

**SCI Papers of ITP in 2000**

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	1/m(Q) and 1/N-c expansions for excited heavy baryons with light quarks in the spin-flavor symmetric representation	Lee, JP; Liu, C; Song, HS	PHYSICAL REVIEW D	2000	62	9	96001	<a href="http://dx.doi.org/10.1103/PhysRevD.62.096001">http://dx.doi.org/10.1103/PhysRevD.62.096001</a>
2	1/m(Q) corrections to the heavy-to-light-vector transitions in HQET	Huang, CS; Liu, C; Yan, CT	PHYSICAL REVIEW D	2000	62	5	54019	<a href="http://dx.doi.org/10.1103/PhysRevD.62.054019">http://dx.doi.org/10.1103/PhysRevD.62.054019</a>
3	A hypercycle theory of proliferation of viruses and resistance to the viruses of transgenic plant	Ji, FM; Luo, LF	JOURNAL OF THEORETICAL BIOLOGY	2000	204	3	453-465	<a href="http://dx.doi.org/10.1006/jtbi.2000.2025">http://dx.doi.org/10.1006/jtbi.2000.2025</a>
4	A new topological aspect of the arbitrary dimensional topological defects	Jiang, Y; Duan, YS	JOURNAL OF MATHEMATICAL	2000	41	9	6463-6476	<a href="http://dx.doi.org/10.1063/1.1286981">http://dx.doi.org/10.1063/1.1286981</a>
5	A note on relation between holographic RG equation and Polchinski's RG equation	Li, M	NUCLEAR PHYSICS B	2000	579	1-2	525-532	<a href="http://dx.doi.org/10.1016/S0550-3213(00)00201-7">http://dx.doi.org/10.1016/S0550-3213(00)00201-7</a>
6	A phenomenological expression for deuteron electromagnetic form factors based on perturbative QCD predictions	Wu, HF; Cao, J; Huang, T	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	4	663-668	
7	A prediction of a new dibaryon system ( $\Omega(\pi)J(\pi)=0(+)J(\pi)=0(+)$ )	Zhang, ZY; Yu, YW; Ching, CR; Ho, TH; Lu,	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	3	321-328	
8	A self-tuning exact solution and the nonexistence of horizons in 5d gravity-scalar	Zhu, CJ	JOURNAL OF HIGH ENERGY PHYSICS	2000		6	34	
9	A study of gluon propagator on coarse lattice	Ma, JP	MODERN PHYSICS LETTERS A	2000	15	4	229-244	<a href="http://dx.doi.org/10.1142/S0217732300000220">http://dx.doi.org/10.1142/S0217732300000220</a>
10	A supersymmetric extension of the standard model with bilinear R-parity violation	Chang, CH; Feng, TF	EUROPEAN PHYSICAL JOURNAL C	2000	12	1	137-160	<a href="http://dx.doi.org/10.1007/s100529900194">http://dx.doi.org/10.1007/s100529900194</a>
11	A uniform semiclassical calculation of the rings in photodetachment microscope	Yang, GC; Du, ML	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	1	1-6	
12	Absence of overscreened Kondo effect in a ferromagnetic host	Dai, JH; Wang, YP	PHYSICAL REVIEW B	2000	62	2	R759-R762	<a href="http://dx.doi.org/10.1103/PhysRevB.62.R759">http://dx.doi.org/10.1103/PhysRevB.62.R759</a>
13	Absence of the zero bias peak in vortex tunneling spectra of high-temperature	Wu, CJ; Xiang, T; Su, ZB	PHYSICAL REVIEW B	2000	62	21	14427-14430	<a href="http://dx.doi.org/10.1103/PhysRevB.62.14427">http://dx.doi.org/10.1103/PhysRevB.62.14427</a>
14	Algebraic model description of high spin superdeformed bands	Liu, YX	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24		50-53	
15	Alpha cluster structure of hypernuclei and Lambda-separate energy of O-17(Lambda)	Liu, XH	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24	8	739-742	
16	Alternative mass-shell renormalization for a minimal supersymmetric Higgs sector	Shan, LY	EUROPEAN PHYSICAL JOURNAL C	2000	12	1	113-123	<a href="http://dx.doi.org/10.1007/s100529900239">http://dx.doi.org/10.1007/s100529900239</a>
17	An overview of chaos	Hao, BL	RECENT ADVANCES AND CROSS-CENTURY OUTLOOKS IN PHYSICS: INTERPLAY BETWEEN THEORY AND EXPERIMENT	2000			285-294	
18	Analytic treatment of black-hole gravitational waves at the algebraically special frequency	van den Brink, AM	PHYSICAL REVIEW D	2000	62	6	64009	<a href="http://dx.doi.org/10.1103/PhysRevD.62.064009">http://dx.doi.org/10.1103/PhysRevD.62.064009</a>
19	Angular momentum and energy structure of the coherent state of a 2D isotropic harmonic	Liu, YF; Huo, WJ; Zeng, JY	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	3	487-490	
20	Approach to Monte Carlo calculation of the buckling of supercoiled DNA loops	Zhang, Y	PHYSICAL REVIEW E	2000	62	5	R5923-R5926	<a href="http://dx.doi.org/10.1103/PhysRevE.62.R5923">http://dx.doi.org/10.1103/PhysRevE.62.R5923</a>
21	B -> X-s tau(+) tau(-) in a CP spontaneously broken two Higgs doublet model	Huang, CS; Zhu, SH	PHYSICAL REVIEW D	2000	61	1	15011	<a href="http://dx.doi.org/10.1103/PhysRevD.61.015011">http://dx.doi.org/10.1103/PhysRevD.61.015011</a>
22	B-c meson properties and its leptonic radiative decays	Chang, CH	PRAMANA-JOURNAL OF PHYSICS	2000	55	1-2	283-288	<a href="http://dx.doi.org/10.1007/s12043-000-0107-0">http://dx.doi.org/10.1007/s12043-000-0107-0</a>
23	Behavior of the Lyapunov exponent and phase transition in nuclei	Wang, N; Wu, XZ; Li, ZX; Wang, N; Zhuo, YZ; Sun, XQ	CHINESE PHYSICS LETTERS	2000	17	10	711-713	
24	Bilinear R-parity violation and tau(-/+) (kappa)over-tilde(+/-) mixing production in	Chang, CH; Feng, TF; Shan, LY	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	3	421-430	
25	Calculation of four-quark condensate beyond vacuum saturation approximation	Zong, HS; Lu, XF; Wang, F; Chang, CH; Zhao, EG	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	3	563-566	
26	Canonical quantum teleportation	Yu, SX; Sun, CP	PHYSICAL REVIEW A	2000	61	2	22310	<a href="http://dx.doi.org/10.1103/PhysRevA.61.022310">http://dx.doi.org/10.1103/PhysRevA.61.022310</a>
27	c-axis superfluid response and pseudogap in high-T-c superconductors	Panagopoulos, C; Cooper, JR; Xiang, T; Wang, YS; Chu, CW	PHYSICAL REVIEW B	2000	61	6	R3808-R3810	<a href="http://dx.doi.org/10.1103/PhysRevB.61.R3808">http://dx.doi.org/10.1103/PhysRevB.61.R3808</a>
28	Chargino-pair productions via Drell-Yan process at the LHC	Zhou, H; Ma, WG; Han, L; Jiang, Y; Zhou, ML	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	4	669-676	
29	Chiral quark model with topological ghost	Yang, S; Lu, XF; Zhao, EG	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	2	173-176	
