

SCI Papers of ITP in 2004

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	[SU(3) x SU(2) x U(1)](2) and strong unification	Liu, C	PHYSICS LETTERS B	2004	591	1-2	137-140	<a href="http://dx.doi.org/10.1016/j.physletb.2004.04.031">http://dx.doi.org/10.1016/j.physletb.2004.04.031</a>
2	A comparison between two different optical potentials for the He-3+C-12 scattering at the energy 72MeV	Lu, X; Li, QR; Zhao, WQ	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	1	53-55	
3	A genetic variation map for chicken with 2.8 million single-nucleotide polymorphisms	Wong, GKS; Liu, B; Wang, J; Zhang, Y; Yang, X; Zhang, ZJ; Meng, QS; Zhou, J; Li, DW; Zhang, JJ; Ni, PX; Li, SG; Ran, LH; Li, H; Zhang, JG; Li, RQ; Li, ST; Zheng, HK; Lin, W; Li, GY; Wang, XL; Zhao, WM; Li, J; Ye, C; Dai, MT; Ruan, J; Zhou, Y; Li, YZ; He, XM; Zhang, YZ; Wang, J; Huang, XG; Tong, W; Chen, J; Ye, J; Chen, C; Wei, N; Li, GQ; Dong, L; Lan, FD; Sun, YQ; Zhang, ZP; Yang, Z; Yu, YP; Huang, YQ; He, DD; Xi, Y; Wei, D; Qi, QH; Li, WJ; Shi, JP; Wang, MH; Xie, F; Wang, JJ; Zhang, XW; Wang, P; Zhao, YQ; Li, N; Yang, N; Dong, W; Hu, SN; Zeng, CQ; Zheng, WM; Hao, BL; Hillier, LW; Yang, SP; Warren, WC; Wilson, RK; Brandstrom, M; Ellegren, H; Crooijmans, RPMA; van der Poel, JJ; Bovenhuis, H; Groenen, MAM; Ovcharenko, I; Gordon, L; Stubbs, L; Lucas, S; Glavina, T; Aerts, A; Kaiser, P; Rothwell, L; Young, JR; Rogers, S; Walker, BA; van Halteren, A; Kaufman, J; Bumstead, N; Lamont, SJ; Zhou, HJ; Hocking, PM; Morrice, D; de Koning, DJ; Law, A; Bartley, N; Burt, DW; Hunt, H; Cheng, HH; Gunnarsson, U; Wahlberg, P; Andersson, L; Kindlund, E; Tammi, MT; Andersson, B; Webber, C; Ponting, CP; Overton, IM; Boardman, PE; Tang, HZ; Hubbard, SJ; Wilson, SA; Yu, J; Wang, J; Yang, HM	NATURE	2004	432	7018	717-722	<a href="http://dx.doi.org/10.1038/nature03156">http://dx.doi.org/10.1038/nature03156</a>
4	A geometric theory on the elasticity of bio-membranes	Tu, ZC; Ou-Yang, ZC	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	2004	37	47	11407-11429 / PII S0305-4470(04)84308-7	<a href="http://dx.doi.org/10.1088/0305-4470/37/47/010">http://dx.doi.org/10.1088/0305-4470/37/47/010</a>
5	A model of holographic dark energy	Li, M	PHYSICS LETTERS B	2004	603	1-2	1-5	<a href="http://dx.doi.org/10.1016/j.physletb.2004.10.014">http://dx.doi.org/10.1016/j.physletb.2004.10.014</a>
6	A molecular motor constructed from a double-walled carbon nanotube driven by temperature variation	Tu, ZC; Ou-Yang, ZC	JOURNAL OF PHYSICS-CONDENSED MATTER	2004	16	8	1287-1292 / PII S0953-8984(04)66234-5	<a href="http://dx.doi.org/10.1088/0953-8984/16/8/012">http://dx.doi.org/10.1088/0953-8984/16/8/012</a>
7	A more precise extraction of  V-cb  in HQEFT of QCD	Wang, WY; Wu, YL; Yan, YA; Zhong, M; Zuo, YB	MODERN PHYSICS LETTERS A	2004	19	18	1379-1390	<a href="http://dx.doi.org/10.1142/S0217732304013775">http://dx.doi.org/10.1142/S0217732304013775</a>
8	A note on curvature fluctuation of noncommutative inflation	Cai, RG	PHYSICS LETTERS B	2004	593		1-9	<a href="http://dx.doi.org/10.1016/j.physletb.2004.04.078">http://dx.doi.org/10.1016/j.physletb.2004.04.078</a>
9	A note on thermodynamics of black holes in Lovelock gravity	Cai, RG	PHYSICS LETTERS B	2004	582	3-4	237-242	<a href="http://dx.doi.org/10.1016/j.physletb.2004.01.015">http://dx.doi.org/10.1016/j.physletb.2004.01.015</a>
10	A study of the Roper resonance as a hybrid state from J/psi decays	Ping, RG; Chiang, HC; Zou, BS	NUCLEAR PHYSICS A	2004	743	1-3	149-169	<a href="http://dx.doi.org/10.1016/j.nuclphysa.2004.07.004">http://dx.doi.org/10.1016/j.nuclphysa.2004.07.004</a>
11	A two-level atom coupled to a controllable squeezed vacuum field reservoir	An, JH; Wang, SJ; Luo, HG; Jia, CL	JOURNAL OF OPTICS B-QUANTUM AND SEMICLASSICAL OPTICS	2004	6	12	510-516	<a href="http://dx.doi.org/10.1088/1464-4266/6/12/005">http://dx.doi.org/10.1088/1464-4266/6/12/005</a>
12	A unification of general theory of relativity with Dirac's large number hypothesis	Peng, HW	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	42	5	703-706	
13	Adiabatic passage of collective excitations in atomic ensembles	Li, Y; Miao, YX; Sun, CP	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	42	1	27-32	
14	Aharonov-Bohm oscillation and chirality effect in optical activity of single-wall carbon nanotubes	Ye, F; Wang, BS; Su, ZB	PHYSICAL REVIEW B	2004	70	15	153406	<a href="http://dx.doi.org/10.1103/PhysRevB.70.153406">http://dx.doi.org/10.1103/PhysRevB.70.153406</a>
15	Amino acid composition-dependent elasticity of spider silk	Zhang, Y; Dai, L; Ou-Yang, ZC	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2004	18	17-19	2516-2522	<a href="http://dx.doi.org/10.1142/S0217979204025592">http://dx.doi.org/10.1142/S0217979204025592</a>
16	Analytic continuation in the coupling constant method for the Dirac equation	Zhang, SS; Guo, JY; Zhang, SQ; Meng, J	CHINESE PHYSICS LETTERS	2004	21	4	632-635	
17	Analytic continuation of single-particle resonance energy and wave function in relativistic mean field theory	Zhang, SS; Meng, J; Zhou, SG; Hillhouse, GC	PHYSICAL REVIEW C	2004	70	3	34308	<a href="http://dx.doi.org/10.1103/PhysRevC.70.034308">http://dx.doi.org/10.1103/PhysRevC.70.034308</a>
18	ASTROD I, test of relativity, solar-system measurement and G-wave detection	Ni, WT; Ba, G; Ba, Y; Dittus, H; Huang, T; Lammerzahl, C; Li, GY; Luo, J; Ma, ZG; Mangin, JF; Nie, YX; Peters, A; Rudiger, A; Samain, E; Schiller, S; Shaul, D; Shiomi, S; Sumner, T; Tang, CJ; Tao, J; Touboul, P; Wang, H; Wicht, A; Wu, J; Wu, XJ; Xiong, YH; Xu, CM; Yan, J; Yao, DZ; Yeh, HC; Zhang, SL; Zhang, YZ; Zhou, ZB	JOURNAL OF THE KOREAN PHYSICAL SOCIETY	2004	45		S118-S123	
19	Attractor behavior of phantom cosmology	Guo, ZK; Piao, YS; Zhang, YZ	PHYSICS LETTERS B	2004	594	3-4	247-251	<a href="http://dx.doi.org/10.1016/j.physletb.2004.05.048">http://dx.doi.org/10.1016/j.physletb.2004.05.048</a>
20	BCVEGPy: an event generator for hadronic production of the B-c meson	Chang, CH; Driouchi, C; Eerola, P; Wu, XG	COMPUTER PHYSICS COMMUNICATIONS	2004	159	3	192-224	<a href="http://dx.doi.org/10.1016/j.cpc.2004.02.005">http://dx.doi.org/10.1016/j.cpc.2004.02.005</a>

21	Black hole quantization, thermodynamics and cosmological constant	Xiang, L	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2004	13	5	885-898	<a href="http://dx.doi.org/10.1142/S0218271804004815">http://dx.doi.org/10.1142/S0218271804004815</a>
22	Blocking effect and moments of inertia of K=1/2 rotational band in Yb-171	Yu, SY; Liu, YX; Liu, SX; He, XT	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	42	1	95-98	
23	Born-Infeld black holes in (A)dS spaces	Cai, RG; Pang, DW; Wang, A	PHYSICAL REVIEW D	2004	70	12	124034	<a href="http://dx.doi.org/10.1103/PhysRevD.70.124034">http://dx.doi.org/10.1103/PhysRevD.70.124034</a>
24	Calculation of energy levels of nucleus I-127 in the particle-triaxial-rotor model	Song, HC; Liu, YX; Zhang, YH	CHINESE PHYSICS LETTERS	2004	21	2	269-272	
