

Ashok K Das

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4769486/publications.pdf>

Version: 2024-02-01

234
papers

3,306
citations

236925

25
h-index

276875

41
g-index

240
all docs

240
docs citations

240
times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	Bogoliubov transformation and the thermal operator representation in the real time formalism. Physical Review D, 2018, 97, .	4.7	4
2	Generalized Dirac duality and CP violation in a two-photon theory. Modern Physics Letters A, 2017, 32, 1750032.	1.2	0
3	Fermion propagator in an external potential and generalized Airy functions. Modern Physics Letters A, 2017, 32, 1750171.	1.2	0
4	Testing dark matter with the anomalous magnetic moment in a dark matter quantum electrodynamics model. Modern Physics Letters A, 2017, 32, 1750175.	1.2	1
5	Generalized Kadanoff-Baym relation in nonequilibrium quenched models. Physical Review D, 2016, 93, .	4.7	0
6	Operator description for thermal quantum field theories on an arbitrary path in the real time formalism. Physical Review D, 2016, 93, .	4.7	6
7	Generalized fluctuation-dissipation theorem in a soluble out of equilibrium model. Physical Review D, 2015, 92, .	4.7	1
8	Proper time method in de Sitter space. Physical Review D, 2015, 92, .	4.7	1
9	Cosmological kinetic mixing. Physical Review D, 2015, 91, .	4.7	0
10	Supersymmetry, shape invariance and the solubility of the hypergeometric equation. Modern Physics Letters A, 2015, 30, 1550023.	1.2	1
11	Cosmic four-fermion neutrino secret interactions, enhancement, and total cross section. Physical Review D, 2015, 91, .	4.7	1
12	A path integral approach to the Langevin equation. International Journal of Modern Physics A, 2015, 30, 1550028.	1.5	8
13	Derivation of the fluctuation-dissipation theorem from unitarity. Modern Physics Letters A, 2015, 30, 1550163.	1.2	3
14	Large-time behavior in an exactly soluble out of equilibrium model. Physical Review D, 2014, 89, .	4.7	2
15	Infrared divergences, mass shell singularities and gauge dependence of the dynamical fermion mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 414-418.	4.1	13
16	The pole of the fermion propagator in a general class of gauges. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 493-496.	4.1	3
17	Particle-antiparticle asymmetry from magnetogenesis through the Landau mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 1548-1551.	4.1	3
18	Gauge independence of the fermion pole mass. Physical Review D, 2013, 88, .	4.7	3

#	ARTICLE	IF	CITATIONS
19	Causal amplitudes in the Schwinger model at finite temperature. Physical Review D, 2012, 86, .	4.7	1
20	MOTION OF A TEST PARTICLE IN THE TRANSVERSE SPACE OF D -p-BRANES. International Journal of Modern Physics D, 2012, 21, 1250056.	2.1	1
21	Supersymmetry, shape invariance and the Legendre equations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 256-259.	4.1	6
22	Aharonov-Bohm effect in a class of noncommutative theories. Physical Review D, 2011, 84, .	4.7	25
23	Finite temperature effective actions. Journal of Physics: Conference Series, 2011, 287, 012006.	0.4	0
24	Pseudo-Hermitian quantum mechanics. Journal of Physics: Conference Series, 2011, 287, 012002.	0.4	5
25	The thermal chiral anomaly in the Schwinger model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 85-88.	4.1	3
26	Generalization of the Cooper pairing mechanism for spin-triplet in superconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 1756-1759.	2.1	8
27	Infrared chiral anomaly at finite temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 556-559.	4.1	5
28	Phenomenological implications of S-duality symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 264-270.	4.1	1
29	DARBOUX TRANSFORMATION AND MULTI-SOLITON SOLUTIONS OF TWO-BOSON HIERARCHY. Modern Physics Letters A, 2011, 26, 625-636.	1.2	1
30	Traveling wave solutions of nonlinear partial differential equations. Applied Mathematics Letters, 2010, 23, 681-686.	2.7	18
31	Thermal effective action for $1+1$ dimensional massive QED. Physical Review D, 2010, 82, .	4.7	3
32	The response of laser interferometers to a gravitational wave. American Journal of Physics, 2010, 78, 1160-1164.	0.7	5
33	An alternative construction of the positive inner product for pseudo-Hermitian Hamiltonians: Examples. Journal of Mathematical Physics, 2010, 51, .	1.1	14
34	Proper acceleration, the geometric tachyon and the dynamics of a fundamental string near D p branes. Classical and Quantum Gravity, 2009, 26, 055004.	4.0	3
35	Non-commutative supersymmetric quantum mechanics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 670, 407-415.	4.1	11
36	The structure of supersymmetry in $1+1$ dimensional massive QED. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 670, 407-415.	4.1	22