30	Chiral quark model with topological ghost	Yang, S; Lu, XF; Zhao, EG	NUCLEAR PHYSICS A	2000	675	1-2	379C-382C	<a href="http://dx.doi.org/10.1016/S0375-9474(00)00293-1">http://dx.doi.org/10.1016/S0375-9474(00)00293-1</a>
31	Classical geometric description of interacting system based on solution space of free motion	Shao, MX; Zhu, ZY	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	4	679-682	
32	Collective scattering of electromagnetic waves from a Relativistic magnetized plasma	Lu, QK	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	4	639-642	
33	Color singlet relativistic correction in J/psi photoproduction	Paranavitane, CB; McKellar, BHJ; Ma, JP	PHYSICAL REVIEW D	2000	61	11	114502	<a href="http://dx.doi.org/10.1103/PhysRevD.61.114502">http://dx.doi.org/10.1103/PhysRevD.61.114502</a>
34	Comment on Quantum electrodynamic treatment of harmonic generation in intense optical fields	Chen, J; Chen, SG; Liu, J	PHYSICAL REVIEW LETTERS	2000	84	18	4252-4252	<a href="http://dx.doi.org/10.1103/PhysRevLett.84.4252">http://dx.doi.org/10.1103/PhysRevLett.84.4252</a>
35	Connection between distribution and fragmentation functions	Barone, V; Drago, A; Ma, BQ	PHYSICAL REVIEW C	2000	62	6	62201	<a href="http://dx.doi.org/10.1103/PhysRevC.62.062201">http://dx.doi.org/10.1103/PhysRevC.62.062201</a>
36	Constraint for the existence of ellipsoidal vesicles	Xie, YZ	CHINESE PHYSICS LETTERS	2000	17	3	230-232	
37	Contribution of penguins to the nonspectator effects in B-, (B)over-bar(0), Lambda(b) decays and the missing charm problem	Dai, WS; Li, XQ; Zhao, G	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	3	431-436	
38	Cosmic wave functions with the Brans-Dicke theory	Zhu, ZH	CHINESE PHYSICS LETTERS	2000	17	11	856-858	<a href="http://dx.doi.org/10.1088/0256-307X/17/11/027">http://dx.doi.org/10.1088/0256-307X/17/11/027</a>

39	CP violation in semi-leptonic decays of the top quark within MSSM	Bi, XJ; Dai, YB	EUROPEAN PHYSICAL JOURNAL C	2000	12	1	125-135	<a href="http://dx.doi.org/10.1007/s100529900211">http://dx.doi.org/10.1007/s100529900211</a>
40	Decomposition of SU(N) connection and effective theory of SU(N) QCD	Li, S; Zhang, Y; Zhu, ZY	PHYSICS LETTERS B	2000	487	1-2	201-208	<a href="http://dx.doi.org/10.1016/S0370-2693(00)00810-8">http://dx.doi.org/10.1016/S0370-2693(00)00810-8</a>
41	Delta I=1 staggering in doubly odd superdeformed nuclei	Wu, CS; Li, ZH	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	3	397-404	
42	Derivation of effective chiral Lagrangian for the whole nonet pseudo-scalar Goldstone bosons from QCD	Wang, XL; Wang, ZM; Wang, Q	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	4	683-704	
43	Derivation of effective chiral Lagrangian involving PSGB and vector bosons from QCD	Wang, XL; Wang, Q	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	3	519-530	
44	Description of the superdeformed bands of the lutetium isotopes	Wang, JJ; Zhang, YJ	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	3	503-506	
45	Dimensions of fractals related to languages defined by tagged strings in complete genomes	Yu, ZG; Hao, BL; Xie, HM; Chen, GY	CHAOS SOLITONS & FRACTALS	2000	11	14	2215-2222	<a href="http://dx.doi.org/10.1016/S0960-0779(99)00141-1">http://dx.doi.org/10.1016/S0960-0779(99)00141-1</a>
46	Dirac quantization in Kantowski-Sachs spacetime	Shen, YG; Zhang, TJ	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2000	39	4	1049-1053	<a href="http://dx.doi.org/10.1023/A:1003602508208">http://dx.doi.org/10.1023/A:1003602508208</a>
47	Directed motion induced by shifting ratchet	Li, YX; Wu, XZ; Zhuo, YZ	INTERNATIONAL JOURNAL OF MODERN PHYSICS	2000	14	24	2609-2616	<a href="http://dx.doi.org/10.1142/S0217979200002235">http://dx.doi.org/10.1142/S0217979200002235</a>
48	Directed motion of two-headed Brownian motors	Li, YX; Wu, XZ; Zhuo, YZ	MODERN PHYSICS LETTERS B	2000	14	13	479-486	<a href="http://dx.doi.org/10.1142/S0217984900000604">http://dx.doi.org/10.1142/S0217984900000604</a>
49	Distillability of two entanglement particles transmitted through a noisy channel	Yi, XX; Guo, GC	PHYSICAL REVIEW A	2000	62	6	62312	<a href="http://dx.doi.org/10.1103/PhysRevA.62.062312">http://dx.doi.org/10.1103/PhysRevA.62.062312</a>
50	Dominant gate imperfection in Grover's quantum search algorithm	Long, GL; Li, YS; Zhang, WL; Tu, CC	PHYSICAL REVIEW A	2000	61	4	42305	<a href="http://dx.doi.org/10.1103/PhysRevA.61.042305">http://dx.doi.org/10.1103/PhysRevA.61.042305</a>
51	Dynamic approach to weak first-order phase transitions	Schulke, L; Zheng, B	PHYSICAL REVIEW E	2000	62	5	7482-7485	<a href="http://dx.doi.org/10.1103/PhysRevE.62.7482">http://dx.doi.org/10.1103/PhysRevE.62.7482</a>
52	Dynamical symmetry of screened Coulomb potential and isotropic harmonic oscillator	Wu, ZB; Zeng, JY	PHYSICAL REVIEW A	2000	62	3	32509	<a href="http://dx.doi.org/10.1103/PhysRevA.62.032509">http://dx.doi.org/10.1103/PhysRevA.62.032509</a>
53	Dynamical symmetry, integrability of quantum systems, and general character of quantum regular motion	Xu, GO; Yang, YT; Xing, YZ	PHYSICAL REVIEW A	2000	61	4	42104	<a href="http://dx.doi.org/10.1103/PhysRevA.61.042104">http://dx.doi.org/10.1103/PhysRevA.61.042104</a>
54	Dynamics of an atomic Bose-Einstein condensation interacting with a laser field in a	Wang, HJ; Yi, XX; Be, XW	PHYSICAL REVIEW A	2000	62	2	23601	<a href="http://dx.doi.org/10.1103/PhysRevA.62.023601">http://dx.doi.org/10.1103/PhysRevA.62.023601</a>
55	Effect of the exciton-exciton interaction on resonance fluorescence of excitons in a quantum well	Liu, YX; Cao, CQ; Cao, H	PHYSICAL REVIEW A	2000	61	2	23802	<a href="http://dx.doi.org/10.1103/PhysRevA.61.023802">http://dx.doi.org/10.1103/PhysRevA.61.023802</a>
56	Effective mass of composite fermions: A phenomenological fit to the anomalous propagation of a surface acoustic wave	Yu, Y; Su, ZB	PHYSICAL REVIEW B	2000	61	4	2855-2862	<a href="http://dx.doi.org/10.1103/PhysRevB.61.2855">http://dx.doi.org/10.1103/PhysRevB.61.2855</a>
