

SCI Papers of ITP in 2006

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	1/2-BPS Wilson-'t Hooft loops	Chen, Bin; He, Wei	PHYSICAL REVIEW D	2006	74	12	126008	http://dx.doi.org/10.1103/PhysRevD.74.126008
2	A matrix model for Misner universe and closed string tachyons	She, JH	JOURNAL OF HIGH ENERGY PHYSICS	2006		1	2	
3	A new kind of uniformly accelerated reference frames	Huang, Chao-Guang; Guo, Han-Ying	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2006	15	7	1035-1045	http://dx.doi.org/10.1142/S0218271806008711
4	A note on crossing the phantom divide in hybrid dark energy model	Wei, H; Cai, RG	PHYSICS LETTERS B	2006	634	1	9-13	http://dx.doi.org/10.1016/j.physletb.2006.01.043
5	A note on non-commutative brane inflation	Zhang, Xin	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2006		12	2	http://dx.doi.org/10.1088/1475-7516/2006/12/002
6	A note on the Cardy-Verlinde formula	Lin, Boliang; Cai, Rong-Gen	PHYSICS LETTERS B	2006	643	2	131-135	http://dx.doi.org/10.1016/j.physletb.2006.10.043
7	A one loop problem of the matrix big bang model	Lia, Miao; Song, Wei	JOURNAL OF HIGH ENERGY PHYSICS	2006		8	89	
8	A rotating Kaluza-Klein black hole with squashed horizons	Wang, Tower	NUCLEAR PHYSICS B	2006	756	1-2	86-99	http://dx.doi.org/10.1016/j.nuclphysb.2006.09.001
9	A tracker solution for a holographic dark energy model	Li, Hui; Guo, Zong-Kuan; Zhang, Yuan-Zhong	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2006	15	6	869-877	http://dx.doi.org/10.1142/S0218271806008577
10	Accelerating universe as window for extra dimensions	Panigrahi, D.; Chatterjee, S.; Zhang, Y. Z.	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2006	21	31	6491-6511	http://dx.doi.org/10.1142/S0217751X06034318
11	Accelerating universe from extra spatial dimension	Chatterjee, S.; Banerjee, A.; Zhang, Y. Z.	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2006	21	19-20	4035-4044	http://dx.doi.org/10.1142/S0217751X06031387
12	An alternative explanation of the conflict between 1/R gravity and solar system tests	Shao, CG; Cai, RG; Wang, B; Su, RK	PHYSICS LETTERS B	2006	633	2-3	164-166	http://dx.doi.org/10.1016/j.physletb.2005.11.060
13	An effective formulation on quantum hydrodynamics at finite temperatures and densities	Sun, BX; Lu, XF; Li, L; Ning, PZ; Shen, PN; Zhao, EG	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	45	3	527-534	
14	An exact numerical method to calculate the base-unpairing probability for any given DNA sequence by Benham model	Li, M; Ou-Yang, ZC	THIN SOLID FILMS	2006	499	1-2	207-212	http://dx.doi.org/10.1016/j.tsf.2005.07.007
15	An upgraded version of the generator BCVEGPY2.0 for hadronic production of B-c meson and its excited states	Chang, Chao-Hsi; Wang, Jian-Xiong; Wu, Xing-Gang	COMPUTER PHYSICS COMMUNICATIONS	2006	175	9	624-627	http://dx.doi.org/10.1016/j.cpc.2006.07.014
16	Angular momentum projection after variation for Cranking Shell Model	Zheng, R. R.; Zhu, S. Q.; Yang, Y. C.; Zeng, J. Y.; Liu, S. X.; Zhao, E. G.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	2006	15	8	1813-1822	http://dx.doi.org/10.1142/S0218301306005393
17	Angular-dependent magnetoresistance oscillations in Na0.48CoO2 single crystals	Hu, F.; Liu, G. T.; Luo, J. L.; Wu, D.; Wang, N. L.; Xiang, T.	PHYSICAL REVIEW B	2006	73	21	212414	http://dx.doi.org/10.1103/PhysRevB.73.212414
18	Anomalous gauge couplings of the Higgs boson at high energy photon colliders	Han, T; Kuang, YP; Zhang, B	PHYSICAL REVIEW D	2006	73	5	55010	http://dx.doi.org/10.1103/PhysRevD.73.055010
19	Anomaly and anomaly-free treatment of QFT's based on symmetry-preserving loop regularization	Ma, Yong-Liang, Wu, Yue-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2006	21	31	6383-6456	http://dx.doi.org/10.1142/S0217751X0603309X
20	Antiferromagnetic Heisenberg ladders in staggered magnetic field	Zhao, J; Wang, XQ; Xiang, T; Su, ZB; Yu, L; Lou, JZ; Chen, CF	PHYSICAL REVIEW B	2006	73	1	12411	http://dx.doi.org/10.1103/PhysRevB.73.012411
21	Application of closed-orbit theory to the Rydberg hydrogen atom near a metal surface	Wang, Dehua; Du, M. L.; Lin, Shenglu	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2006	39	17	3529-3539	http://dx.doi.org/10.1088/0953-4075/39/17/010
22	Applications of Skyrme energy-density functional to fusion reactions for synthesis of superheavy nuclei	Wang, Ning; Wu, Xizhen; Li, Zhuxia; Liu, Min; Scheid, Werner	PHYSICAL REVIEW C	2006	74	4	44604	http://dx.doi.org/10.1103/PhysRevC.74.044604
23	Applications of Skyrme energy-density functional to fusion reactions spanning the fusion barriers	Liu, M; Wang, N; Li, ZX; Wu, XZ; Zhao, EG	NUCLEAR PHYSICS A	2006	768	1-2	80-98	http://dx.doi.org/10.1016/j.nuclphysa.2006.01.011
24	Approach to the rotation driven vibrational to axially rotational shape phase transition along the yrast line of a nucleus	Liu, YX; Mu, LZ; Wei, HQ	PHYSICS LETTERS B	2006	633	1	49-53	http://dx.doi.org/10.1016/j.physletb.2005.11.018