#	ARTICLE	IF	CITATIONS
37	An alternative construction of the positive inner product in non-Hermitian quantum mechanics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 504-507.	4.1	18
38	Finite temperature effective actions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 195-198.	4.1	11
39	Effective actions at finite temperature. Physical Review D, 2009, 80, .	4.7	8
40	$\langle V-A \rangle$ theory: A view from the outside. Journal of Physics: Conference Series, 2009, 196, 012004.	0.4	0
41	A simple and direct method for generating travelling wave solutions for nonlinear equations. Annals of Physics, 2008, 323, 1150-1167.	2.8	3
42	Origin of the geometric tachyon. Physical Review D, 2008, 78, .	4.7	7
43	Thermal instability in a gravity-like scalar theory. Physical Review D, 2008, 78, .	4.7	2
44	The S-matrix of the Faddeev-Reshetikhin model, diagonalizability and $\langle PT \rangle$ symmetry. Journal of High Energy Physics, 2007, 2007, 104-104.	4.7	9
45	Hard thermal effective actions in the Schwinger formulation. Physical Review D, 2007, 75, .	4.7	7
46	Thermal operator and dispersion relation in QED at finite temperature and chemical potential. Physical Review D, 2007, 76, .	4.7	1
47	Hard thermal effective action in QCD through the thermal operator. Physical Review D, 2007, 76, .	4.7	2
48	CPT/Lorentz invariance violation and neutrino oscillation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 401-406.	4.1	16
49	Thermal operator and cutting rules at finite temperature and chemical potential. Physical Review D, 2006, 74, .	4.7	5
50	Factorization of finite temperature graphs in thermal QED. Physical Review D, 2006, 73, .	4.7	9
51	Forward scattering amplitudes and the thermal operator representation. Physical Review D, 2006, 74, .	4.7	6
52	Thermal operator representation of finite temperature graphs. II. Physical Review D, 2006, 73, .	4.7	12
53	Physics of quantum relativity through a linear realization. Physical Review D, 2006, 73, .	4.7	11
54	Large-order perturbation theory and de Sitter/anti-de Sitter effective actions. Physical Review D, 2006, 74, .	4.7	16

#	ARTICLE	IF	CITATIONS
55	MATTERâ€™ANTIMATTER ASYMMETRY GENERATED AT LOW TEMPERATURES. Modern Physics Letters A, 2006, 21, 883-892.	1.2	28
56	N = 1, 2 supersymmetric non-local gas equation. European Physical Journal D, 2005, 55, 1373-1378.	0.4	0
57	The algebra of flat currents for the string onAdS5Ã—S5in the light-cone gauge. Journal of High Energy Physics, 2005, 2005, 015-015.	4.7	35
58	Supersymmetric nonlocal gas equation. Journal of Mathematical Physics, 2005, 46, 082702.	1.1	4
59	A Nonlinearly Dispersive Fifth Order Integrable Equation and its Hierarchy. Journal of Nonlinear Mathematical Physics, 2005, 12, 105.	1.3	6
60	Thermal operator representation of finite temperature graphs. Physical Review D, 2005, 72, .	4.7	17
61	Propagators with the Mandelstam-Leibbrandt prescription in the light-cone gauge. Physical Review D, 2005, 71, .	4.7	2
62	Unruh effect in the general light-front frame. Physical Review D, 2005, 71, .	4.7	2
63	Gauge field theory in the infrared regime. Physical Review D, 2005, 72, .	4.7	20
64	Bosonic reduction of susy generalized Harry Dym equation. Journal of Physics A, 2004, 37, 8031-8044.	1.6	1
65	The Algebra of Transition Matrices for theAdS5Ã—S5Superstring. Journal of High Energy Physics, 2004, 2004, 055-055.	4.7	57
66	Chiral bosonization for non-commutative fields. Journal of High Energy Physics, 2004, 2004, 022-022.	4.7	13
67	On an integrable hierarchy derived from the isentropic gas dynamics. Journal of Mathematical Physics, 2004, 45, 2633-2645.	1.1	21
68	Deformed Harry Dym and Hunterâ€™Zheng equations. Journal of Mathematical Physics, 2004, 45, 2646-2655.	1.1	9
69	Quantum behavior of a charged particle in an axial magnetic field. Physical Review A, 2004, 70, .	2.5	11
70	Kontsevich product and gauge invariance. Physical Review D, 2004, 69, .	4.7	10
71	MONODROMY MATRIX IN THE pp-WAVE LIMIT. International Journal of Modern Physics A, 2004, 19, 4503-4515.	1.5	9
72	Anomalous magnetic moment of electron in Chernâ€™Simons QED. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 581, 182-192.	4.1	8