57	Effects of doping on thermally excited quasiparticles in the high-T-c superconducting	Xiang, T; Panagopoulos, C	PHYSICAL REVIEW B	2000	61	9	6343-6345	<a href="http://dx.doi.org/10.1103/PhysRevB.61.6343">http://dx.doi.org/10.1103/PhysRevB.61.6343</a>
58	Effects of substituting the rare-earth ion R by nonmagnetic impurities in R2BaNiO5: Theory and numerical density-matrix renormalization-group results	Ng, TK; Lou, JZ; Su, ZB	PHYSICAL REVIEW B	2000	61	17	11487-11491	<a href="http://dx.doi.org/10.1103/PhysRevB.61.11487">http://dx.doi.org/10.1103/PhysRevB.61.11487</a>
59	Effects of the initial hadron in B -> J/psi+X	Ma, JP	PHYSICS LETTERS B	2000	488	1	55-62	<a href="http://dx.doi.org/10.1016/S0370-2693(00)00845-5">http://dx.doi.org/10.1016/S0370-2693(00)00845-5</a>
60	Elastic property of single double-stranded DNA molecules: Theoretical study and comparison with experiments	Zhou, HJ; Zhang, Y; Ou-Yang, ZC	PHYSICAL REVIEW E	2000	62	1	1045-1058	<a href="http://dx.doi.org/10.1103/PhysRevE.62.1045">http://dx.doi.org/10.1103/PhysRevE.62.1045</a>
61	Electric dipole moment and CP violation in B -> X(s)(+)(- ) in supergravity models with nonuniversal gaugino masses	Huang, CS; Wei, L	PHYSICAL REVIEW D	2000	62	1	16008	<a href="http://dx.doi.org/10.1103/PhysRevD.62.016008">http://dx.doi.org/10.1103/PhysRevD.62.016008</a>
62	Electroweak symmetry breaking due to confinement	Liu, C	MODERN PHYSICS LETTERS A	2000	15	8	525-530	<a href="http://dx.doi.org/10.1142/S0217732300000517">http://dx.doi.org/10.1142/S0217732300000517</a>
63	Enhanced contribution to quark and neutron electric dipole moments with small mixing of right-handed currents and CKM CP violation	Liao, Y; Li, XY	PHYSICAL REVIEW D	2000	61	7	76002	<a href="http://dx.doi.org/10.1103/PhysRevD.61.076002">http://dx.doi.org/10.1103/PhysRevD.61.076002</a>
64	Evidence for non-vanishing cosmological constant in non-SUSY superstring models	Iengo, R; Zhu, CJ	JOURNAL OF HIGH ENERGY PHYSICS	2000		4	28	
65	Exact solutions for the mean field plus state-dependent pairing Hamiltonian	Pan, F; Draayer, JP; Guo, L	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	2000	33	8	1597-1602	<a href="http://dx.doi.org/10.1088/0305-4470/33/8/306">http://dx.doi.org/10.1088/0305-4470/33/8/306</a>
66	Excited heavy baryon masses in HQET QCD sum rules	Huang, CS; Zhang, AL; Zhu, SL	PHYSICS LETTERS B	2000	492	3-4	288-296	<a href="http://dx.doi.org/10.1016/S0370-2693(00)1088-1">http://dx.doi.org/10.1016/S0370-2693(00)1088-1</a>
67	Exclusive semileptonic rare decays B -> (K,K*)(+)(- ) in supersymmetric theories	Yan, QS; Huang, CS; Liao, W; Zhu, SH	PHYSICAL REVIEW D	2000	62	9	94023	<a href="http://dx.doi.org/10.1103/PhysRevD.62.094023">http://dx.doi.org/10.1103/PhysRevD.62.094023</a>
68	F-0(F)over-bar(0) mixing and CP violation in the general two Higgs doublet model	Wu, YL; Zhou, YF	PHYSICAL REVIEW D	2000	61	9	96001	<a href="http://dx.doi.org/10.1103/PhysRevD.61.096001">http://dx.doi.org/10.1103/PhysRevD.61.096001</a>
69	Factorizable language: from dynamics to bacterial complete genomes	Hao, BL; Xie, HM; Yu, ZG; Chen, GY	PHYSICA A	2000	288	1-4	10-20	<a href="http://dx.doi.org/10.1016/S0378-4371(00)00411-8">http://dx.doi.org/10.1016/S0378-4371(00)00411-8</a>
70	Faint field galaxies: An explanation of the faint blue excess using number evolution models	He, P; Zou, ZL; Zhang, YZ	ASTROPHYSICS AND SPACE SCIENCE	2000	274	3	557-579	<a href="http://dx.doi.org/10.1023/A:1026535611877">http://dx.doi.org/10.1023/A:1026535611877</a>
71	Finite-size spectrum, magnon interactions, and magnetization of S=1 Heisenberg spin chains	Lou, JZ; Qin, SJ; Ng, TK; Su, ZB; Affleck, I	PHYSICAL REVIEW B	2000	62	6	3786-3794	<a href="http://dx.doi.org/10.1103/PhysRevB.62.3786">http://dx.doi.org/10.1103/PhysRevB.62.3786</a>
72	Finite-temperature excitations of an inhomogeneous trapped Bose gas with Feshbach resonances	Yi, XX; Zhou, DL; Sun, CP; Zheng, WM	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2000	33	6	1193-1201	<a href="http://dx.doi.org/10.1088/0953-4075/33/6/306">http://dx.doi.org/10.1088/0953-4075/33/6/306</a>
73	Flavor and spin structure of hyperons from quark fragmentation	Ma, BQ; Schmidt, I; Soffer, J; Yang, JJ	PHYSICAL REVIEW D	2000	62	11	114009	<a href="http://dx.doi.org/10.1103/PhysRevD.62.114009">http://dx.doi.org/10.1103/PhysRevD.62.114009</a>
74	Fractals from genomes	Hao, BL	MODERN PHYSICS LETTERS B	2000	14	25-26	871-875	<a href="http://dx.doi.org/10.1142/S0217984900001154">http://dx.doi.org/10.1142/S0217984900001154</a>
75	Fractals from genomes - exact solutions of a biology-inspired problem	Hao, BL	PHYSICA A	2000	282	1-2	225-246	<a href="http://dx.doi.org/10.1016/S0378-4371(00)00102-3">http://dx.doi.org/10.1016/S0378-4371(00)00102-3</a>
76	Fractals related to long DNA sequences and complete genomes	Hao, BL; Lee, HC; Zhang, SY	CHAOS SOLITONS & FRACTALS	2000	11	6	825-836	<a href="http://dx.doi.org/10.1016/S0960-0779(98)00182-9">http://dx.doi.org/10.1016/S0960-0779(98)00182-9</a>

77	Fragment mass distribution of spallation reaction induced by intermediate energy protons	Fan, S; Li, ZX	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24	9	845-851	
78	From composite fermions to the Calogero-Sutherland model: Edge of the fractional quantum Hall liquid and the dimension reduction	Yu, Y	PHYSICAL REVIEW B	2000	61	7	4465-4468	<a href="http://dx.doi.org/10.1103/PhysRevB.61.4465">http://dx.doi.org/10.1103/PhysRevB.61.4465</a>
79	Further study on U(1) gauge invariance restoration	Chang, CH; Ding, YB; Li, XQ; Tong, SP; Wang, JX; Zhao, JF; Zhu, JJ	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	3	483-490	
80	Gauge field theory of transport and magnetic relaxation in underdoped cuprates	Marchetti, PA; Dai, JH; Su, ZB; Yu, L	JOURNAL OF PHYSICS-CONDENSED MATTER	2000	12	22	L329-L336	<a href="http://dx.doi.org/10.1088/0953-8984/12/22/L329">http://dx.doi.org/10.1088/0953-8984/12/22/L329</a>
81	Generalized two-state theory for an atom laser and its interference	Yi, XX; Wang, HJ; Su, JC; Sun, CP	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	4	715-722	