25	Calculation of the giant monopole resonance using relativistic mean field theory	Li, YS; Al-Khudair, FH; Long, GL	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	12	1302-1306	
26	Calibrating dipolar interaction in an atomic condensate	Yi, S; You, L	PHYSICAL REVIEW LETTERS	2004	92	19	193201	<a href="http://dx.doi.org/10.1103/PhysRevLett.92.193201">http://dx.doi.org/10.1103/PhysRevLett.92.193201</a>
27	Can a non-symmetric metric mimic NCQFT in e(+e(-)->gamma gamma?	Kersting, N; Ma, YL	EUROPEAN PHYSICAL JOURNAL C	2004	38	3	379-388	<a href="http://dx.doi.org/10.1140/epjc/s2004-02043-8">http://dx.doi.org/10.1140/epjc/s2004-02043-8</a>
28	Characteristic feature of self-consistent mean-field in level crossing region	Guo, L; Sakata, F; Zhao, EG	NUCLEAR PHYSICS A	2004	740	1-2	59-76	<a href="http://dx.doi.org/10.1016/j.nuclphysa.2004.04.117">http://dx.doi.org/10.1016/j.nuclphysa.2004.04.117</a>
29	chi(c,J) decays into B(B)over-bar in quark-pair creation model	Ping, RG; Jiang, HQ	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	2	252-256	
30	Chiral doublet bands in nuclei with asymmetric particle-hole configuration	Zhang, SQ; Peng, J; Meng, J	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	2	161-166	
31	Classification and asymptotic scaling of the light-cone wave-function amplitudes of hadrons	Ji, XD; Ma, JP; Yuan, F	EUROPEAN PHYSICAL JOURNAL C	2004	33	1	75-90	<a href="http://dx.doi.org/10.1140/epjc/s2003-01563-y">http://dx.doi.org/10.1140/epjc/s2003-01563-y</a>
32	Closed-orbit theory for photodetachment of H- in a static electric field	Du, ML	PHYSICAL REVIEW A	2004	70	5	55402	<a href="http://dx.doi.org/10.1103/PhysRevA.70.055402">http://dx.doi.org/10.1103/PhysRevA.70.055402</a>
33	Collins-Soper equation for the energy evolution of transverse-momentum and spin dependent parton distributions	Idilbi, A; Ji, XD; Ma, JP; Yuan, F	PHYSICAL REVIEW D	2004	70	7	74021	<a href="http://dx.doi.org/10.1103/PhysRevD.70.074021">http://dx.doi.org/10.1103/PhysRevD.70.074021</a>
34	Comprehensive four-quark interpretation of D-s(2317), D-s(2457), and D-s(2632)	Chen, YQ; Li, XQ	PHYSICAL REVIEW LETTERS	2004	93	23	232001	<a href="http://dx.doi.org/10.1103/PhysRevLett.93.232001">http://dx.doi.org/10.1103/PhysRevLett.93.232001</a>
35	Connection between the largest Lyapunov exponent, density fluctuation, and multifragmentation in excited nuclear systems	Zhang, YX; Wu, XZ; Li, ZX	PHYSICAL REVIEW C	2004	69	4	44609	<a href="http://dx.doi.org/10.1103/PhysRevC.69.044609">http://dx.doi.org/10.1103/PhysRevC.69.044609</a>
36	Cooperative effects on the kinetics of ATP hydrolysis in collective molecular motors	Shu, YG; Shi, HL	PHYSICAL REVIEW E	2004	69	2	21912	<a href="http://dx.doi.org/10.1103/PhysRevE.69.021912">http://dx.doi.org/10.1103/PhysRevE.69.021912</a>
37	Co-ordination between the Rashba spin-orbital interaction and space charge effect and enhanced spin injection into semiconductors in the diffusion region	Wu, W; Li, JB; Yu, Y; Chui, ST	JOURNAL OF PHYSICS-CONDENSED MATTER	2004	16	1	125-134 / PII S0953-8984(04)70754-7	<a href="http://dx.doi.org/10.1088/0953-8984/16/1/012">http://dx.doi.org/10.1088/0953-8984/16/1/012</a>
38	Cosmological dynamics of D-acceleration	Meng, XH; Wang, P	CLASSICAL AND QUANTUM GRAVITY	2004	21	14	L101-L108	<a href="http://dx.doi.org/10.1088/0264-9381/21/14/L02">http://dx.doi.org/10.1088/0264-9381/21/14/L02</a>
39	Cosmological evolution in 1/R-gravity theory	Meng, XH; Wang, P	CLASSICAL AND QUANTUM GRAVITY	2004	21	4	951-959 / PII S0264-9381(04)69352-X	<a href="http://dx.doi.org/10.1088/0264-9381/21/4/015">http://dx.doi.org/10.1088/0264-9381/21/4/015</a>
40	Cosmological scaling solutions of multiple tachyon fields with inverse square potentials	Guo, ZK; Zhang, YZ	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2004		8	10	<a href="http://dx.doi.org/10.1088/1475-7516/2004/08/010">http://dx.doi.org/10.1088/1475-7516/2004/08/010</a>
41	Covariant Hamiltonian boundary conditions in General Relativity for spatially bounded space-time regions (vol 43, pg 5531, 2002)	Anco, SC; Tung, RS	JOURNAL OF MATHEMATICAL PHYSICS	2004	45	5	2109-2109	<a href="http://dx.doi.org/10.1063/1.1704849">http://dx.doi.org/10.1063/1.1704849</a>
42	CP asymmetries in B ->phi K-S and B ->eta ' K-S in MSSM	Cheng, JF; Huang, CS; Wu, XH	NUCLEAR PHYSICS B	2004	701	1-2	54-86	<a href="http://dx.doi.org/10.1016/j.nuclphysb.2004.08.045">http://dx.doi.org/10.1016/j.nuclphysb.2004.08.045</a>
43	CP asymmetry in B -> phi K-S in a general two-Higgs-doublet model with fourth-generation quarks	Wu, YL; Zhou, YF	EUROPEAN PHYSICAL JOURNAL C	2004	36	1	89-95	<a href="http://dx.doi.org/10.1140/epjc/s2004-01872-7">http://dx.doi.org/10.1140/epjc/s2004-01872-7</a>
44	CP asymmetry in B ->phi K-S in a supersymmetric SO(10) grand unified theory	Dai, YB; Huang, CS; Li, WJ; Wu, XH	PHYSICAL REVIEW D	2004	70	11	116002	<a href="http://dx.doi.org/10.1103/PhysRevD.70.116002">http://dx.doi.org/10.1103/PhysRevD.70.116002</a>
45	CP test in J/psi -> gamma phi phi decay	Ma, JP; Ping, RG; Zou, BS	PHYSICS LETTERS B	2004	580	3-4	163-168	<a href="http://dx.doi.org/10.1016/j.physletb.2003.11.059">http://dx.doi.org/10.1016/j.physletb.2003.11.059</a>
46	CVTree: a phylogenetic tree reconstruction tool based on whole genomes	Qi, J; Luo, H; Hao, BL	NUCLEIC ACIDS RESEARCH	2004	32		W45-W47	<a href="http://dx.doi.org/10.1093/nar/gkh362">http://dx.doi.org/10.1093/nar/gkh362</a>
47	Dbrane near NS5-branes: with electromagnetic field	Bin, C; Miao, L; Bo, S	JOURNAL OF HIGH ENERGY PHYSICS	2004		12	57	
48	Delta -> N gamma* Coulomb quadrupole amplitude in PQCD	Idilbi, A; Ji, XD; Ma, JP	PHYSICAL REVIEW D	2004	69	1	14006	<a href="http://dx.doi.org/10.1103/PhysRevD.69.014006">http://dx.doi.org/10.1103/PhysRevD.69.014006</a>
49	Density and temperature dependence of nucleon-nucleon elastic cross section	Li, QF; Li, ZX; Zhao, EG	PHYSICAL REVIEW C	2004	69	1	17601	<a href="http://dx.doi.org/10.1103/PhysRevC.69.017601">http://dx.doi.org/10.1103/PhysRevC.69.017601</a>
50	Density dependence of the beta decay width in astronuclear matter	Yuan, W; Liu, YX	CHINESE PHYSICS LETTERS	2004	21	6	1027-1030	
51	Density dependencies of interaction strengths and their influences on nuclear matter and neutron stars in relativistic mean field theory	Ban, SF; Li, J; Zhang, SQ; Jia, HY; Sang, JP; Meng, J	PHYSICAL REVIEW C	2004	69	4	45805	<a href="http://dx.doi.org/10.1103/PhysRevC.69.045805">http://dx.doi.org/10.1103/PhysRevC.69.045805</a>
52	Description of the nuclear matter and neutron star in relativistic mean field theory with density-dependent interactions	Li, J; Ban, SF; Jia, HY; Sang, JP; Meng, J	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	2	140-147	
53	Detection of phase transition of 4-heptyloxy-4'-n-cyanobiphenyl Langmuir films by Maxwell displacement current and optical second harmonic generation measurement	Tojima, A; Fujimaki, H; Ootake, H; Hiyoshi, R; Manaka, T; Iwamoto, M; Zhong-Can, OY	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	2004	412		1807-1813	<a href="http://dx.doi.org/10.1080/15421400490439824">http://dx.doi.org/10.1080/15421400490439824</a>

