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 038-038.	5.4	16
114	Clustering in growing neutrino cosmologies. , 2009, , .		7
115	Exact flow equation for composite operators. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 371-376.	4.1	82
116	Competing bounds on the present-day time variation of fundamental constants. Physical Review D, 2009, 79, .	4.7	11
117	Emergence of quantum mechanics from classical statistics. Journal of Physics: Conference Series, 2009, 174, 012008.	0.4	20
118	Cosmon lumps and horizonless black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 21-25.	4.1	10
119	Neutrino clustering in growing neutrino quintessence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 160-164.	4.1	72
120	Neutrino lumps in quintessence cosmology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 665, 131-134.	4.1	23
121	Unifying cosmological and recent time variations of fundamental couplings. Physical Review D, 2008, 78, .	4.7	23
122	Occupation numbers from functional integral. Nuclear Physics B, 2008, 802, 368-404.	2.5	1
123	Functional renormalization for quantum phase transitions with nonrelativistic bosons. Physical Review B, 2008, 77, .	3.2	48
124	Quintessence cosmologies with a growing matter component. Physical Review D, 2008, 78, .	4.7	146
125	Naturalness of exponential cosmon potentials and the cosmological constant problem. Physical Review D, 2008, 77, .	4.7	29
126	Big bang nucleosynthesis as a probe of fundamental â€˜constantsâ€™. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014005.	3.6	5

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127	CHIRAL TENSOR FIELDS AND SPONTANEOUS BREAKING OF LORENTZ SYMMETRY. International Journal of Modern Physics A, 2008, 23, 4345-4359.	1.5	3
128	QUANTIZATION OF CHIRAL ANTISYMMETRIC TENSOR FIELDS. International Journal of Modern Physics A, 2008, 23, 1545-1579.	1.5	4
129	CHIRAL FREEDOM AND THE SCALE OF WEAK INTERACTIONS. Modern Physics Letters A, 2008, 23, 677-684.	1.2	4
130	Constraints for warped branes. Physical Review D, 2008, 78, .	4.7	6
131	Particle-hole fluctuations in BCS-BEC crossover. Physical Review B, 2008, 78, .	3.2	58
132	Functional renormalization for Bose-Einstein condensation. Physical Review A, 2008, 77, .	2.5	46
133	Bosonic effective action for interacting fermions. Physical Review B, 2007, 75, .	3.2	22
134	Big Bang nucleosynthesis as a probe of varying fundamental â€œconstantsâ€• AIP Conference Proceedings, 2007, , .	0.4	0
135	Functional integral for ultracold fermionic atoms. Nuclear Physics B, 2007, 770, 206-272.	2.5	35
136	Primordial nucleosynthesis as a probe of fundamental physics parameters. Physical Review D, 2007, 76, .	4.7	66
137	Renormalization flow and universality for ultracold fermionic atoms. Physical Review A, 2007, 76, .	2.5	46
138	Flow equations for the BCS-BEC crossover. Physical Review A, 2007, 76, .	2.5	79
139	Impact of three years of data from the Wilkinson Microwave Anisotropy Probe on cosmological models with dynamical dark energy. Physical Review D, 2007, 75, .	4.7	60
140	Functional renormalization group for d-wave superconductivity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 367, 263-267.	2.1	22
141	Growing neutrinos and cosmological selection. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 655, 201-208.	4.1	109
142	Do instantons like a colorful background?. European Physical Journal C, 2007, 49, 997-1010.	3.9	6
143	Non-linear structure formation in cosmologies with early dark energy. Astronomy and Astrophysics, 2006, 454, 27-36.	5.1	72
144	Universality in phase transitions for ultracold fermionic atoms. Physical Review A, 2006, 73, .	2.5	47