82	Glueball-quarkonia content of the $f_0(1370)$ , $f_0(1500)$ and $f_0(1710)$	Li, DM; Yu, H; Shen, QX	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	3	507-512	
83	Gravitational lensing effects of fermion-fermion stars: strong field case	Jin, KJ; Zhang, YZ; Zhu, ZH	PHYSICS LETTERS A	2000	264	5	335-340	<a href="http://dx.doi.org/10.1016/S0375-9601(99)00830-0">http://dx.doi.org/10.1016/S0375-9601(99)00830-0</a>
84	Gravitational lensing of fermion stars	Liu, DH; Zhang, YZ; Zhu, ZH	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	2	349-358	
85	Ground-state properties of Z=59 isotopic chain in the relativistic mean-field theory	Zhou, Y; Li, JQ; Ma, ZY; Chen, BQ	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24	8	748-754	
86	Hamiltonian structures for Ito's equation	Liu, QP	PHYSICS LETTERS A	2000	277	1	31-34	<a href="http://dx.doi.org/10.1016/S0375-9601(00)00684-8">http://dx.doi.org/10.1016/S0375-9601(00)00684-8</a>
87	High-order harmonic generation in the ionization process	Chen, J; Chen, SG; Liu, J	CHINESE PHYSICS LETTERS	2000	17	10	723-725	
88	Holography and noncommutative Yang-Mills theory	Li, M; Wu, YS	PHYSICAL REVIEW LETTERS	2000	84	10	2084-2087	<a href="http://dx.doi.org/10.1103/PhysRevLett.84.2084">http://dx.doi.org/10.1103/PhysRevLett.84.2084</a>
89	Implications of LEP and SLD data for new physics in Z(b)over-bar couplings	Oakes, RJ; Yang, JM; Young, BL	PHYSICAL REVIEW D	2000	61	7	75007	<a href="http://dx.doi.org/10.1103/PhysRevD.61.075007">http://dx.doi.org/10.1103/PhysRevD.61.075007</a>
90	Inclusive and direct photons in S plus Au collisions at 200A GeV/c	Wang, H; Sa, BH; Tai, A; Sun, ZX	PHYSICAL REVIEW C	2000	61	6	64905	<a href="http://dx.doi.org/10.1103/PhysRevC.61.064905">http://dx.doi.org/10.1103/PhysRevC.61.064905</a>
91	Inclusive decays of bottom hadrons in new formulation of heavy quark effective field theory	Yan, YA; Wu, YL; Wang, WY	INTERNATIONAL JOURNAL OF MODERN PHYSICAL REVIEW B	2000	15	17	2735-2770	
92	Influence of the additional second-neighbor hopping on the spin response in the t-J model	Ke, XL; Yuan, F; Feng, SP	PHYSICAL REVIEW B	2000	62	1	134-137	<a href="http://dx.doi.org/10.1103/PhysRevB.62.134">http://dx.doi.org/10.1103/PhysRevB.62.134</a>
93	Instantons and the monopole-like equations in eight dimensions	Gao, YH; Tian, G	JOURNAL OF HIGH ENERGY PHYSICS	2000		5	36	
94	Is any s = -3 dibaryon possible?	Li, QB; Shen, PN	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24	9	880-884	
95	Isospin dependence of nucleon-nucleon elastic cross section	Li, QF; Li, ZX; Mao, GJ	PHYSICAL REVIEW C	2000	62	1	14606	<a href="http://dx.doi.org/10.1103/PhysRevC.62.014606">http://dx.doi.org/10.1103/PhysRevC.62.014606</a>
96	Kondo singlet state coexisting with antiferromagnetic long-range order: A possible ground state for Kondo insulators	Zhang, GM; Yu, L	PHYSICAL REVIEW B	2000	62	1	76-79	<a href="http://dx.doi.org/10.1103/physrevb.62.76">http://dx.doi.org/10.1103/physrevb.62.76</a>
97	Kondo spin liquid and magnetically long-range ordered states in the Kondo necklace model	Zhang, GM; Gu, Q; Yu, L	PHYSICAL REVIEW B	2000	62	1	69-72	<a href="http://dx.doi.org/10.1103/PhysRevB.62.69">http://dx.doi.org/10.1103/PhysRevB.62.69</a>
98	$\Lambda b \rightarrow \Sigma^*(\pi) c \pi$ ( $\nu$ )over-bar in the heavy quark, chiral, and large N-c limits	Lee, JP; Liu, C; Song, HS	PHYSICAL REVIEW D	2000	61	1	14006	
99	Large N expansion from fuzzy AdS(2)	Ho, PM; Li, M	NUCLEAR PHYSICS B	2000	590	1-2	198-212	<a href="http://dx.doi.org/10.1016/S0550-3213(00)00540-X">http://dx.doi.org/10.1016/S0550-3213(00)00540-X</a>
100	Large Yukawa coupling corrections to scalar quark pair production in $e^+e^-$ annihilation	Bi, XJ; Dai, YB; Qi, XY	PHYSICAL REVIEW D	2000	62	11	115004	<a href="http://dx.doi.org/10.1103/PhysRevD.62.115004">http://dx.doi.org/10.1103/PhysRevD.62.115004</a>
101	Lattice and spin polarons in two dimensions	Zhao, Y; Chen, GH; Yu, L	JOURNAL OF CHEMICAL PHYSICS	2000	113	16	6502-6508 / PII [S0021-9606(00)50240-2]	<a href="http://dx.doi.org/10.1063/1.1310326">http://dx.doi.org/10.1063/1.1310326</a>
102	Leading electroweak corrections to the neutral Higgs boson production at the Fermilab Tevatron	Cao, QH; Li, CS; Zhu, SH	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	2	275-284	
103	Leptonic decay and radiative transition of $\Psi^*$ in medium at finite temperature and density	Liu, B; Peng, GX; Shen, PN; He, ZJ; Chen, H; Ma, WX; Zhao, EG; Lu, HC	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24	10	969-973	
104	Level statistics for the gapped spin-1/2 XXZ Heisenberg chains	Liu, YC; Sun, LQ; Dai, JH; Qin, SJ	MODERN PHYSICS LETTERS B	2000	14	29	1015-1023	<a href="http://dx.doi.org/10.1142/S0217984900001282">http://dx.doi.org/10.1142/S0217984900001282</a>
105	Linear and nonlinear dielectric constant tensor for monolayer films in terms of orientational order parameters	Wu, CX; Zhao, W; Iwamoto, M; Zhong-can, OY	JOURNAL OF CHEMICAL PHYSICS	2000	112	23	10548-10555 / PII [S0021-9606(00)7	<a href="http://dx.doi.org/10.1063/1.481688">http://dx.doi.org/10.1063/1.481688</a>
106	Logarithmic corrections to the ground-state energy of finite spin-1/2 antiferromagnetic chains due to ferromagnetic end bonds	Lou, JZ; Dai, JH; Qin, SJ; Su, ZB; Yu, L	PHYSICAL REVIEW B	2000	62	13	8600-8603	<a href="http://dx.doi.org/10.1103/PhysRevB.62.8600">http://dx.doi.org/10.1103/PhysRevB.62.8600</a>
107	Magnetic-field effects on two-leg Heisenberg antiferromagnetic ladders: Thermodynamic properties	Wang, XQ; Yu, L	PHYSICAL REVIEW LETTERS	2000	84	23	5399-5402	<a href="http://dx.doi.org/10.1103/PhysRevLett.84.5399">http://dx.doi.org/10.1103/PhysRevLett.84.5399</a>
108	Magnetization of the S=2 antiferromagnetic Heisenberg chain near the critical magnetic field	Lou, JZ; Qin, SJ; Su, ZB	PHYSICAL REVIEW B	2000	62	21	13832-13835	<a href="http://dx.doi.org/10.1103/PhysRevB.62.13832">http://dx.doi.org/10.1103/PhysRevB.62.13832</a>