54	Dibaryon mass and width calculation with tensor interaction	Pang, HR; Ping, JL; Chen, LZ; Wang, F	CHINESE PHYSICS LETTERS	2004	21	8	1455-1458	
55	Difference discrete variational principle in discrete mechanics and symplectic algorithm	Luo, XD; Guo, HY; Li, YQ; Wu, K	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	42	3	443-452	
56	Direct URCA process in neutron stars	Shen, G; Meng, J; Hillhouse, GC	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28		99-101	
57	D-s(2317) and D-s(2457) from HQET sum rules	Dai, YB; Huang, CS; Liu, C; Zhu, SL	JOURNAL OF THE KOREAN PHYSICAL SOCIETY	2004	45		S252-S255	
58	D-sJ(+)(2632): An excellent candidate of tetraquarks	Liu, YR; Zhu, SL; Dai, YB; Liu, C	PHYSICAL REVIEW D	2004	70	9	94009	<a href="http://dx.doi.org/10.1103/PhysRevD.70.094009">http://dx.doi.org/10.1103/PhysRevD.70.094009</a>
59	Effect of impurity resonance states on the NMR spectra of high-T-c cuprates	Chang, J; Su, YH; Luo, HG; Lu, HT; Xiang, T	PHYSICAL REVIEW B	2004	70	21	212507	<a href="http://dx.doi.org/10.1103/PhysRevB.70.212507">http://dx.doi.org/10.1103/PhysRevB.70.212507</a>
60	Effect of proximity force on potential barrier in fusion reaction	Chen, BQ; Ma, ZY	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	10	1079-1082	
61	Effect of resonant continuum on pairing correlations in the relativistic approach	Cao, LG; Ma, ZY	EUROPEAN PHYSICAL JOURNAL A	2004	22	2	189-197	<a href="http://dx.doi.org/10.1140/epja/i2004-10029-5">http://dx.doi.org/10.1140/epja/i2004-10029-5</a>
62	Effect on the variation of the moment of inertia in band K=1/2	Liu, YX; Yu, SY	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28		34-35	
63	Electron spin transport through an Aharonov-Bohm ring - a spin switch	Jia, CL; Wang, SJ; Luo, HG; An, JH	JOURNAL OF PHYSICS-CONDENSED MATTER	2004	16	12	2043-2052 / PII S0953-8984(04)71721-X	<a href="http://dx.doi.org/10.1088/0953-8984/16/12/013">http://dx.doi.org/10.1088/0953-8984/16/12/013</a>
64	Electronic specific heat and low-energy quasiparticle excitations in the superconducting state of La2-xSrxCuO4 single crystals	Wen, HH; Liu, ZY; Zhou, F; Xiong, JW; Ti, WX; Xiang, T; Komiya, S; Sun, XF; Ando, Y	PHYSICAL REVIEW B	2004	70	21	214505	<a href="http://dx.doi.org/10.1103/PhysRevB.70.214505">http://dx.doi.org/10.1103/PhysRevB.70.214505</a>
65	End-to-end distance distribution of force stretched chains reconstruction by maximum-entropy method	Dai, LR; Liu, F; Ou-Yang, ZC	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2004	18	17-19	2365-2375	<a href="http://dx.doi.org/10.1142/S0217979204025397">http://dx.doi.org/10.1142/S0217979204025397</a>
66	Energy dependence of string fragmentation function and meson production	Sa, BH; Cai, X; Kobdaj, C; Wang, ZQ; Yan, YP; Zhou, DM	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	2	291-295	
67	Engineering quantum decoherence of charge qubit via a nanomechanical resonator	Wang, YD; Gao, YB; Sun, CP	EUROPEAN PHYSICAL JOURNAL B	2004	40	3	321-326	<a href="http://dx.doi.org/10.1140/epjb/e2004-00280-0">http://dx.doi.org/10.1140/epjb/e2004-00280-0</a>
68	Enhanced stability of superheavy nuclei due to high-spin isomerism	Xu, FR; Zhao, EG; Wyss, R; Walker, PM	PHYSICAL REVIEW LETTERS	2004	92	25	252501	<a href="http://dx.doi.org/10.1103/PhysRevLett.92.252501">http://dx.doi.org/10.1103/PhysRevLett.92.252501</a>
69	Entangling two cavity modes via a two-photon process	Yi, XX; Zhou, L; Song, HS	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	2004	37	20	5477-5484 / PII S0305-4470(04)74086-X	<a href="http://dx.doi.org/10.1088/0305-4470/37/20/015">http://dx.doi.org/10.1088/0305-4470/37/20/015</a>
70	Entropy of three-dimensional BTZ black holes	Gao, CJ; Shen, YG	SCIENCE IN CHINA SERIES G-PHYSICS MECHANICS & ASTRONOMY	2004	47	3	277-283	<a href="http://dx.doi.org/10.1360/03yw0045">http://dx.doi.org/10.1360/03yw0045</a>
71	Estimating mass of sigma-meson and study on application of the linear sigma-model	Ding, YB; Li, X; Li, XQ; Liu, X; Shen, H; Shen, PN; Wang, GL; Zeng, XQ	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2004	30	7	841-851 / PII S0954-3899(04)71168-8	<a href="http://dx.doi.org/10.1088/0954-3899/30/7/001">http://dx.doi.org/10.1088/0954-3899/30/7/001</a>
72	Exact solutions for nonlinear Schrodinger equation in phase space: applications to Bose-Einstein condensate	Lu, J	CHINESE PHYSICS LETTERS	2004	13	6	811-816	
73	Exciton excitations in a one-dimensional band insulator with Hubbard interactions	Gu, B; Lou, JZ; Qin, SJ; Xiang, T	CHINESE PHYSICS LETTERS	2004	21	3	530-533	
74	Explicit and dynamical chiral symmetry breaking in an effective quark-quark interaction model	Zong, HS; Wu, XH; Hou, FY; Zhao, EG	CHINESE PHYSICS LETTERS	2004	21	1	43-46	
75	Exploring high strangeness dibaryons with the extended quark delocalization and color screening model	Pang, HR; Ping, JL; Wang, F; Zhao, EG	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	1	67-72	
76	Explosive nucleosynthesis in astrophysics	Chen, YS; Shu, NC; Wu, KS	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	12	1349-1355	
77	Extra dimensions and vacuum dark energy models	Chen, CY; Shen, YG	CHINESE PHYSICS LETTERS	2004	21	11	2320-2322	
78	Fano resonance for Anderson impurity systems	Luo, HG; Xiang, T; Wang, XQ; Su, ZB; Yu, L	PHYSICAL REVIEW LETTERS	2004	92	25	256602	<a href="http://dx.doi.org/10.1103/PhysRevLett.92.256602">http://dx.doi.org/10.1103/PhysRevLett.92.256602</a>
79	Fast entanglement of two charge-phase qubits through nonadiabatic coupling to a large Josephson junction	Wang, YD; Zhang, P; Zhou, DL; Sun, CP	PHYSICAL REVIEW B	2004	70	22	224515	<a href="http://dx.doi.org/10.1103/PhysRevB.70.224515">http://dx.doi.org/10.1103/PhysRevB.70.224515</a>
80	Flavor-changing neutral current top-squark decay as a probe of squark mixing	Han, T; Hikasa, K; Yang, JM; Zhang, XM	PHYSICAL REVIEW D	2004	70	5	55001	<a href="http://dx.doi.org/10.1103/PhysRevD.70.055001">http://dx.doi.org/10.1103/PhysRevD.70.055001</a>
81	From quantum spectra to classical orbits: the rectangular billiards	Lu, J; Du, ML	ACTA PHYSICA SINICA	2004	53	8	2450-2453	<a href="http://dx.doi.org/10.7498/aps.53.2444">http://dx.doi.org/10.7498/aps.53.2444</a>
82	Further development of the improved quantum molecular dynamics model and its application to fusion reactions near the barrier	Wang, N; Li, ZX; Wu, XZ; Tian, JL; Zhang, YX; Liu, M	PHYSICAL REVIEW C	2004	69	3	34608	<a href="http://dx.doi.org/10.1103/PhysRevC.69.034608">http://dx.doi.org/10.1103/PhysRevC.69.034608</a>
83	Fusion barrier of super-heavy elements in a generalized liquid drop model	Chen, BQ; Ma, ZY	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	42	4	594-598	
84	Gapped spin-liquid states in a one-dimensional Hubbard model with antiferromagnetic exchange interaction	Dai, JH; Feng, XY; Xiang, T; Yu, Y	PHYSICAL REVIEW B	2004	70	6	64518	<a href="http://dx.doi.org/10.1103/PhysRevB.70.064518">http://dx.doi.org/10.1103/PhysRevB.70.064518</a>

85	Gauss-Bonnet black holes in dS spaces	Cai, RG; Guo, Q	PHYSICAL REVIEW D	2004	69	10	104025	<a href="http://dx.doi.org/10.1103/PhysRevD.69.104025">http://dx.doi.org/10.1103/PhysRevD.69.104025</a>