#	ARTICLE	IF	CITATIONS
73	Susy Generalized Harry Dym Equation and Its Bosonic Reduction. European Physical Journal D, 2004, 54, 1209-1214.	0.4	1
74	Path integral approach to residual gauge fixing. Physical Review D, 2004, 70, .	4.7	3
75	Quantization in a general light-front frame. Physical Review D, 2004, 70, .	4.7	10
76	Background field quantization and non-commutative Maxwell theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 577, 76-82.	4.1	5
77	Supersymmetric extensions of the Harry Dym hierarchy. Journal of Mathematical Physics, 2003, 44, 4756.	1.1	32
78	Energy-momentum tensor in noncommutative gauge theories. Physical Review D, 2003, 67, .	4.7	19
79	Static effective action for noncommutative QED at high temperature. Physical Review D, 2003, 67, .	4.7	8
80	Light-front Schwinger model at finite temperature. Physical Review D, 2003, 68, .	4.7	13
81	Transport equation for the photon Wigner operator in noncommutative QED. Physical Review D, 2003, 68, .	4.7	4
82	Dispersion relations for the self-energy in noncommutative field theories. Physical Review D, 2002, 66, .	4.7	4
83	Non-Abelian thermal large gauge transformations in 2+1 dimensions. Physical Review D, 2002, 65, .	4.7	2
84	Vanishing magnetic mass in three-dimensional QED with a Chern-Simons term. Physical Review D, 2002, 66, .	4.7	1
85	Classical transport equation in noncommutative QED at high temperature. Physical Review D, 2002, 66, .	4.7	5
86	Duality, monodromy, and integrability of two dimensional string effective action. Physical Review D, 2002, 65, .	4.7	12
87	Induced parity violating thermal effective action for(2+1)-dimensional fermions interacting with a non-Abelian background. Physical Review D, 2002, 65, .	4.7	3
88	Parity violating bosonic loops at finite temperature. Physical Review D, 2002, 65, .	4.7	4
89	General structure of the photon self-energy in noncommutative QED. Physical Review D, 2002, 65, .	4.7	22
90	Kronecker delta energy terms in thermal field theory. Physical Review D, 2002, 65, .	4.7	1

#	ARTICLE	IF	CITATIONS
91	Systematic study of the radion in the compact Randall-Sundrum model. Physical Review D, 2002, 66, .	4.7	7
92	Transport equation and hard thermal loops in noncommutative Yang-Mills theory. Physical Review D, 2002, 66, .	4.7	7
93	Light-front field theories at finite temperature. Physical Review D, 2002, 66, .	4.7	26
94	Screening length in (2+1)-dimensional Abelian Chern-Simons theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 289-300.	4.1	3
95	Duality and integrability of two-dimensional string effective action. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 146-152.	4.1	16
96	A Lax equation for the non-linear sigma model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 546, 167-176.	4.1	3
97	Supersymmetric polytropic gas dynamics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 296, 15-26.	2.1	24
98	Alternative dispersionless limit of N=2 supersymmetric KdV-type hierarchies. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 302, 87-93.	2.1	2
99	Lucas Polynomials and a Standard Lax Representation for the Polytropic Gas Dynamics. Letters in Mathematical Physics, 2002, 60, 197-209.	1.1	8
100	SELECTED TOPICS IN INTEGRABLE MODELS. , 2002, , .		0
101	Properties of Moyal-Lax representation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 510, 264-270.	4.1	9
102	Colliding string waves and duality. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 518, 306-314.	4.1	17
103	Supersymmetric Moyal-Lax representation. Journal of Physics A, 2001, 34, 6105-6117.	1.6	9
104	Absence of higher order corrections to noncommutative Chern-Simons coupling. Journal of High Energy Physics, 2001, 2001, 028-028.	4.7	31
105	Open Membranes, p-Branes and Noncommutativity of Boundary String Coordinates. Journal of High Energy Physics, 2001, 2001, 016-016.	4.7	10
106	Absence of higher order corrections to the non-Abelian topological mass term. Physical Review D, 2001, 63, .	4.7	4
107	Derivative expansion and the parity violating effective action for thermal(2+1)-dimensional QED at higher orders. Physical Review D, 2001, 64, .	4.7	5
108	Two-loop corrections to the topological mass term in thermal QED3. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 492, 393-397.	4.1	8