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145	Chiral freedom and electroweak symmetry breaking. Physical Review D, 2006, 74, .	4.7	8
146	Antiferromagnetic gap in the Hubbard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 144-150.	4.1	24
147	The cosmological constant problem in codimension-two brane models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 628, 189-196.	4.1	10
148	Observational constraints on the dark energy density evolution. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 007-007.	5.4	19
149	Spontaneous Symmetry Breaking Origin for the Difference Between Time and Space. Physical Review Letters, 2005, 94, 011602.	7.8	24
150	Dark energy cosmologies for codimension-two branes. Nuclear Physics B, 2005, 726, 75-92.	2.5	26
151	Isotropization far from equilibrium. Nuclear Physics B, 2005, 727, 244-263.	2.5	24
152	Temperature dependence of antiferromagnetic order in the Hubbard model. Physical Review B, 2004, 70, .	3.2	76
153	Towards a renormalizable standard model without a fundamental Higgs scalar. Physical Review D, 2004, 69, .	4.7	70
154	Gravity from spinors. Physical Review D, 2004, 70, .	4.7	45
155	Nucleosynthesis and the variation of fundamental couplings. Physical Review D, 2004, 70, .	4.7	57
156	Universality of spontaneous chiral symmetry breaking in gauge theories. Physical Review D, 2004, 69, .	4.7	83
157	Higgs picture of the QCD-vacuum. AIP Conference Proceedings, 2004, , .	0.4	2
158	Critical phenomena in continuous dimension. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 582, 144-150.	4.1	35
159	First-order chiral phase transition from a six-fermion instanton interaction. Nuclear Physics A, 2004, 733, 113-129.	1.5	6
160	Holographic branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 409-417.	4.1	14
161	Phenomenological parameterization of quintessence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 594, 17-22.	4.1	193
162	Chemical freeze-out and the QCD phase transition temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 596, 61-69.	4.1	193

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163	Prethermalization. Physical Review Letters, 2004, 93, 142002.	7.8	383
164	Phase transition between three- and two-flavor QCD?. European Physical Journal C, 2003, 29, 251-264.	3.9	0
165	Spinor gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 574, 269-275.	4.1	40
166	Crossover quintessence and cosmological history of fundamental â€œconstantsâ€• Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 10-16.	4.1	76
167	Quintessence and the cosmological constant. Nuclear Physics, Section B, Proceedings Supplements, 2003, 124, 57-62.	0.4	14
168	Flow equations without mean field ambiguity. Physical Review D, 2003, 68, .	4.7	65
169	Can structure formation influence the cosmological evolution?. Physical Review D, 2003, 67, .	4.7	51
170	Conformal Fixed Point, Cosmological Constant, and Quintessence. Physical Review Letters, 2003, 90, 231302.	7.8	34
171	Gauge-invariant initial conditions and early time perturbations in quintessence universes. Physical Review D, 2003, 68, .	4.7	39
172	Quark and Nuclear Matter in the Linear Chiral Meson Model. International Journal of Modern Physics A, 2003, 18, 3189-3219.	1.5	26
173	Probing quintessence with time variation of couplings. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 002-002.	5.4	76
174	Early Quintessence in Light of the Wilkinson Microwave Anisotropy Probe. Astrophysical Journal, 2003, 591, L75-L78.	4.5	80
175	COSMOLOGY WITH VARYING SCALES AND COUPLINGS. , 2003, , .		4
176	Renormalization flow of bound states. Physical Review D, 2002, 65, .	4.7	156
177	Phase transition and critical behavior of thed=3 Gross-Neveu model. Physical Review B, 2002, 66, .	3.2	80
178	Connection between chiral symmetry restoration and deconfinement. Physical Review D, 2002, 66, .	4.7	6
179	Cosmon dark matter?. Physical Review D, 2002, 65, .	4.7	50
180	Equation of state for helium-4 from microphysics. Physical Review B, 2002, 65, .	3.2	7