86	Generalized quantum games with Nash Equilibrium	Liu, XF	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	4	553-556	
87	Generalized uncertainty principle and the quantum entropy of a Kerr black hole	Li, C; Xiang, L; Shen, YG	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2004	13	9	1847-1856	<a href="http://dx.doi.org/10.1142/S0218271804005146">http://dx.doi.org/10.1142/S0218271804005146</a>
88	Global analysis of D → PV decays and SU(3) flavor symmetry breaking effects	Zhong, M.; Wu, Y. L.; Wang, W. Y.	EUROPEAN PHYSICAL JOURNAL C	2004	32		S191-S204	<a href="http://dx.doi.org/10.1140/epjcd/s2003-01-017-1">http://dx.doi.org/10.1140/epjcd/s2003-01-017-1</a>
89	Gravitational potential in the Palatini formulation of modified gravity	Meng, XH; Wang, P	GENERAL RELATIVITY AND GRAVITATION	2004	36	8	1947-1954	<a href="http://dx.doi.org/10.1023/B:GERG.0000036052.81522.fe">http://dx.doi.org/10.1023/B:GERG.0000036052.81522.fe</a>
90	Group structure of the membrane shape equation	Xu, T; Ou-Yang, ZC	EUROPEAN PHYSICAL JOURNAL E	2004	15	1	9-12	<a href="http://dx.doi.org/10.1140/epje/i2003-10155-x">http://dx.doi.org/10.1140/epje/i2003-10155-x</a>
91	Group velocity of a probe light in an ensemble of Lambda atoms under two-photon resonance	Li, Y; Sun, CP	PHYSICAL REVIEW A	2004	69	5	51802	<a href="http://dx.doi.org/10.1103/PhysRevA.69.051802">http://dx.doi.org/10.1103/PhysRevA.69.051802</a>
92	Hadron collider signatures for new interactions of top and bottom quarks	Han, T; Valencia, G; Wang, YL	PHYSICAL REVIEW D	2004	70	3	34002	<a href="http://dx.doi.org/10.1103/PhysRevD.70.034002">http://dx.doi.org/10.1103/PhysRevD.70.034002</a>
93	Hadronic production of the P-wave excited B-c states (B-cJ,L=1(*)	Chang, CH; Wang, JX; Wu, XG	PHYSICAL REVIEW D	2004	70	11	114019	<a href="http://dx.doi.org/10.1103/PhysRevD.70.114019">http://dx.doi.org/10.1103/PhysRevD.70.114019</a>
94	Hawking radiation from spherically symmetrical gravitational collapse to an extremal R-N black hole for a charged scalar field	Zhang, HB; Cao, ZJ; Gao, CS	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	3	385-390	
95	Higgs sector in a U(1)' extension of the minimal supersymmetric standard model	Han, T; Langacker, P; McElrath, B	PHYSICAL REVIEW D	2004	70	11	115006	<a href="http://dx.doi.org/10.1103/PhysRevD.70.115006">http://dx.doi.org/10.1103/PhysRevD.70.115006</a>
96	High strangeness dibaryons in the extended quark delocalization, color screening model	Pang, HR; Ping, JL; Wang, F; Goldman, T; Zhao, E	PHYSICAL REVIEW C	2004	69	6	65207	<a href="http://dx.doi.org/10.1103/PhysRevC.69.065207">http://dx.doi.org/10.1103/PhysRevC.69.065207</a>
97	High-spin excitations of atomic nuclei	Xu, FR	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28		11-15	
98	Holography, the cosmological constant and the upper limit of the number of e-foldings	Cai, RG	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2004		2	7	<a href="http://dx.doi.org/10.1088/1475-7516/2004/02/007">http://dx.doi.org/10.1088/1475-7516/2004/02/007</a>
99	Identical bands and alignment in Ti-193,Ti-194	He, XT; Yu, SY; Liu, SX; Liu, YX; Zhao, EG	CHINESE PHYSICS LETTERS	2004	21	5	813-816	
100	Identical superdeformed bands in Ti isotope	He, XT; Liu, SX; Yu, SY; Zeng, JY; Zhao, EG	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28		36-39	
101	Inflation on a warped Dvalli-Gabadadze-Porrati brane	Cai, RG; Zhang, HS	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2004		8	17	<a href="http://dx.doi.org/10.1088/1475-7516/2004/08/017">http://dx.doi.org/10.1088/1475-7516/2004/08/017</a>
102	Inflationary attractor in Gauss-Bonnet brane cosmology	Meng, XH; Wang, P	CLASSICAL AND QUANTUM GRAVITY	2004	21	11	2527-2535	<a href="http://dx.doi.org/10.1088/0264-9381/21/11/001">http://dx.doi.org/10.1088/0264-9381/21/11/001</a>
103	Inflationary attractor in the braneworld scenario	Guo, ZK; Zhang, HS; Zhang, YZ	PHYSICAL REVIEW D	2004	69	6	63502	<a href="http://dx.doi.org/10.1103/PhysRevD.69.063502">http://dx.doi.org/10.1103/PhysRevD.69.063502</a>
104	Influence of interactions on populations for hyperons in neutron stars	Liu, GZ; Zhao, EG; Liu, W; Sun, BX	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	2	269-272	
105	Influence of tensor interactions on masses and decay widths of dibaryons	Pang, HR; Ping, JL; Chen, LZ; Wang, F; Goldman, T	PHYSICAL REVIEW C	2004	70	3	35201	<a href="http://dx.doi.org/10.1103/PhysRevC.70.035201">http://dx.doi.org/10.1103/PhysRevC.70.035201</a>
106	Influence of the partonic Pauli blocking on the hadronic final state in relativistic nucleus-nucleus collisions	Sa, BH; Bonasera, A	PHYSICAL REVIEW C	2004	70	3	34904	<a href="http://dx.doi.org/10.1103/PhysRevC.70.034904">http://dx.doi.org/10.1103/PhysRevC.70.034904</a>
107	Infrared probe of the electronic structure and charge dynamics of Na0.7CoO2	Wang, NL; Zheng, P; Wu, D; Ma, YC; Xiang, T; Jin, RY; Mandrus, D	PHYSICAL REVIEW LETTERS	2004	93	23	237007	<a href="http://dx.doi.org/10.1103/PhysRevLett.93.237007">http://dx.doi.org/10.1103/PhysRevLett.93.237007</a>
108	In-plane conductivity anisotropy in the underdoped cuprates using the spin-charge gauge approach	Marchetti, PA; Orso, G; Su, ZB; Yu, L	PHYSICAL REVIEW B	2004	69	21	214514	<a href="http://dx.doi.org/10.1103/PhysRevB.69.214514">http://dx.doi.org/10.1103/PhysRevB.69.214514</a>
109	Instability of the Fermi surface in the one-dimensional Kondo lattice	Su, YH; Xiao, QH; Xiang, T; Wang, XQ; Su, ZB	JOURNAL OF PHYSICS-CONDENSED MATTER	2004	16	28	5163-5169 / PII S0953-8984(04)78843-8	<a href="http://dx.doi.org/10.1088/0953-8984/16/28/034">http://dx.doi.org/10.1088/0953-8984/16/28/034</a>
110	Isoscalar giant Resonances of Sn-120 in the quasiparticle relativistic random phase approximation	Cao, LG; Ma, ZY	CHINESE PHYSICS LETTERS	2004	21	5	810-812	
111	Isospin and F-spin symmetry structure in low-lying levels of Cr-48,Cr-50 isotopes	Falih, HAK; Long, GL	CHINESE PHYSICS	2004	13	8	1230-1238	
112	Isospin and mixed symmetry excitations in Zn60-66 isotopes	Al-Khudair, FH; Li, YS; Long, GL	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	4	370-376	
113	Isospin and symmetry structure in the f(7/2) shell Ti44-48 isotopes	Al-Khudair, FH; Li, YS; Long, GL	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2004	30	9	1287-1298 / PII S0954-3899(04)80957-5	<a href="http://dx.doi.org/10.1088/0954-3899/30/9/025">http://dx.doi.org/10.1088/0954-3899/30/9/025</a>
114	Isospin effect in intermediate energy heavy ion collisions	Li, ZX; Zhang, YX; Li, QF; Zhao, K; Wu, XZ	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	12	1343-1348	
115	Isospin relation and SU(3) breaking effects of strong phases in charmless B decays	Wu, Yue-Liang; Zhou, Yu-Feng	EUROPEAN PHYSICAL JOURNAL C	2004	32		S179-S189	<a href="http://dx.doi.org/10.1140/epjcd/s2003-01-0014-4">http://dx.doi.org/10.1140/epjcd/s2003-01-0014-4</a>