#	ARTICLE	IF	CITATIONS
109	Absence of higher order corrections to the non-Abelian Chern-Simons coefficient. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 339-345.	4.1	9
110	Large gauge Ward identity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 332-340.	4.1	7
111	Dispersionless sTB. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 272, 65-73.	2.1	5
112	New nonlocal charges in SUSY-B integrable models. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 274, 30-36.	2.1	5
113	Dispersionless fermionic KdV. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 268, 342-351.	2.1	14
114	Parity-violating electromagnetic interactions in three-dimensional QED at finite temperature. Physical Review D, 2000, 62, .	4.7	12
115	Probing Luminous and Dark Matter. , 2000, , .		0
116	Nonstatic projection of three-dimensional QED at finite temperature. Physical Review D, 1999, 60, .	4.7	6
117	Soluble theory of massless scalar two-dimensional QED. Physical Review D, 1999, 59, .	4.7	0
118	Retarded thermal Green's functions and forward scattering amplitudes at two loops. Physical Review D, 1999, 60, .	4.7	13
119	Effective actions for $D+1$ dimensional scalar QED and its SUSY generalization at $T \neq 0$. Physical Review D, 1999, 59, .	4.7	5
120	Exact effective action for $[(1+1)$ -dimensional] fermions in an Abelian background at finite temperature. Physical Review D, 1999, 59, .	4.7	21
121	On neutrino masses and mixings from extra dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 470, 149-156.	4.1	37
122	Retarded Green's functions and forward scattering amplitudes in thermal field theory. Physical Review D, 1999, 59, .	4.7	17
123	Supersymmetry and singular potentials. Nuclear Physics B, 1999, 561, 357-384.	2.5	26
124	An $SL(2, Z)$ multiplet of black holes in $D=4$ type II superstring theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 421, 185-195.	4.1	2
125	A Lax representation for the Born-Infeld equation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 57-63.	4.1	19
126	Non-local charges and their algebra in topological field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 438, 99-105.	4.1	2

#	ARTICLE	IF	CITATIONS
127	THE sAKNS HIERARCHY. Modern Physics Letters A, 1998, 13, 1185-1199.	1.2	16
128	LIGHTFRONT HAMILTONIAN STRUCTURES FOR THE NONLINEAR SIGMA MODEL. Modern Physics Letters A, 1998, 13, 1133-1142.	1.2	2
129	Supersymmetry and the chiral Schwinger model. Physical Review D, 1998, 57, 2599-2602.	4.7	2
130	Derivative expansion and large gauge invariance at finite temperature. Physical Review D, 1998, 58, .	4.7	16
131	Finite temperature perturbation theory and large gauge invariance. Physical Review D, 1998, 57, 5023-5031.	4.7	25
132	INTEGRABLE MODELS AND THE HIGHER DIMENSIONAL REPRESENTATIONS OF GRADED LIE ALGEBRAS. Modern Physics Letters A, 1998, 13, 133-144.	1.2	1
133	Zero curvature formalism in superspace. , 1998, , 212-240.		3
134	THE MUON ELECTRIC DIPOLE MOMENT. , 1998, , .		0
135	Cutting Rules at Finite Temperature. Modern Physics Letters A, 1997, 12, 2481-2496.	1.2	28
136	â€œInducedâ€•supersymmetry breaking with a vanishing vacuum energy?. Nuclear Physics B, 1997, 505, 123-138.	2.5	2
137	A Lax description for polytropic gas dynamics. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 235, 597-602.	2.1	26
138	The sTB-B hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 409, 229-238.	4.1	9
139	THE ZERO CURVATURE FORMULATION OF TB, sTB HIERARCHY AND TOPOLOGICAL ALGEBRAS. Modern Physics Letters A, 1996, 11, 1317-1329.	1.2	7
140	Thermal effects on the catalysis by a magnetic field. Physical Review D, 1996, 53, 2252-2255.	4.7	21
141	GELFANDâ€™s DIKII BRACKETS FOR NONSTANDARD SUPERSYMMETRIC SYSTEMS. Modern Physics Letters A, 1996, 11, 723-730.	1.2	3
142	Tests of integrability of the supersymmetric nonlinear SchrÃ¶dinger equation. Journal of Mathematical Physics, 1995, 36, 268-280.	1.1	25
143	Properties of nonlocal charges in the supersymmetric two boson hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 354, 307-314.	4.1	21
144	Path integral solubility of a general two-dimensional model. Zeitschrift fÃ¼r Physik C-Particles and Fields, 1995, 67, 707-709.	1.5	3