109	Matrix theory in a constant C field background	Chu, CS; Ho, PM; Li, M	NUCLEAR PHYSICS B	2000	574	1-2	275-287	<a href="http://dx.doi.org/10.1016/S0550-3213(00)00048-1">http://dx.doi.org/10.1016/S0550-3213(00)00048-1</a>
110	Mean-field HP model, designability and alpha-helices in protein structures	Shih, CT; Su, ZY; Gwan, JF; Hao, BL; Hsieh, CH; Lee, HC	PHYSICAL REVIEW LETTERS	2000	84	2	386-389	<a href="http://dx.doi.org/10.1103/PhysRevLett.84.386">http://dx.doi.org/10.1103/PhysRevLett.84.386</a>
111	Metric representation of DNA sequences	Wu, ZB	ELECTROPHORESIS	2000	21	12	2321-	<a href="http://dx.doi.org/10.1002/1522-2683(20000701)21:12&lt;2321::AID-ELPS2321&gt;3.0.CO;2-S">http://dx.doi.org/10.1002/1522-2683(20000701)21:12&lt;2321::AID-ELPS2321&gt;3.0.CO;2-S</a>
112	Modification of Kawai model about the mixing of the pseudoscalar mesons	Li, DM; Yu, H; Shen, QX	MODERN PHYSICS LETTERS A	2000	15	18	1213-1219	<a href="http://dx.doi.org/10.1142/S0217732300001456">http://dx.doi.org/10.1142/S0217732300001456</a>
113	Monte Carlo implementation of supercoiled double-stranded DNA	Zhang, Y; Zhou, HJ; Ou-Yang, ZC	BIOPHYSICAL JOURNAL	2000	78	4	1979-1987	<a href="http://dx.doi.org/10.1016/S0006-3495(00)76745-2">http://dx.doi.org/10.1016/S0006-3495(00)76745-2</a>
114	Monte Carlo simulations of critical dynamics with conserved order parameter	Zheng, B	PHYSICS LETTERS A	2000	277	4-5	257-261	<a href="http://dx.doi.org/10.1016/S0375-9601(00)00658-7">http://dx.doi.org/10.1016/S0375-9601(00)00658-7</a>

115	N Omega and Delta Omega dibaryons in a SU(3) chiral quark model	Li, QB; Shen, PN	EUROPEAN PHYSICAL JOURNAL A	2000	8	3	417-421	<a href="http://dx.doi.org/10.1007/s100530050052">http://dx.doi.org/10.1007/s100530050052</a>
116	Neutrino pair production at proton-proton collider	Han, L; Ma, WG; Jiang, Y; Zhou, ML; Zhou, H	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	1	115-122	
117	Neutron star in relativistic mean-field approximation	Sun, BX; Jia, HY; Meng, J; Zhao, EG	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24		69-72	
118	New opportunities of nuclear structure	Chen, YS	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24		1-5	
119	New physics effects in epsilon 'epsilon	Wu, YL	HIGH ENERGY PHYSICS 99, PROCEEDINGS	2000			570-572	
120	Noncommutative differential calculus approach to discrete symplectic schemes on regular lattice	Guo, HY; Wu, K; Wang, SH; Wang, SK; Wei, GM	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	2	307-316	
121	Noncommutative differential calculus on discrete Abelian groups and its applications	Guo, HY; Wu, K; Zhang, W	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	2	245-250	
122	Nonlinear effects in interference of Bose-Einstein condensates	Liu, WM; Wu, B; Niu, Q	PHYSICAL REVIEW LETTERS	2000	84	11	2294-2297	<a href="http://dx.doi.org/10.1103/PhysRevLett.84.2294">http://dx.doi.org/10.1103/PhysRevLett.84.2294</a>
123	Nonlocal four-quark condensate and vacuum susceptibilities	Zong, HS; Lu, XF; Zhao, EG; Wang, F	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	4	687-690	
124	n-p interaction in odd-odd nuclei and odd-Alpha nuclei	Gao, ZC; Chen, YS	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24	2	146-152	
125	Nucleon tensor charge from the quark model	He, HX	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	2	317-320	
126	On the mixing of the scalar mesons f(0)(1370), f(0)(1500) and f(0)(1710)	Li, DM; Yu, H; Shen, QX	MODERN PHYSICS LETTERS A	2000	15	29	1781-1788	<a href="http://dx.doi.org/10.1142/S0217732300002322">http://dx.doi.org/10.1142/S0217732300002322</a>
127	On the structure of possible dibaryons with strangeness s = -3	Li, QB; Shen, PN	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	3	477-482	
128	On two-parameter deformations of osp(1 vertical bar 2)((1))	Zhao, L; Ding, XM	LETTERS IN MATHEMATICAL	2000	51	3	221-233	<a href="http://dx.doi.org/10.1023/A:1007612500257">http://dx.doi.org/10.1023/A:1007612500257</a>
129	One way to characterize the compact structures of lattice protein model	Wang, B; Yu, ZG	JOURNAL OF CHEMICAL PHYSICS	2000	112	13	6084-6088	<a href="http://dx.doi.org/10.1063/1.481180">http://dx.doi.org/10.1063/1.481180</a>
130	Output field of the excitons in a microcavity under the finite temperature	Liu, YX; Wei, JK; Kang, XY	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	1	161-166	
131	Output rate of atom lasers in a Raman-type output-coupling scheme	Wu, Y; Yang, XX	PHYSICAL REVIEW A	2000	62	1	13603	<a href="http://dx.doi.org/10.1103/PhysRevA.62.13603">http://dx.doi.org/10.1103/PhysRevA.62.13603</a>
132	Paired Hall states versus unidirectional CDW in a tilted field for nu=5/2	Yu, Y; Yang, SJ; Su, ZB	PHYSICAL REVIEW B	2000	62	23	15371-15374	<a href="http://dx.doi.org/10.1103/PhysRevB.62.15371">http://dx.doi.org/10.1103/PhysRevB.62.15371</a>
133	Perturbative expansion for the master equation and its applications	Yi, XX; Li, C; Su, JC	PHYSICAL REVIEW A	2000	62	1	13819	<a href="http://dx.doi.org/10.1103/PhysRevA.62.013819">http://dx.doi.org/10.1103/PhysRevA.62.013819</a>
134	Phase diagram of a one-dimensional spin-orbital model	Itoi, C; Qin, SJ; Affleck, I	PHYSICAL REVIEW B	2000	61	10	6747-6756	<a href="http://dx.doi.org/10.1103/PhysRevB.61.6747">http://dx.doi.org/10.1103/PhysRevB.61.6747</a>
135	Phase separation of Bose gases at finite temperature	Shi, HL; Zheng, WM; Chui, ST	PHYSICAL REVIEW A	2000	61	6	63613	<a href="http://dx.doi.org/10.1103/PhysRevA.61.063613">http://dx.doi.org/10.1103/PhysRevA.61.063613</a>
136	Pion properties as a goldstone boson in the dual Ginzburg-Landau theory	Yan, ZT; Gao, CS	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	2	291-296	
137	Positive maps that are not completely positive	Yu, SX	PHYSICAL REVIEW A	2000	62	2	24302	<a href="http://dx.doi.org/10.1103/PhysRevA.62.024302">http://dx.doi.org/10.1103/PhysRevA.62.024302</a>