116	Isospin-dependent relativistic microscopic optical potential in the Dirac Brueckner-Hartree-Fock method	Rong, J; Ma, ZY	SCIENCE IN CHINA SERIES G-PHYSICS ASTRONOMY	2004	47	2	189-198	<a href="http://dx.doi.org/10.1360/03yw0213">http://dx.doi.org/10.1360/03yw0213</a>
117	Lattice dynamics of potassium-doped single-walled carbon nanotubes	Xiao, Y; Yan, XH; Cao, JX; Mao, YL; Deng, YX; Ding, JW	CHINESE PHYSICS LETTERS	2004	21	3	517-520	
118	Lepton flavor violating Z-decays in supersymmetric seesaw model	Cao, J; Xiong, Z; Yang, JM	EUROPEAN PHYSICAL JOURNAL C	2004	32	2	245-252	<a href="http://dx.doi.org/10.1140/epjc/s2003-01391-1">http://dx.doi.org/10.1140/epjc/s2003-01391-1</a>
119	Lifetime difference and endpoint effect in the inclusive bottom hadron decays	Zuo, YB; Yan, YA; Wu, YL; Wang, WY	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2004	19	22	3685-3706	<a href="http://dx.doi.org/10.1142/S0217751X04018476">http://dx.doi.org/10.1142/S0217751X04018476</a>
120	Luttinger liquid with strong spin-orbital coupling and Zeeman splitting in quantum wires	Yu, Y; Wen, YC; Li, JB; Su, ZB; Chui, ST	PHYSICAL REVIEW B	2004	69	15	153307	<a href="http://dx.doi.org/10.1103/PhysRevB.69.153307">http://dx.doi.org/10.1103/PhysRevB.69.153307</a>
121	Macroscopic black holes, microscopic black holes and noncommutative membrane	Li, MA	CLASSICAL AND QUANTUM GRAVITY	2004	21	14	3571-3578 / PII S0264/9381(04)79883-4	<a href="http://dx.doi.org/10.1088/0264-9381/21/14/016">http://dx.doi.org/10.1088/0264-9381/21/14/016</a>
122	Magnetic solitons of spinor Bose-Einstein condensates in an optical lattice	Xie, ZW; Zhang, WP; Chui, ST; Liu, WM	PHYSICAL REVIEW A	2004	69	5	53609	<a href="http://dx.doi.org/10.1103/PhysRevA.69.053609">http://dx.doi.org/10.1103/PhysRevA.69.053609</a>
123	Mass and isotope dependence of limiting temperatures for hot nuclei	Li, ZX; Liu, M	PHYSICAL REVIEW C	2004	69	3	34615	<a href="http://dx.doi.org/10.1103/PhysRevC.69.034615">http://dx.doi.org/10.1103/PhysRevC.69.034615</a>
124	Mesoscopic phase transition of nanostructured materials: construction of computer experimental systems and synthesis and control of functional properties	Yamazaki, Y; Gleiter, H; Lu, KQ; Ou-Yang, ZC; Zhu, X	SURFACE AND INTERFACE ANALYSIS	2004	36	2	177-183	<a href="http://dx.doi.org/10.1002/sia.1687">http://dx.doi.org/10.1002/sia.1687</a>
125	Metamagnetic transition in Na0.85CoO2 single crystals	Luo, JL; Wang, NL; Liu, GT; Wu, D; Jing, XN; Hu, F; Xiang, T	PHYSICAL REVIEW LETTERS	2004	93	18	187203	<a href="http://dx.doi.org/10.1103/PhysRevLett.93.187203">http://dx.doi.org/10.1103/PhysRevLett.93.187203</a>
126	MHV vertices and fermionic scattering amplitudes in gauge theory with quarks and gluinos	Wu, JB; Zhu, CJ	JOURNAL OF HIGH ENERGY PHYSICS	2004		9	63	
127	MHV vertices and scattering amplitudes in gauge theory	Wu, JB; Zhu, CJ	JOURNAL OF HIGH ENERGY PHYSICS	2004		7	32	
128	Microscopic study on dynamic barrier in fusion reactions	Wu, XZ; Tian, JL; Wang, N; Zhao, K; Li, ZX	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	12	1317-1323	
129	Monolayer dielectrics and generation of Maxwell-displacement current and optical second harmonics	Iwamoto, M; Manaka, T; Zhong-Can, OY	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION	2004	11	5	785-796	<a href="http://dx.doi.org/10.1109/TDEI.2004.1349783">http://dx.doi.org/10.1109/TDEI.2004.1349783</a>
130	More precise determination of V-cb & V-ub and direct CP violation in charmless B decays	Wang, WY; Wu, YL; Zhou, YF	JOURNAL OF THE KOREAN PHYSICAL SOCIETY	2004	45		S459-S466	
131	Net charge fluctuation and string fragmentation	Sa, BH; Cai, X; Tai, A; Zhou, DM	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	42	3	403-406	
132	Neutral Higgs boson contributions to CP asymmetry of B -> phi K-S in MSSM	Cheng, JF; Huang, CS; Wu, XH	PHYSICS LETTERS B	2004	585	3-4	287-294	<a href="http://dx.doi.org/10.1016/j.physletb.2004.01.068">http://dx.doi.org/10.1016/j.physletb.2004.01.068</a>
133	Neutron star matter including delta isobars	Liu, GZ; Liu, W; Zhao, EG	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	42	1	99-102	
134	Neutron star structure in a nonlinear realization of chiral SU(3) spontaneous breaking model	Chen, H; Lu, XF	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	3	447-453	
135	New effective interactions in relativistic mean field theory with nonlinear terms and density-dependent meson-nucleon coupling	Long, WH; Meng, J; Van Giai, N; Zhou, SG	PHYSICAL REVIEW C	2004	69	3	34319	<a href="http://dx.doi.org/10.1103/PhysRevC.69.034319">http://dx.doi.org/10.1103/PhysRevC.69.034319</a>
136	New study of the isotensor pi pi interaction	Wu, FQ; Zou, BS; Li, L; Bugg, DV	NUCLEAR PHYSICS A	2004	735	1-2	111-124	<a href="http://dx.doi.org/10.1016/j.nuclphysa.2004.01.126">http://dx.doi.org/10.1016/j.nuclphysa.2004.01.126</a>
137	Non-Abelian geometric quantum memory with an atomic ensemble	Li, Y; Zhang, P; Zanardi, P; Sun, CP	PHYSICAL REVIEW A	2004	70	3	32330	<a href="http://dx.doi.org/10.1103/PhysRevA.70.032330">http://dx.doi.org/10.1103/PhysRevA.70.032330</a>
138	Nonadiabatic effects of atomic motion inside a high-Q optical cavity	Zhang, P; Li, Y; Sun, CP; You, L	PHYSICAL REVIEW A	2004	70	6	63804	<a href="http://dx.doi.org/10.1103/PhysRevA.70.063804">http://dx.doi.org/10.1103/PhysRevA.70.063804</a>
139	Nonasymptotically AdS/dS solutions and their higher dimensional origins	Cai, RG; Wang, A	PHYSICAL REVIEW D	2004	70	8	84042	<a href="http://dx.doi.org/10.1103/PhysRevD.70.084042">http://dx.doi.org/10.1103/PhysRevD.70.084042</a>
140	Nonlinear dynamical symmetries of some two-dimensional quantum systems	Ruan, D; Sun, HZ	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	42	3	379-384	
141	Non-spectator contributions to lifetime of Lambda(b)	Chang, CH; Guo, P; Li, XQ; Wang, GL	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	42	5	723-734	
142	Nonuniversal finite-size scaling in anisotropic systems	Chen, XS; Dohm, V	PHYSICAL REVIEW E	2004	70	5	56136	<a href="http://dx.doi.org/10.1103/PhysRevE.70.056136">http://dx.doi.org/10.1103/PhysRevE.70.056136</a>
143	Nuclear structure of Hf-178 related to the spin-16, 31-year isomer	Sun, Y; Zhou, XR; Long, GL; Zhao, EG; Walker, PA	PHYSICS LETTERS B	2004	589	3-4	83-88	<a href="http://dx.doi.org/10.1016/j.physletb.2004.03.066">http://dx.doi.org/10.1016/j.physletb.2004.03.066</a>
144	Nuclear symmetry energy for A=48 isobars in relativistic mean field theory	Ban, SF; Meng, J; Ramon, AW	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28		66-68	
145	Null geodesics in brane world scenarios	Zhang, LF; Zhang, YZ	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	1	48-50	
146	Nutational oscillatory effect of the test body in space equivalence principle experiments	Shao, CG; Zhang, YZ; Luo, J	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	2	211-214	
147	Odd-even effects of the survival probability for superheavy compound nuclei	Li, WF; Wang, ZZ; Xu, HS; Ma, Y; Zhang, HF; Zuo, W; Li, JQ; Wang, N; Zhao, EG; Scheid, W	CHINESE PHYSICS LETTERS	2004	21	4	636-639	