#	ARTICLE	IF	CITATIONS
145	PROPERTIES OF AN ALTERNATE LAX DESCRIPTION OF THE KdV HIERARCHY. Modern Physics Letters A, 1995, 10, 931-939.	1.2	3
146	BI-HAMILTONIAN STRUCTURE OF THE SUPERSYMMETRIC NONLINEAR SCHRÖDINGER EQUATION. Modern Physics Letters A, 1995, 10, 2019-2028.	1.2	3
147	SUPERSYMMETRIC THEORIES ON A NONSIMPLY CONNECTED SPACETIME. Modern Physics Letters A, 1995, 10, 893-900.	1.2	1
148	SUPERSYMMETRIC TWO-BOSON EQUATION, ITS REDUCTIONS AND THE NONSTANDARD SUPERSYMMETRIC KP HIERARCHY. International Journal of Modern Physics A, 1995, 10, 4563-4599.	1.5	27
149	A superspace formulation of the BV action. Nuclear Physics B, 1995, 442, 655-668.	2.5	26
150	POLE DOMINANCE AND THE TWO-BODY NONLEPTONIC DECAYS OF CHARMED MESONS. , 1995, , 113-124.		0
151	A NEW CLASS OF SUPERSYMMETRIC THEORIES. , 1995, , 107-112.		0
152	DAVEY-STEWARTSON EQUATION FROM A ZERO CURVATURE AND A SELF-DUALITY CONDITION. Modern Physics Letters A, 1994, 09, 1267-1272.	1.2	1
153	CHIRAL INVARIANCE OF MASSIVE FERMIONS. Modern Physics Letters A, 1994, 09, 2217-2225.	1.2	1
154	GELFAND-DIKII BRACKETS FOR NONSTANDARD LAX EQUATIONS. Modern Physics Letters A, 1994, 09, 2147-2155.	1.2	6
155	ON THE WARD IDENTITIES AT FINITE TEMPERATURE. Modern Physics Letters A, 1994, 09, 3383-3391.	1.2	10
156	ON THE HIGHER ORDER CORRECTIONS TO HEAVY QUARK EFFECTIVE THEORY. Modern Physics Letters A, 1994, 09, 341-354.	1.2	5
157	DUALITY OF THE SUPERSTRING IN SUPERSPACE. Modern Physics Letters A, 1994, 09, 1361-1368.	1.2	6
158	Derivative expansion at finite temperature. Physical Review D, 1994, 50, 6655-6657.	4.7	25
159	More on symmetries in heavy quark effective theory. Physical Review D, 1994, 49, 2508-2513.	4.7	4
160	The supersymmetric two boson hierarchies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 337, 303-307.	4.1	44
161	OUT OF EQUILIBRIUM PHASE TRANSITIONS AND A TOY MODEL FOR DISORIENTED CHIRAL CONDENSATES. Modern Physics Letters A, 1993, 08, 3151-3163.	1.2	23
162	SELF-DUALITY AND THE SUPERSYMMETRIC KdV HIERARCHY. Modern Physics Letters A, 1993, 08, 1399-1406.	1.2	2