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181	Nonperturbative Flow Equations, Low-Energy QCD, and the Chiral Phase Transition. , 2002, , 215-261.		0
182	Non-perturbative renormalization flow in quantum field theory and statistical physics. Physics Reports, 2002, 363, 223-386.	25.6	1,183
183	Instantons and spontaneous color symmetry breaking. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 277-282.	4.1	7
184	Constraining quintessence with the new CMB data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 528, 175-180.	4.1	25
185	Quintessence â€“ the Dark Energy in the Universe?. Space Science Reviews, 2002, 100, 195-206.	8.1	11
186	Evolution equations for the effective four-quark interactions in QCD. Nuclear Physics B, 2001, 606, 337-356.	2.5	14
187	Quintessence and the Separation of Cosmic Microwave Background Peaks. Astrophysical Journal, 2001, 559, 501-506.	4.5	101
188	Natural quintessence?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 497, 281-288.	4.1	73
189	Higgs description of two-flavor QCD vacuum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 512, 85-90.	4.1	12
190	Are galaxies cosmon lumps?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 522, 5-9.	4.1	31
191	EFFECTIVE AVERAGE ACTION IN STATISTICAL PHYSICS AND QUANTUM FIELD THEORY. International Journal of Modern Physics A, 2001, 16, 1951-1982.	1.5	75
192	Critical Exponents of the Gross-Neveu Model from the Effective Average Action. Physical Review Letters, 2001, 86, 958-961.	7.8	77
193	Spontaneously broken color. Physical Review D, 2001, 64, .	4.7	21
194	Nonperturbative renormalization flow and essential scaling for the Kosterlitz-Thouless transition. Physical Review B, 2001, 64, .	3.2	107
195	Unique Translation between Hamiltonian Operators and Functional Integrals. Physical Review Letters, 2001, 86, 1-5.	7.8	29
196	Structure formation and the time dependence of quintessence. Physical Review D, 2001, 64, .	4.7	73
197	Phase Transitions in LiquidH3e. Physical Review Letters, 2001, 86, 1034-1037.	7.8	13
198	Can Quintessence Be Natural?. , 2001, , 125-134.		0

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199	The chiral phase transition at high baryon density from nonperturbative flow equations. European Physical Journal C, 2000, 13, 323-329.	3.9	30
200	Spontaneous symmetry breaking in the colored Hubbard model. Physical Review B, 2000, 62, 15471-15479.	3.2	19
201	Rotation symmetry breaking condensate in a scalar theory. Physical Review D, 2000, 62, .	4.7	24
202	Exact and truncated dynamics in nonequilibrium field theory. Physical Review D, 2000, 63, .	4.7	66
203	On thermalization in classical scalar field theory. Nuclear Physics B, 2000, 587, 403-418.	2.5	55
204	Quintessential Adjustment of the Cosmological Constant. Physical Review Letters, 2000, 85, 3339-3342.	7.8	46
205	Two flavor chiral phase transition from nonperturbative flow equations. Physical Review D, 1999, 59, .	4.7	95
206	Time evolution of correlation functions and thermalization. Physical Review D, 1999, 60, .	4.7	28
207	FLOW OF THE COARSE GRAINED FREE ENERGY FOR CROSSOVER PHENOMENA. International Journal of Modern Physics A, 1999, 14, 899-918.	1.5	5
208	Natural maximal Î½Î¼âˆ’Î½Ï„ mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 451, 397-405.	4.1	37
209	Gluon-meson duality. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 164-168.	4.1	23
210	The region of validity of homogeneous nucleation theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 467, 279-288.	4.1	26
211	Equation of state near the endpoint of the critical line. Nuclear Physics B, 1999, 562, 524-546.	2.5	27
212	Effective Nonlocal Euclidean Gravity. General Relativity and Gravitation, 1998, 30, 159-172.	2.0	79
213	Effective linear meson model. European Physical Journal C, 1998, 1, 669-710.	3.9	17
214	The linear meson model and chiral perturbation theory. European Physical Journal C, 1998, 2, 557-567.	3.9	20
215	Time evolution of correlation functions in non-equilibrium field theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 430, 140-150.	4.1	34
216	Nonperturbative Flow Equations in QCD. Progress of Theoretical Physics Supplement, 1998, 131, 495-549.	0.1	4

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217	Effective quark interactions and QCD propagators. Physical Review D, 1998, 57, 1591-1604.	4.7	33
218	The linear meson model and chiral perturbation theory. European Physical Journal C, 1998, 2, 557.	3.9	4
219	Electroweak Phase Transition in the Early Universe?. , 1998, , 211-240.		0
220	Gluon condensation in nonperturbative flow equations. Physical Review D, 1997, 56, 7893-7916.	4.7	83
221	Nonequilibrium time evolution in quantum field theory. Physical Review E, 1997, 56, 2687-2690.	2.1	20
222	Time Evolution of Nonequilibrium Effective Action. Physical Review Letters, 1997, 78, 3598-3601.	7.8	32
223	Nonperturbative Analysis of the Colemanâ€“Weinberg Phase Transition. Modern Physics Letters A, 1997, 12, 2287-2308.	1.2	23
224	Equation of state and coarse grained free energy for matrix models. Nuclear Physics B, 1997, 487, 675-720.	2.5	44
225	Quantum Liouville field theory as solution of a flow equation. Nuclear Physics B, 1997, 506, 483-520.	2.5	35
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