148	Off-diagonal geometric phase in composite systems	Yi, XX; Chang, JL	PHYSICAL REVIEW A	2004	70	1	12108	<a href="http://dx.doi.org/10.1103/PhysRevA.70.012108">http://dx.doi.org/10.1103/PhysRevA.70.012108</a>
149	On Beltrami model of de Sitter spacetime	Guo, HY; Huang, CG; Xu, Z; Zhou, B	MODERN PHYSICS LETTERS A	2004	19	22	1701-1709	<a href="http://dx.doi.org/10.1142/S0217373204014033">http://dx.doi.org/10.1142/S0217373204014033</a>

150	On special relativity with cosmological constant	Guo, HY; Huang, CG; Xu, Z; Zhou, B	PHYSICS LETTERS A	2004	331	1-2	1-7	<a href="http://dx.doi.org/10.1016/j.physleta.2004.08.036">http://dx.doi.org/10.1016/j.physleta.2004.08.036</a>
151	On unique predictions for single spin azimuthal asymmetry	Ma, JP; Wang, Q	EUROPEAN PHYSICAL JOURNAL C	2004	37	3	293-298	<a href="http://dx.doi.org/10.1140/epjc/s2004-02009-x">http://dx.doi.org/10.1140/epjc/s2004-02009-x</a>
152	One-pion-exchange final-state interaction and the $p(\bar{p})$ over-bar near threshold enhancement in $J/\psi \rightarrow \gamma p(\bar{p})$ over-bar decays	Zou, BS; Chiang, HC	PHYSICAL REVIEW D	2004	69	3	34004	<a href="http://dx.doi.org/10.1103/PhysRevD.69.034004">http://dx.doi.org/10.1103/PhysRevD.69.034004</a>
153	Optical study of the metal-insulator transition in $\text{CuIr}_2\text{S}_4$ crystals	Wang, NL; Cao, GH; Zheng, P; Li, G; Fang, Z; Xiang, T; Kitazawa, H; Matsumoto, T	PHYSICAL REVIEW B	2004	69	15	153104	<a href="http://dx.doi.org/10.1103/PhysRevB.70.153104">http://dx.doi.org/10.1103/PhysRevB.70.153104</a>
154	Optimum diameter of single-walled carbon nanotubes in carbon nanotube ropes	Zhang, SL; Zhao, SM; Xia, MG; Zhang, EL; Zuo, XJ; Xu, T	PHYSICAL REVIEW B	2004	70	3	35403	<a href="http://dx.doi.org/10.1103/PhysRevB.70.035403">http://dx.doi.org/10.1103/PhysRevB.70.035403</a>
155	Origin and phylogeny of chloroplasts revealed by a simple correlation analysis of complete genomes	Chu, KH; Qi, J; Yu, ZG; Anh, V	MOLECULAR BIOLOGY AND EVOLUTION	2004	21	1	200-206	<a href="http://dx.doi.org/10.1093/molbev/msh002">http://dx.doi.org/10.1093/molbev/msh002</a>
156	Pairing gaps in neutron stars	Zhou, XR; Schulze, HJ; Zhao, EG; Pan, F; Draayer, JP	PHYSICAL REVIEW C	2004	70	4	48802	<a href="http://dx.doi.org/10.1103/PhysRevC.70.048802">http://dx.doi.org/10.1103/PhysRevC.70.048802</a>
157	Palatini formulation of modified gravity with 1n R terms	Meng, XH; Wang, P	PHYSICS LETTERS B	2004	584	1-2	1-7	<a href="http://dx.doi.org/10.1016/j.physletb.2004.01.052">http://dx.doi.org/10.1016/j.physletb.2004.01.052</a>
158	Palatini formulation of modified gravity with squared scalar curvature	Meng, XH; Wang, P	GENERAL RELATIVITY AND GRAVITATION	2004	36	12	2673-2680	<a href="http://dx.doi.org/10.1023/B:GERG.0000048981.40061.63">http://dx.doi.org/10.1023/B:GERG.0000048981.40061.63</a>
159	Phantom inflation and primordial perturbation spectrum	Piao, YS; Zhang, YZ	PHYSICAL REVIEW D	2004	70	6	63513	<a href="http://dx.doi.org/10.1103/PhysRevD.70.063513">http://dx.doi.org/10.1103/PhysRevD.70.063513</a>
160	Phonon spectrum of single-walled boron nitride nanotubes	Yang, X; Yan, XH; Cao, JX; Mao, YL; Jun, X	CHINESE PHYSICS	2004	13	9	1526-1530	<a href="http://dx.doi.org/10.1088/1009-1963/13/9/028">http://dx.doi.org/10.1088/1009-1963/13/9/028</a>
161	Photon-assisted Fano resonance and corresponding shot noise in a quantum dot	Ma, ZS; Zhu, Y; Li, XQ; Lin, TH; Su, ZB	PHYSICAL REVIEW B	2004	69	4	45302	<a href="http://dx.doi.org/10.1103/PhysRevB.69.045302">http://dx.doi.org/10.1103/PhysRevB.69.045302</a>
162	Possible interpretations of $D\text{-}s_J^{(+)}(2632)$ if it really exists	Dai, YB; Liu, C	JOURNAL OF HIGH ENERGY PHYSICS	2004		11	43	
163	Potential energy surface in Hartree-Fock theory: Adiabatic or configuration-constrained?	Guo, L; Fumihiko, S; Zhao, EG	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	2	257-262	
164	Predictions for $e^{+}e^{-} \rightarrow J/\psi \text{ eta}(c)$ with light-cone wave functions	Ma, JP; Si, ZG	PHYSICAL REVIEW D	2004	70	7	74007	<a href="http://dx.doi.org/10.1103/PhysRevD.70.074007">http://dx.doi.org/10.1103/PhysRevD.70.074007</a>
165	Primordial perturbation spectra from various expanding and contracting phases before the bounce	Piao, YS; Zhang, YZ	PHYSICAL REVIEW D	2004	70	4	43516	<a href="http://dx.doi.org/10.1103/PhysRevD.70.043516">http://dx.doi.org/10.1103/PhysRevD.70.043516</a>
166	Probing topcolor-assisted technicolor from like-sign top pair production at CERN LHC	Cao, JJ; Liu, GL; Yang, JM	PHYSICAL REVIEW D	2004	70	11	114035	<a href="http://dx.doi.org/10.1103/PhysRevD.70.114035">http://dx.doi.org/10.1103/PhysRevD.70.114035</a>
167	Production cross section of superheavy nuclei in cold fusion reactions based on the relativistic mean field theory	Zhang, W; Meng, J; Zhang, SQ	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	1	61-68	
168	Production of scalar Higgs bosons associated with the $Z(0)$ boson at the CERN LHC in the MSSM	Yang, LL; Li, CS; Liu, JJ; Jin, LG	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2004	30	12	1821-1833 / PII S0954-3899(04)78437-6	<a href="http://dx.doi.org/10.1088/0954-3899/30/12/005">http://dx.doi.org/10.1088/0954-3899/30/12/005</a>
169	Progress in Statistical and Nonlinear Physics: Proceedings of the first cross Taiwan-strait Conference on Statistical Physics Yangzhou, China - 26-31 August 2003 - Preface	Hu, CK; Ou-Yang, ZC; Hu, B; Wang, BH	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2004	18	17-19	V-VIII	
170	Prokaryote phylogeny based on ribosomal proteins and aminoacyl tRNA synthetases by using the compositional distance approach	Wei, HB; Qi, J; Hao, BL	SCIENCE IN CHINA SERIES C-LIFE SCIENCES	2004	47	4	313-321	<a href="http://dx.doi.org/10.1360/03yc0137">http://dx.doi.org/10.1360/03yc0137</a>
171	Properties of $SO(2, 1)$ coherent state for the coulomb problem (vol 19, pg 355, 2004)	Xu, BW; Ye, F	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2004	19	11	1835-1835	<a href="http://dx.doi.org/10.1142/S0217751X04018701">http://dx.doi.org/10.1142/S0217751X04018701</a>
172	Properties of $SO(2, 1)$ coherent state for the Coulomb problem	Xu, BW; Ye, F	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2004	19	3	355-360	<a href="http://dx.doi.org/10.1142/S0217751X04017732">http://dx.doi.org/10.1142/S0217751X04017732</a>
173	Properties of the symplectic structure of general relativity for spatially bounded space-time regions (vol 43, pg 3984, 2002)	Anco, SC; Tung, RS	JOURNAL OF MATHEMATICAL PHYSICS	2004	45	5	2108-2108	<a href="http://dx.doi.org/10.1063/1.1704848">http://dx.doi.org/10.1063/1.1704848</a>
174	QCD factorization for spin-dependent cross sections in DIS and Drell-Yan processes at low transverse momentum	Ji, XD; Ma, JP; Yuan, F	PHYSICS LETTERS B	2004	597	3-4	299-308	<a href="http://dx.doi.org/10.1016/j.physletb.2004.07.026">http://dx.doi.org/10.1016/j.physletb.2004.07.026</a>
175	Quantum entropy of the Garfinkle-Horowitz-Strominger dilaton black hole	Liu, CZ; Li, X; Zhao, Z	GENERAL RELATIVITY AND GRAVITATION	2004	36	5	1135-1142	
176	Quantum information measurements for Garfinkle-Horne dilaton black holes	Ge, XH; Shen, YG	CHINESE PHYSICS LETTERS	2004	21	8	1413-1416	