#	ARTICLE	IF	CITATIONS
163	SELF-DUALITY AND THE KdV HIERARCHY. Modern Physics Letters A, 1993, 08, 661-665.	1.2	0
164	Feynman parametrization and the degenerate electron gas. Physical Review D, 1993, 47, 601-607.	4.7	19
165	Analytic structure of the self-energy for massive gauge bosons at finite temperature. Physical Review D, 1993, 47, 4698-4704.	4.7	18
166	NONLEPTONIC DECAYS OF CHARMED MESONS INTO TWO PSEUDOSCALAR MESONS. Modern Physics Letters A, 1993, 08, 2079-2086.	1.2	5
167	A NOTE ON SUPERSYMMETRIC GELFAND-DIKII BRACKETS. Modern Physics Letters A, 1992, 07, 2159-2164.	1.2	3
168	Zero-momentum limit of Feynman amplitudes at finite temperature. Physical Review D, 1992, 45, 2906-2910.	4.7	16
169	The Hamiltonian structures associated with a generalized Lax operator. Journal of Mathematical Physics, 1992, 33, 2487-2497.	1.1	13
170	On the bi-Hamiltonian structures of the sKdV. Journal of Mathematical Physics, 1992, 33, 2743-2748.	1.1	3
171	The zero curvature formulation of the KP and the sKP equations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 282, 365-371.	4.1	7
172	Self-duality in 3 + 3 dimensions and the KP equation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 289, 347-353.	4.1	11
173	A geometrical formulation of fermionic integrable systems. Journal of Mathematical Physics, 1991, 32, 2733-2738.	1.1	2
174	The supersymmetric Boussinesq equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 157, 113-118.	2.1	4
175	The zero curvature formulation of the Boussinesq equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 153, 186-190.	2.1	8
176	The hamiltonian structures of the KP hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 271, 109-115.	4.1	20
177	Generalized Schwinger model and a theory of interacting photons and Majorana fermions. Physical Review D, 1991, 44, 1818-1824.	4.7	1
178	INTEGRABLE MODELS AND SPIN ALGEBRAS. International Journal of Modern Physics A, 1991, 06, 1429-1445.	1.5	9
179	Covariant Lax operators and Kac-Moody algebras. Journal of Mathematical Physics, 1991, 32, 869-874.	1.1	3
180	An alternate characterization of integrability. Journal of Mathematical Physics, 1990, 31, 2603-2605.	1.1	4

#	ARTICLE	IF	CITATIONS
181	The zero curvature formulation of the sKdV equations. Journal of Mathematical Physics, 1990, 31, 2145-2149.	1.1	16
182	Propagators for shape-invariant potentials. Physical Review D, 1990, 41, 3241-3247.	4.7	13
183	A simple Lagrangian for integrable systems. Journal of Mathematical Physics, 1990, 31, 798-800.	1.1	4
184	Wormhole solution in coupled Yang-Mills-axion system. Physical Review D, 1990, 41, 699-701.	4.7	5
185	THE ORIGIN OF QBRST IN INTEGRABLE MODELS. Modern Physics Letters A, 1990, 05, 1941-1946.	1.2	1
186	The Neveu-Schwarz-Ramond string in background fields: Nilpotency of BRST charge. Nuclear Physics B, 1990, 331, 573-591.	2.5	6
187	Chern-Simons terms in four-dimensional heterotic string theory. Physical Review D, 1989, 40, 2636-2640.	4.7	2
188	BRST quantization of the superstring in background fields. Physical Review D, 1989, 40, 4037-4046.	4.7	10
189	Supersymmetry and finite temperature. Physica A: Statistical Mechanics and Its Applications, 1989, 158, 1-21.	2.6	23
190	A systematic study of the Toda lattice. Annals of Physics, 1989, 190, 215-232.	2.8	48
191	Nilpotency of QBRST and the vanishing $\tilde{\chi}$ -function in string theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 205, 49-52.	4.1	3
192	On the $\hat{so}(2,1)$ -algebra of the KdV equation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 207, 429-433.	4.1	9
193	The integrability condition for dynamical systems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 209, 311-314.	4.1	20
194	PATH INTEGRAL DERIVATION OF THE CHERN-SIMONS TERMS IN STRING THEORIES. Modern Physics Letters A, 1988, 03, 759-765.	1.2	5
195	Derivative expansion and the chiral anomaly at finite temperature. Physical Review D, 1987, 36, 623-626.	4.7	49
196	Absence of anomaly in the compactified superstring theory in every even dimension. Physical Review D, 1987, 35, 1508-1511.	4.7	4
197	QCD sum rules and vector-meson masses and widths. Physical Review D, 1987, 35, 2178-2182.	4.7	6
198	Derivative expansion and the induced Chern-Simons term at finite temperature in 2+1 dimensions. Physical Review D, 1987, 36, 3725-3730.	4.7	96