138	Possible composite-fermion liquid as a crossover from Wigner crystal to bubble phase in higher Landau levels	Yang, SJ; Yu, Y; Su, ZB	PHYSICAL REVIEW B	2000	62	20	13557-13560	<a href="http://dx.doi.org/10.1103/PhysRevB.62.13557">http://dx.doi.org/10.1103/PhysRevB.62.13557</a>
139	Possible Delta Delta dibaryons in the quark cluster model	Li, QB; Shen, PN	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2000	26	8	1207-1215	<a href="http://dx.doi.org/10.1088/0954-3889/26/8/308">http://dx.doi.org/10.1088/0954-3889/26/8/308</a>
140	Possible dibaryons with strangeness s=-5	Li, QB; Shen, PN	PHYSICAL REVIEW C	2000	62	2	28202	<a href="http://dx.doi.org/10.1103/PhysRevC.62.028202">http://dx.doi.org/10.1103/PhysRevC.62.028202</a>
141	Prediction of triaxial superdeformation in the A similar to 160, 80 region	Shen, CW; Chen, YS; Zhao, EG	CHINESE PHYSICS LETTERS	2000	17	7	488-490	
142	Probing flavor changing interactions in hadron collisions	Chang, CH; Han, L; Jiang, J; Ma, WG; Zhou, H; Zhou, ML	PHYSICAL REVIEW D	2000	62	3	34012	<a href="http://dx.doi.org/10.1103/PhysRevD.62.034012">http://dx.doi.org/10.1103/PhysRevD.62.034012</a>
143	Probing superconducting phase fluctuations from the current noise spectrum of pseudogapped metal-superconductor tunnel	Dai, X; Xiang, T; Ng, TK; Su, ZB	PHYSICAL REVIEW LETTERS	2000	85	14	3009-3012	<a href="http://dx.doi.org/10.1103/PhysRevLett.85.3009">http://dx.doi.org/10.1103/PhysRevLett.85.3009</a>
144	Proposed new test of equivalence principle from rotating bodies	Zhang, YZ; Luo, J; Nie, YX	CHINESE PHYSICS LETTERS	2000	17	5	324-325	
145	Pseudogap phase in the U(1) gauge theory with incoherent spinon pairs	Dai, X; Yu, Y; Xiang, T; Su, ZB	PHYSICAL REVIEW B	2000	61	13	8683-8686	<a href="http://dx.doi.org/10.1103/PhysRevB.61.8683">http://dx.doi.org/10.1103/PhysRevB.61.8683</a>
146	QCD and SUSY QCD corrections to the three-body decay of the charged Higgs boson	Bi, XJ; Dai, YB; Qi, XY	PHYSICAL REVIEW D	2000	61	1	15002	<a href="http://dx.doi.org/10.1103/PhysRevD.61.015002">http://dx.doi.org/10.1103/PhysRevD.61.015002</a>
147	QCD sum rule analysis of excited Lambda(c) mass parameter	Lee, JP; Liu, C; Song, HS	PHYSICS LETTERS B	2000	476	3-4	303-308	<a href="http://dx.doi.org/10.1016/S0370-2693(00)00144-1">http://dx.doi.org/10.1016/S0370-2693(00)00144-1</a>
148	QCD sum rule analysis of the subleading Isgur-Wise form factors tau(1)(nu center dot nu ') and tau(2)(nu center dot nu ') for B -> D(1)(nu)over-bar and B -> D(2)(*) (nu)over-bar	Huang, MQ; Li, CZ; Dai, YB	PHYSICAL REVIEW D	2000	61	5	54010	<a href="http://dx.doi.org/10.1103/PhysRevD.61.054010">http://dx.doi.org/10.1103/PhysRevD.61.054010</a>
149	Quantum statistical theory of fluorescence of low density Frenkel excitons in a crystal slab	Cao, CQ; Cao, H; Liu, YX	PHYSICAL REVIEW B	2000	62	24	16453-16473	<a href="http://dx.doi.org/10.1103/PhysRevB.62.16453">http://dx.doi.org/10.1103/PhysRevB.62.16453</a>
150	Reanalysis of the four-quark operators relevant to the Lambda(b) lifetime from the QCD sum rule	Huang, CS; Liu, C; Zhu, SL	PHYSICAL REVIEW D	2000	61	5	54004	<a href="http://dx.doi.org/10.1103/PhysRevD.61.054004">http://dx.doi.org/10.1103/PhysRevD.61.054004</a>
151	Reflection asymmetric shell model and its description of the octupole deformed bands in Ra isotopes	Gao, ZC; Chen, YS	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24		54-58	
152	Relativistic continuum Hartree-Bogoliubov theory aims at unstable nuclei	Meng, J; Long, WH	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24		59-64	
153	Relativistic corrections for polarized J/psi production in b decay	Ma, JP	PHYSICAL REVIEW D	2000	62	5	54012	<a href="http://dx.doi.org/10.1103/PhysRevD.62.054012">http://dx.doi.org/10.1103/PhysRevD.62.054012</a>

154	Renormalization-group effects on scenario with nearly degenerate neutrino masses and bi-maximal mixing	Wu, YL	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2000	26	8	1131-1138	<a href="http://dx.doi.org/10.1088/0954-3899/26/8/303">http://dx.doi.org/10.1088/0954-3899/26/8/303</a>
155	Rescaled range and transition matrix analysis of DNA sequences	Yu, ZG; Chen, GY	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	4	673-678	
156	Resonant photon-assisted tunneling through a coupled double-quantum-dot system	Du, SF; Sun, QF; Lin, TH	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	2	185-190	
157	Scales, couplings revisited and low-energy phenomenology in M-theory on S-1/Z(2)	Huang, CS; Li, TJ; Liao, W; Yan, QS; Zhu, SH	EUROPEAN PHYSICAL JOURNAL C	2000	18	2	393-403	<a href="http://dx.doi.org/10.1007/s100520000507">http://dx.doi.org/10.1007/s100520000507</a>
158	Search for J(PC) = even(++) glueballs in radiative decay of J/Psi	Gao, CS	SCIENCE IN CHINA SERIES A-	2000	43	8	878-884	<a href="http://dx.doi.org/10.1007/BF02884187">http://dx.doi.org/10.1007/BF02884187</a>
159	Search for the isoscalar 1(-+) exotic state at BEPC/BES	Shen, QX; Yu, H; Li, DM	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24	10	908-914	
160	Searching for a top-squark-top-squark pair sample from top counting experiments at hadron	Yang, JM; Young, BL	PHYSICAL REVIEW D	2000	62	11	115002	<a href="http://dx.doi.org/10.1103/PhysRevD.62.115002">http://dx.doi.org/10.1103/PhysRevD.62.115002</a>
161	Searching for rephase-invariant CP- and CPT-violating observables in meson decays	Chou, KC; Palmer, WF; Paschos, EA; Wu, YL	EUROPEAN PHYSICAL JOURNAL C	2000	16	2	279-287	<a href="http://dx.doi.org/10.1007/s100520050020">http://dx.doi.org/10.1007/s100520050020</a>
162	Second-order susceptibility tensor of a monolayer at the liquid-air interface: SHG spectroscopy by compression	Iwamoto, M; Wu, CX; Zhong-Can, OY	CHEMICAL PHYSICS LETTERS	2000	325	5-6	545-551	<a href="http://dx.doi.org/10.1016/S0009-2614(00)00658-8">http://dx.doi.org/10.1016/S0009-2614(00)00658-8</a>
163	Self-consistent approximate solutions of the semiclassical Einstein equations for a Schwarzschild black hole with its Hawking	Huang, CG	PHYSICAL REVIEW D	2000	62	2	24029	<a href="http://dx.doi.org/10.1103/PhysRevD.62.24029">http://dx.doi.org/10.1103/PhysRevD.62.24029</a>