177	Quantum memory based on Lambda-atoms ensemble with two-photon resonance EIT	Li, Y; Sun, CP	EUROPEAN PHYSICAL JOURNAL D	2004	30	3	425-429	<a href="http://dx.doi.org/10.1140/epjdd/e2004-00097-y">http://dx.doi.org/10.1140/epjdd/e2004-00097-y</a>
178	Quark-lepton nonuniversality	Li, XY; Ma, E	BRAZILIAN JOURNAL OF PHYSICS	2004	34	1A	191-193	
179	R-2 corrections to the cosmological dynamics of inflation in the Palatini formulation	Meng, XH; Wang, P	CLASSICAL AND QUANTUM GRAVITY	2004	21	8	2029-2036 / PII S0264-9381(04)71621-4	<a href="http://dx.doi.org/10.1088/0264-9381/21/8/008">http://dx.doi.org/10.1088/0264-9381/21/8/008</a>
180	Reconstructing large running index inflaton potentials	Chen, CY; Feng, B; Wang, XL; Yang, ZY	CLASSICAL AND QUANTUM GRAVITY	2004	21	13	3223-3235 / PII S0264-9381(04)74721-8	<a href="http://dx.doi.org/10.1088/0264-9381/21/13/008">http://dx.doi.org/10.1088/0264-9381/21/13/008</a>
181	Relativistic consistent angular-momentum projected shell-model: angular-momentum projection	Li, YS; Long, GL	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	4	579-582	

182	Relativistic consistent angular-momentum projected shell-model: Relativistic mean field	Li, YS; Long, GL	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	3	429-434	
183	Relativistic mean field description of nuclear structure	Zhou, SG	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28		21-26	
184	Renormalization in reparametrization invariance	Chen, YQ	PHYSICAL REVIEW D	2004	69	9	96001	<a href="http://dx.doi.org/10.1103/PhysRevD.69.096001">http://dx.doi.org/10.1103/PhysRevD.69.096001</a>
185	Resonant continuum in extended RMF plus BCS approximation	Cao, LG; Ma, ZY	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	4	583-586	
186	Resummation study on decay $\rho \rightarrow \pi \pi$ in $U(2)_L \times U(2)_R$ chiral theory of mesons	Huang, YB; Yan, ML; Wang, XJ	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	4	340-344	
187	Resummation study on vector meson decays and chiral symmetry spontaneously breaking in chiral constituent quark model	Huang, YB; Yan, ML; Wang, XJ	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2004	19	1	81-114	<a href="http://dx.doi.org/10.1142/S0217751X04017069">http://dx.doi.org/10.1142/S0217751X04017069</a>
188	Re-visit N/Z ratio of free nucleons from collisions of neutron-rich nuclei as a probe of EoS of asymmetric nuclear matter	Li, QF; Li, ZX; Zhao, EG; Stocker, H	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	3	435-440	
189	Rotational band structures of non-axial octupole deformed shapes	Gao, ZC; Chen, YS; Meng, J	CHINESE PHYSICS LETTERS	2004	21	5	806-809	
190	RVB and gossamer superconductivity	Zhang, FC; Gan, JY; Su, ZB	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	2004	408		211-213	<a href="http://dx.doi.org/10.1016/j.physc.2004.02.080">http://dx.doi.org/10.1016/j.physc.2004.02.080</a>
191	S wave meson spectra from the light cone harmonic oscillator model with a consistent hyperfine interaction	Zhou, SG; Pauli, HC	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2004	30	9	983-988 / PII S0954-3899(04)77149-2	<a href="http://dx.doi.org/10.1088/0954-3899/30/9/003">http://dx.doi.org/10.1088/0954-3899/30/9/003</a>
192	Second-order corrections to the power spectrum in the slow-roll expansion with a time-dependent sound speed	Wei, H; Cai, RG; Wang, AZ	PHYSICS LETTERS B	2004	603	3-4	95-106	<a href="http://dx.doi.org/10.1016/j.physletb.2004.10.034">http://dx.doi.org/10.1016/j.physletb.2004.10.034</a>
193	Semiclassical and quantum field theoretic bounds for traversable Lorentzian stringy wormholes	Nandi, KK; Zhang, YZ; Kumar, KBV	PHYSICAL REVIEW D	2004	70	6	64018	<a href="http://dx.doi.org/10.1103/PhysRevD.70.064018">http://dx.doi.org/10.1103/PhysRevD.70.064018</a>
194	Shape deformation and circle instability in two-dimensional lipid domains by dipolar force: A shape- and size-dependent line tension model	Iwamoto, M; Zhong-can, OY	PHYSICAL REVIEW LETTERS	2004	93	20	206101	<a href="http://dx.doi.org/10.1103/PhysRevLett.93.206101">http://dx.doi.org/10.1103/PhysRevLett.93.206101</a>
195	SLAP for pairing in the relativistic mean field theory	Meng, J; Zhang, SH; Guo, JY	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28		84-86	
196	SO(1,1) dark energy model and the universe transition	Wei, YH; Tian, Y	CLASSICAL AND QUANTUM GRAVITY	2004	21	23	5347-5353 / PII S0264-9381(04)85323-1	<a href="http://dx.doi.org/10.1088/0264-9381/21/23/004">http://dx.doi.org/10.1088/0264-9381/21/23/004</a>
197	Soliton solution of SU(3) gauge fields	Wang, DF; Song, HS; An, Y	CHINESE PHYSICS LETTERS	2004	21	8	1453-1454	
198	Specific heat and quantized thermal conductance of single-walled boron nitride nanotubes	Xiao, Y; Yan, XH; Cao, JX; Ding, JW; Mao, YL; Xiang, J	PHYSICAL REVIEW B	2004	69	20	205415	<a href="http://dx.doi.org/10.1103/PhysRevB.69.205415">http://dx.doi.org/10.1103/PhysRevB.69.205415</a>
199	Specific heat of single-walled boron nitride nanotubes	Xiao, Y; Yan, XH; Xiang, J; Mao, YL; Zhang, Y; Cao, JX; Ding, JW	APPLIED PHYSICS LETTERS	2004	84	23	4626-4628	<a href="http://dx.doi.org/10.1063/1.1759061">http://dx.doi.org/10.1063/1.1759061</a>
200	Spectra of anti-nucleons in the vacuum of finite nuclei	Mao, GJ	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	12	1356-1360	
201	Spin switch and qubit register from a spin particle controlled by a time-dependent magnetic field	Wang, SJ; Jia, CL; An, JH; Luo, HG	CHINESE PHYSICS LETTERS	2004	21	5	778-781	
202	Spin-charge gauge approach to pseudogap: theory versus experiments	Marchetti, PA; Orso, G; Su, ZB; Yu, L	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	2004	408		412-413	<a href="http://dx.doi.org/10.1016/j.physc.2004.03.003">http://dx.doi.org/10.1016/j.physc.2004.03.003</a>
203	Spin-charge gauge approach to the pseudogap phase of high-T-c cuprates: Theory versus experiments	Marchetti, PA; De Leo, L; Orso, G; Su, ZB; Yu, L	PHYSICAL REVIEW B	2004	69	2	24527	<a href="http://dx.doi.org/10.1103/PhysRevB.69.024527">http://dx.doi.org/10.1103/PhysRevB.69.024527</a>
204	Study of the identical bands of odd-A and odd-odd nuclei in the A similar to 190 mass region	He, XT; Yu, SY; Liu, SX; Zeng, JY; Zhao, EG	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	12	1366-1369	
205	Study on fusion potential barrier in heavy ion reactions based on the dynamical model	Tian, JL; Wu, XZ; Li, ZX; Wang, N; Liu, FH	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	7	725-732	
206	Summary of international symposium on nuclear physics in Dalian	Chen, YS	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	12	1373-1375	
207	Supergravity and Yang-Mills theories as generalized topological fields with constraints	Ling, Y; Tung, RS; Guo, HY	PHYSICAL REVIEW D	2004	70	4	44045	<a href="http://dx.doi.org/10.1103/PhysRevD.70.044045">http://dx.doi.org/10.1103/PhysRevD.70.044045</a>