#	ARTICLE	IF	CITATIONS
199	Derivative expansion and the solubility of two-dimensional models. Physical Review D, 1987, 36, 2591-2594.	4.7	11
200	Observations on the Nicolai map at finite temperature. Physical Review D, 1987, 35, 2053-2055.	4.7	3
201	String loop effect on the BRST charge. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 197, 342-346.	4.1	4
202	Quark mixing at finite temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 188, 133-137.	4.1	0
203	The Witten index at finite temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 181, 299-304.	4.1	4
204	Dirac quantization of the chiral superfield. Physical Review D, 1986, 34, 1108-1113.	4.7	8
205	Path-integral solubility of two-dimensional models. Physical Review D, 1986, 33, 489-495.	4.7	24
206	Chiral Schwinger model in curved space-time. Zeitschrift für Physik C-Particles and Fields, 1986, 32, 527-530.	1.5	7
207	Algebra of charges in the supersymmetric nonlinear $\tilde{t}f$ model. Zeitschrift für Physik C-Particles and Fields, 1986, 30, 401-405.	1.5	6
208	Path integrals and the solution of the Schwinger model in curved space-time. Physical Review D, 1986, 33, 2262-2266.	4.7	14
209	Dirac quantization in superspace. Physical Review D, 1986, 33, 2863-2869.	4.7	18
210	Strong-coupling calculation of the mass ratio in supersymmetric field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 154, 381-385.	4.1	1
211	High-Order Strong-Coupling Calculation of the Ground-State Energy Density in Supersymmetric Field Theory. Physical Review Letters, 1985, 54, 2481-2484.	7.8	9
212	Current-definition freedom in a derivative-coupling model. Physical Review D, 1985, 32, 2024-2030.	4.7	21
213	General Solution of the Chiral Schwinger Model. Physical Review Letters, 1985, 55, 2126-2128.	7.8	27
214	On higher order computations in strong coupling. Pramana - Journal of Physics, 1984, 23, 695-701.	1.8	1
215	Strong-coupling approximation in supersymmetric field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 134, 225-229.	4.1	4
216	Continuum Limit of Supersymmetric Field Theories on a Lattice. Physical Review Letters, 1983, 50, 397-399.	7.8	9

#	ARTICLE	IF	CITATIONS
217	New test for spontaneous breakdown of supersymmetry. Physical Review D, 1983, 28, 1473-1480.	4.7	6
218	Systematic expansion for compact QED near weak coupling. Physical Review D, 1982, 26, 1415-1424.	4.7	0
219	Decoupling and low-energy Becchi-Rouet-Stora invariance. Physical Review D, 1982, 25, 1630-1640.	4.7	4
220	Nonlinear gauge fixing with auxiliary fields. Physical Review D, 1982, 26, 2774-2781.	4.7	5
221	Quadratic gauge fixing in Yang-Mills theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 99, 463-466.	4.1	8
222	Nontrivial quadratic gauge-fixing in Yang-Mills theories. Pramana - Journal of Physics, 1981, 16, 409-416.	1.8	7
223	Proton decay. Physical Review D, 1981, 23, 132-143.	4.7	2
224	Proton stability in an asymptotically free SU(5) theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 93, 137-142.	4.1	15
225	New renormalization program for broken gauge theories. Physical Review D, 1980, 22, 1414-1428.	4.7	20
226	Asymptotically free, one-coupling-constant, one-mass-scale SU(5) model. Physical Review D, 1980, 22, 1429-1436.	4.7	15
227	Asymptotically free SU(5) model with three generations. Physical Review D, 1980, 22, 1829-1832.	4.7	14
228	Supersymmetry at high temperatures. Physical Review D, 1978, 18, 4540-4544.	4.7	69
229	Stress tensor in a class of gauge theories. Physical Review D, 1978, 18, 2065-2067.	4.7	9
230	SO(4)-invariant extended supergravity. Physical Review D, 1977, 15, 2805-2809.	4.7	57
231	Gauge internal symmetry in extended supergravity. Nuclear Physics B, 1977, 120, 221-230.	2.5	229
232	Super-Higgs effect in a new class of scalar models and a model of super QED. Physical Review D, 1977, 16, 3427-3436.	4.7	49
233	Massive, self-interacting scalar multiplet coupled to supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1977, 69, 186-188.	4.1	22
234	Gauge quantization for spin- fields. Nuclear Physics B, 1976, 114, 271-296.	2.5	75