164	Semiclassical theory of excitonic polaritons in a planar semiconductor microcavity	Xu, G; Li, DZ; Wang, BS; Su, ZB	INTERNATIONAL JOURNAL OF MODERN	2000	14	8	783-807	<a href="http://dx.doi.org/10.1142/S0217979200000662">http://dx.doi.org/10.1142/S0217979200000662</a>
165	Separating different models from measuring alpha, beta, gamma	Zhou, YF; Wu, YL	MODERN PHYSICS LETTERS A	2000	15	3	185-196	<a href="http://dx.doi.org/10.1142/S0217732300000189">http://dx.doi.org/10.1142/S0217732300000189</a>
166	Shape equations for single- and multi-lipid-bilayer vesicles	Zhong-Can, OY	STATISTICAL PHYSICS	2000	519		477-481	
167	Shell model analysis of Xi(-) hypernuclei spectra for mass A=12 and A=16	Tan, YH; Luo, YA; Ning, PZ; Cai, CH	CHINESE PHYSICS LETTERS	2000	17	6	401-402	
168	Size and configuration effect on ion transport of biological membrane	Zhang, LY	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	2	359-364	
169	SO(3) Gauge model for neutrino masses and oscillations	Wu, YL	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS	2000	85		193-198	<a href="http://dx.doi.org/10.1016/S0920-5632(00)00506-5">http://dx.doi.org/10.1016/S0920-5632(00)00506-5</a>
170	Some recent development in nuclear structure studies	Long, GL; Sun, HZ; Zhao, EG; Zhu, SJ; Ruan, D; Liu, FY; Ji, HY; Li, YS; Yan, HY; Tu, CC; Zhang, WL; Pak, JY; Zhang, JF	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24		38-44	
171	Some topics on double heavy mesons: Heavy quarkonia and B-c meson (advances and outlooks)	Chang, CH	RECENT ADVANCES AND CROSS-CENTURY OUTLOOKS IN PHYSICS: INTERPLAY BETWEEN THEORY AND EXPERIMENT	2000			113-123	
172	Spatial rotation and time-evolution operator of two-level systems	Li, CF; Zhao, XG	INTERNATIONAL JOURNAL OF MODERN	2000	14	1	101-112	<a href="http://dx.doi.org/10.1142/S0217979200000108">http://dx.doi.org/10.1142/S0217979200000108</a>
173	Spatio-temporal evolution of initial coherent state under the action of quantum integrable and nonintegrable systems	Xing, YZ; Xu, GO; Yang, YT	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	3	531-540	
174	Spherically symmetric static solution for a Schwarzschild black hole with its Hawking	Huang, CG	CHINESE PHYSICS LETTERS	2000	17	5	329-331	
175	Spin-polarized electron tunneling through a quantum dot	Lu, Y; Sun, QF; Lin, TH	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	4	583-592	
176	Spontaneous breaking of flavor symmetry and naturalness of nearly degenerate neutrino masses and bi-maximal mixing	Wu, YL	SCIENCE IN CHINA SERIES A-MATHEMATICS PHYSICS	2000	43	9	988-995	<a href="http://dx.doi.org/10.1007/BF02879805">http://dx.doi.org/10.1007/BF02879805</a>
177	Straight-line path approximation for high energy elastic and inelastic scattering in quantum	Han, NS	EUROPEAN PHYSICAL JOURNAL C	2000	16	3	547-553	<a href="http://dx.doi.org/10.1007/s100520000328">http://dx.doi.org/10.1007/s100520000328</a>
178	Strain energy and Young's modulus of single-wall carbon nanotubes calculated from electronic energy-band theory	Zhou, X; Zhou, JJ; Ou-Yang, ZC	PHYSICAL REVIEW B	2000	62	20	13692-13696	<a href="http://dx.doi.org/10.1103/PhysRevB.62.13692">http://dx.doi.org/10.1103/PhysRevB.62.13692</a>
179	Strangeness production in pA and AA collisions at 158 A GeV	Wang, XR; Sa, BH; Zhou, DC; Liu, H; Cai, X	SCIENCE IN CHINA SERIES A-	2000	43	6	623-628	<a href="http://dx.doi.org/10.1007/BF02908774">http://dx.doi.org/10.1007/BF02908774</a>
180	Structure of H-dihyperon	Shen, PN; Zhang, ZY; Yu, YW; Yuan, XQ; Yang,	CHINESE PHYSICS LETTERS	2000	17	1	7-9	<a href="http://dx.doi.org/10.1088/0256-307X/17/1/003">http://dx.doi.org/10.1088/0256-307X/17/1/003</a>
181	Study of a new dibaryon (Omega Omega) (x)(J)=0(+)	Zhang, ZY; Yu, YW; Qing, CR; He, ZX; Lu, ZD	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24		91-94	
182	Study of reaction mechanism of intermediate energy protons bombarding heavy nuclei	Fan, S; Li, ZX	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2000	24	8	755-760	
183	Study on hadronic decay of the lowest lying glueballs with J(PC) = even(++) to two pseudoscalar mesons	Li, DM; Yu, H; Shen, QX	MODERN PHYSICS LETTERS A	2000	15	10	723-729	<a href="http://dx.doi.org/10.1142/S0217732300000700">http://dx.doi.org/10.1142/S0217732300000700</a>
184	Suggesting a di-omega dibaryon search in heavy ion collision experiments	Zhang, ZY; Yu, YW; Ching, CR; Ho, TH; Lu,	PHYSICAL REVIEW C	2000	61	6	65204	<a href="http://dx.doi.org/10.1103/PhysRevC.61.065204">http://dx.doi.org/10.1103/PhysRevC.61.065204</a>
185	Supersymmetric CP violation in B -> X(s)(+)(- ) in the minimal supergravity model	Huang, CS; Wei, L	PHYSICAL REVIEW D	2000	61	11	116002	<a href="http://dx.doi.org/10.1103/PhysRevD.61.116002">http://dx.doi.org/10.1103/PhysRevD.61.116002</a>
186	Supersymmetric electroweak corrections to charged Higgs boson production in association with a top quark at hadron colliders	Jin, LG; Li, CS; Oakes, RJ; Zhu, SH	PHYSICAL REVIEW D	2000	62	5	53008	<a href="http://dx.doi.org/10.1103/PhysRevD.62.053008">http://dx.doi.org/10.1103/PhysRevD.62.053008</a>
187	Supersymmetric electroweak corrections to W- +/ - H- / + associated production at the CERN large hadron collider	Yang, YS; Li, CS; Jin, LG; Zhu, SH	PHYSICAL REVIEW D	2000	62	9	95012	<a href="http://dx.doi.org/10.1103/PhysRevD.62.095012">http://dx.doi.org/10.1103/PhysRevD.62.095012</a>

188	SUSY electroweaklike corrections to top pair production in photon-photon collisions	Zhou, ML; Ma, WG; Han, L; Jiang, Y; Zhou, H	PHYSICAL REVIEW D	2000	61	3	33008	<a href="http://dx.doi.org/10.1103/PhysRevD.61.033008">http://dx.doi.org/10.1103/PhysRevD.61.033008</a>
189	Symmetry realization, Poisson kernel and the AdS/CFT correspondence	Chang, Z; Guo, HY	MODERN PHYSICS LETTERS A	2000	15	6	407-415	<a href="http://dx.doi.org/10.1142/S0217732300000396">http://dx.doi.org/10.1142/S0217732300000396</a>
190	Systematic method to study the general structure of Bose-Einstein condensates with	Wu, Y; Yang, XX; Sun, CP	PHYSICAL REVIEW A	2000	62	6	63603	<a href="http://dx.doi.org/10.1103/PhysRevA.62.063603">http://dx.doi.org/10.1103/PhysRevA.62.063603</a>