208	Supernova constraints on a holographic dark energy model	Huang, QG; Gong, YG	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2004		8	6	<a href="http://dx.doi.org/10.1088/1475-7516/2004/08/006">http://dx.doi.org/10.1088/1475-7516/2004/08/006</a>
209	Supersymmetric SO(10) models inspired by deconstruction	Huang, CS; Jiang, J; Li, TJ	NUCLEAR PHYSICS B	2004	702	1-2	109-130	<a href="http://dx.doi.org/10.1016/j.nuclphysb.2004.09.023">http://dx.doi.org/10.1016/j.nuclphysb.2004.09.023</a>
210	SuperWIMP dark matter scenario in light of WMAP	Wang, F; Yang, JM	EUROPEAN PHYSICAL JOURNAL C	2004	38	1	129-133	<a href="http://dx.doi.org/10.1140/epjc/s2004-02029-6">http://dx.doi.org/10.1140/epjc/s2004-02029-6</a>

211	Symmetry and mixed symmetry band structures in low-lying levels of Kr76-84 isotopes	Al-Khudair, FH; Long, GL	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	7	717-724	
212	Symmetry-preserving loop regularization and renormalization of QFTs	Wu, YL	MODERN PHYSICS LETTERS A	2004	19	29	2191-2204	<a href="http://dx.doi.org/10.1142/S0217732304015361">http://dx.doi.org/10.1142/S0217732304015361</a>
213	Symplectic schemes for Birkhoffian system	Su, HL; Qin, MZ	COMMUNICATIONS IN THEORETICAL PHYSICS	2004	41	3	329-334	
214	Systematic description of the superdeformed bands of the odd-a nuclei in the A approximate to 190 mass region	Tang, J; Liu, YX	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	10	1055-1064	
215	$t \rightarrow cV$ via SUSY FCNC couplings in the unconstrained MSSM	Liu, RJ; Li, CS; Yang, LL; Jin, LG	PHYSICS LETTERS B	2004	599	1-2	92-101	<a href="http://dx.doi.org/10.1016/j.physletb.2004.07.062">http://dx.doi.org/10.1016/j.physletb.2004.07.062</a>
216	Temperature dependence of the conductivity of an electronic crystal	Yang, SJ; Yu, Y	PHYSICAL REVIEW B	2004	69	23	233307	<a href="http://dx.doi.org/10.1103/PhysRevB.69.233307">http://dx.doi.org/10.1103/PhysRevB.69.233307</a>
217	The axisymmetric problem with electrostatic fields and some spherically symmetric black holes in EMD theory	Wei, YH	CLASSICAL AND QUANTUM GRAVITY	2004	21	4	831-838 / PII S0264-9381(04)70819-9	<a href="http://dx.doi.org/10.1088/0264-9381/21/4/006">http://dx.doi.org/10.1088/0264-9381/21/4/006</a>
218	The Euler-Lagrange cohomology on symplectic manifolds	Guo, HY; Pan, JZ; Wu, K; Zhou, B	GEOMETRIC FUNCTION THEORY IN SEVERAL COMPLEX VARIABLES	2004			182-207	<a href="http://dx.doi.org/10.1142/9789812702500_0012">http://dx.doi.org/10.1142/9789812702500_0012</a>
219	The GEMS approach to stationary motions in the spherically symmetric spacetimes	Chen, HZ; Song, XC; Tian, Y; Gao, YH	JOURNAL OF HIGH ENERGY PHYSICS	2004		10	11	
220	The googly amplitudes in gauge theory	Zhu, CJ	JOURNAL OF HIGH ENERGY PHYSICS	2004		4	32	
221	The holographic dark energy in a non-flat universe	Huang, QG; Li, M	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2004		8	13	<a href="http://dx.doi.org/10.1088/1475-7516/2004/08/013">http://dx.doi.org/10.1088/1475-7516/2004/08/013</a>
222	The quantum statistical entropy of dynamic black holes with 6-D spherical symmetry	Li, C; Shen, YG	CHINESE ASTRONOMY AND ASTROPHYSICS	2004	28	3	253-263	<a href="http://dx.doi.org/10.1016/j.chinastron.2004.07.001">http://dx.doi.org/10.1016/j.chinastron.2004.07.001</a>
223	The viability of 0.3 nm diameter carbon nanotubes	Mao, YL; Yan, XH; Xiao, Y; Xiang, J; Yang, YR; Yu, HL	NANOTECHNOLOGY	2004	15	8	1000-1003 / PII S0957-4484(04)74485-5	<a href="http://dx.doi.org/10.1088/0957-4484/15/8/024">http://dx.doi.org/10.1088/0957-4484/15/8/024</a>
224	Theoretical simulation for identical bands	Chen, YJ; Chen, YS; Gao, ZC	CHINESE PHYSICS LETTERS	2004	21	5	802-805	
225	Thermal conductivity of GaAs/AlAs superlattices: The Umklapp process	Yang, YR; Yan, XH; Cao, JX; Xiao, Y; Mao, YL; Xiang, J; Yu, HL	CHINESE PHYSICS	2004	13	12	2109-2114	
226	Thermal leptogenesis in a model with mass varying neutrinos	Bi, XJ; Gu, PH; Wang, XL; Zhang, XM	PHYSICAL REVIEW D	2004	69	11	113007	<a href="http://dx.doi.org/10.1103/PhysRevD.69.113007">http://dx.doi.org/10.1103/PhysRevD.69.113007</a>
227	Thermal stability line for hot nuclei	Ou, L; Liu, M; Li, ZX; Liu, JF	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28	11	1160-1164	
228	Thermodynamics and stability of hyperbolic charged black holes	Cai, RG; Wang, AZ	PHYSICAL REVIEW D	2004	70	6	64013	<a href="http://dx.doi.org/10.1103/PhysRevD.70.064013">http://dx.doi.org/10.1103/PhysRevD.70.064013</a>
229	Top-charm associated production via SUSYFCNC couplings at the CERN LHC in the MSSM	Liu, JJ; Li, CS; Yang, LL	MODERN PHYSICS LETTERS A	2004	19	4	317-326	<a href="http://dx.doi.org/10.1142/S0217732304012940">http://dx.doi.org/10.1142/S0217732304012940</a>
230	Topological charge of ADHM instanton on $R-NC(2) \times R-2$	Tian, Y	MODERN PHYSICS LETTERS A	2004	19	17	1315-1317	<a href="http://dx.doi.org/10.1142/S0217732304013726">http://dx.doi.org/10.1142/S0217732304013726</a>
231	Traversable Lorentzian wormholes in the vacuum low energy effective string theory in Einstein and Jordan frames	Nandi, KK; Zhang, YZ	PHYSICAL REVIEW D	2004	70	4	44040	<a href="http://dx.doi.org/10.1103/PhysRevD.70.044040">http://dx.doi.org/10.1103/PhysRevD.70.044040</a>
232	Triaxial deformation in candidate nuclei of the chiral doublet bands	Peng, J; Meng, J; Zhang, SQ	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2004	28		81-83	
233	Triaxial interaction effect in the structure of Sm148-158	Zhang, JJ; Al-Khudair, FH; Li, YS; Long, GL	CHINESE PHYSICS	2004	13	11	1835-1842	
234	Uncertainties in estimating B-c hadronic production and comparisons of the production at TEVATRON and LHC	Chang, CH; Wu, XG	EUROPEAN PHYSICAL JOURNAL C	2004	38	3	267-276	<a href="http://dx.doi.org/10.1140/epjc/s2004-02015-0">http://dx.doi.org/10.1140/epjc/s2004-02015-0</a>
235	Unfolding single RNA molecules by mechanical force: A stochastic kinetic method	Liu, F; Ou-Yang, ZC	PHYSICAL REVIEW E	2004	70	4	40901	<a href="http://dx.doi.org/10.1103/PhysRevE.70.040901">http://dx.doi.org/10.1103/PhysRevE.70.040901</a>
236	Volume integral theorem for exotic matter	Nandi, KK; Zhang, YZ; Kumar, KBV	PHYSICAL REVIEW D	2004	70	12	127503	<a href="http://dx.doi.org/10.1103/PhysRevD.70.127503">http://dx.doi.org/10.1103/PhysRevD.70.127503</a>
237	Wave mechanics in quantum phase space: Harmonic oscillator	Lu, J	PHYSICA SCRIPTA	2004	69	2	84-90	<a href="http://dx.doi.org/10.1238/Physica.Regular.069a00084">http://dx.doi.org/10.1238/Physica.Regular.069a00084</a>
238	Whole proteome prokaryote phylogeny without sequence alignment: A K-string composition approach	Qi, J; Wang, B; Hao, BI	JOURNAL OF MOLECULAR EVOLUTION	2004	58	1	1-11	<a href="http://dx.doi.org/10.1007/s00239-003-2493-7">http://dx.doi.org/10.1007/s00239-003-2493-7</a>
239	Why do deconfinement and chiral restoration coincide at high temperature?	Yang, S; Guo, H; Zhao, EG; Lu, XF	CHINESE PHYSICS LETTERS	2004	21	4	620-623	
240	YCan quantum information be cloned in Kerr black holes?	Ge, XH; Shen, YG	CLASSICAL AND QUANTUM GRAVITY	2004	21	8	1941-1946 / PII S0264-9381(04)74415-9	<a href="http://dx.doi.org/10.1088/0264-9381/21/8/002">http://dx.doi.org/10.1088/0264-9381/21/8/002</a>