191	Tensor vacuum susceptibility	Zong, HS; He, HX; Lu, XF; Zhao, EG	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	4	733-736	
192	The branch process of cosmic strings	Jiang, Y; Duan, YS	JOURNAL OF MATHEMATICAL	2000	41	5	2616-2628	<a href="http://dx.doi.org/10.1063/1.533262">http://dx.doi.org/10.1063/1.533262</a>
193	The entropy of spinor fields in static Gibbons-Maeda dilaton black hole background	Shen, YG	PHYSICS LETTERS A	2000	266	4-6	234-240	<a href="http://dx.doi.org/10.1016/S0375-9601(00)00078-5">http://dx.doi.org/10.1016/S0375-9601(00)00078-5</a>
194	The exact solution of the SU(3) Hubbard model	Hou, BY; Peng, DT; Yue, RH	NUCLEAR PHYSICS B	2000	575	3	561-578	<a href="http://dx.doi.org/10.1016/S0550-3213(00)00094-8">http://dx.doi.org/10.1016/S0550-3213(00)00094-8</a>
195	The Fermionic entropy in Garfinkle-Horne dilaton black hole background	Shen, YG	GENERAL RELATIVITY AND GRAVITATION	2000	32	8	1647-1660	<a href="http://dx.doi.org/10.1023/A:1001906807146">http://dx.doi.org/10.1023/A:1001906807146</a>
196	The fermionic entropy of spherically symmetric black holes	Shen, YG	MODERN PHYSICS LETTERS A	2000	15	31	1901-1914	<a href="http://dx.doi.org/10.1142/S02177323000002401">http://dx.doi.org/10.1142/S02177323000002401</a>
197	The inflationary solutions with $\alpha(2,2)$ duality symmetry in string cosmologies	Shen, YG; Chen, DM	GENERAL RELATIVITY AND GRAVITATION	2000	32	2	353-359	<a href="http://dx.doi.org/10.1023/A:1001979312654">http://dx.doi.org/10.1023/A:1001979312654</a>
198	The quantum entropy in Horowitz-Strominger black hole background	Shen, YG; Chen, DM	GENERAL RELATIVITY AND GRAVITATION	2000	32	12	2269-2285	<a href="http://dx.doi.org/10.1023/A:1001947508733">http://dx.doi.org/10.1023/A:1001947508733</a>
199	The quark-antiquark asymmetry of the nucleon sea from $\Lambda$ and $\bar{\Lambda}$	Ma, BQ; Schmidt, I; Soffer, J; Yang, JJ	PHYSICS LETTERS B	2000	488	3-4	254-260	<a href="http://dx.doi.org/10.1016/S0370-2693(00)00906-0">http://dx.doi.org/10.1016/S0370-2693(00)00906-0</a>
200	The quark-antiquark asymmetry of the nucleon sea from $\Lambda$ and $\bar{\Lambda}$	Ma, BQ; Schmidt, I; Soffer, J; Yang, JJ	PHYSICS LETTERS B	2000	489	3-4	293-299	<a href="http://dx.doi.org/10.1016/S0370-2693(00)00940-0">http://dx.doi.org/10.1016/S0370-2693(00)00940-0</a>
201	The topological quantization and bifurcation of strings in early universe	Duan, YS; Jiang, Y; Yang, GH	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	1	105-112	
202	The two-channel Kondo model as a generalized one-dimensional inverse square long-range Haldane-Shastry spin model	Zhang, GM; Yu, L	JOURNAL OF PHYSICS-CONDENSED MATTER	2000	12	12	L217-L223	<a href="http://dx.doi.org/10.1088/0953-8984/12/12/102">http://dx.doi.org/10.1088/0953-8984/12/12/102</a>
203	Theory of coexistence of charge-ordering and antiferromagnetic phases in $R(0.5)A(0.5)MnO(3)$	Shao, JF; Tian, GS; Lin, TH	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	33	3	329-334	
204	Theory of four-wave mixing with matter waves without the undepleted pump approximation	Wu, Y; Yang, XX; Sun, CP; Zhou, XJ; Wang, YQ	PHYSICAL REVIEW A	2000	61	4	43604	<a href="http://dx.doi.org/10.1103/PhysRevA.61.043604">http://dx.doi.org/10.1103/PhysRevA.61.043604</a>
205	Thermodynamics of the bilinear-biquadratic spin-one Heisenberg chain	Lou, JH; Xiang, T; Su, ZB	PHYSICAL REVIEW LETTERS	2000	85	11	2380-2383	<a href="http://dx.doi.org/10.1103/PhysRevLett.85.2380">http://dx.doi.org/10.1103/PhysRevLett.85.2380</a>
206	Top quark decay into a light gluino and top	Shan, LY; Zhu, SH	PHYSICAL REVIEW D	2000	62	1	14028	<a href="http://dx.doi.org/10.1103/PhysRevD.62.014028">http://dx.doi.org/10.1103/PhysRevD.62.014028</a>
207	Top-color-assisted supersymmetry	Liu, C	PHYSICAL REVIEW D	2000	61	11	115001	<a href="http://dx.doi.org/10.1103/PhysRevD.61.115001">http://dx.doi.org/10.1103/PhysRevD.61.115001</a>
208	Transport induced by dichotomic temperature fluctuations	Bao, JD; Zhuo, YZ	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	3	441-446	
209	Triality and quantization of singularities in massive fermion	Liu, YF	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	4	705-714	
210	$U(1) \times SU(2)$ gauge field theory of transport and magnetic relaxation in underdoped high $T_c$	Marchetti, PA; Dai, JH; Su, ZB; Yu, L	PHYSICA C	2000	341		225-228	<a href="http://dx.doi.org/10.1016/S0921-4534(00)00455-X">http://dx.doi.org/10.1016/S0921-4534(00)00455-X</a>
211	Vacuum condensates from the modification of global color symmetry model	Zong, HS; Lu, XF; Gu, JZ; Chang, CH; Zhao, EG	COMMUNICATIONS IN THEORETICAL PHYSICS	2000	34	2	369-372	
212	Weak matrix elements and vertical bar $V$ -cb vertical bar in HQEFT	Wang, WY; Wu, YL; Yan, YA	INTERNATIONAL JOURNAL OF MODERN	2000	15	12	1817-1857	<a href="http://dx.doi.org/10.1142/S0217751X00000793">http://dx.doi.org/10.1142/S0217751X00000793</a>
213	Weak phase gamma and strong phase delta from CP averaged $B \rightarrow \pi$ and $\pi$ K decays	Wu, YL; Zhou, YF	PHYSICAL REVIEW D	2000	62	3	36007	<a href="http://dx.doi.org/10.1103/PhysRevD.62.036007">http://dx.doi.org/10.1103/PhysRevD.62.036007</a>
214	Wormhole solutions in superstring theory	Shen, YG; Chen, DM	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2000	39	2	277-283	<a href="http://dx.doi.org/10.1023/A:1003628107841">http://dx.doi.org/10.1023/A:1003628107841</a>
215	$\Xi$ Omega and $\Xi^* \Omega$ dibaryons in SU(3) chiral quark model	Li, QB; Shen, PN	CHINESE PHYSICS LETTERS	2000	17	3	182-184	<a href="http://dx.doi.org/10.1088/0256-307X/17/3/010">http://dx.doi.org/10.1088/0256-307X/17/3/010</a>
216	Yukawa corrections to the charged Higgs boson production in association with the top quark at hadron colliders	Jiu, LG; Li, CS; Oakes, RJ; Zhu, SH	EUROPEAN PHYSICAL JOURNAL C	2000	14	1	91-101	<a href="http://dx.doi.org/10.1007/s100520000310">http://dx.doi.org/10.1007/s100520000310</a>