25	ASTROD and ASTROD I: Progress Report	Ni, Wei-Tou; Araujo, Henrique; Bao, Gang; Dittus, Hansjoerg; Huang, Tianyi; Klioner, Sergei; Kopeikin, Sergei; Krasinsky, George; Laemmerzahl, Claus; Li, Guangyu; Li, Hongying; Liu, Lei; Nie, Yu-Xin; Paton, Antonio Pulido; Peters, Achim; Pitjeva, Elena; Ruediger, Albrecht; Samain, Etienne; Shaul, Diana; Schiller, Stephan; Shi, Jianchun; Shiomi, Sachie; Soffel, M. H.; Sumner, Timothy; Theil, Stephan; Touboul, Pierre; Vrancken, Patrick; Wang, Feng; Wang, Haitao; Wei, Zhiyi; Wicht, Andreas; Wu, Xue-Jun; Xia, Yan; Xiong, Yaoheng; Xu, Chongming; Yan, Jun; Yeh, Hsien-Chi; Zhang, Yuan-Zhong; Zhao, Cheng; Zhou, Ze-Bing	SIXTH EDOARDO AMALDI CONFERENCE ON GRAVITATIONAL WAVES	2006	32		-	http://dx.doi.org/10.1088/1742-6596/32/1/024
26	ASTROD I: Mission concept and Venus flybys	Ni, Wei-Tou; Bao, Yun; Dittus, Hansjoerg; Huang, Tianyi; Lammerzahl, Claus; Li, Guangyu; Luo, Jun; Ma, Zhen-Guo; Mangin, Jean Francois; Nie, Yu-Xin; Peters, Achim; Ruediger, Albrecht; Samain, Etienne; Schiller, Stephan; Shiomi, Sachie; Sumner, Timothy; Tang, Chien-Jen; Tao, Jinhe; Touboul, Pierre; Wang, Haitao; Wicht, Andreas; Wu, Xue-Jun; Xiong, Yaoheng; Xu, Chongming; Yan, Jun; Yao, Da-Zhi; Yeh, Hsien-Chi; Zhang, Shu-Lian; Zhang, Yuan-Zhong; Zhou, Ze-Bing	ACTA ASTRONAUTICA	2006	59	8-11	598-607	http://dx.doi.org/10.1016/j.actaastro.2005.07.031
27	B-(s), D-(s) \rightarrow pi, K, eta, p, K*, omega, phi transition form factors and decay rates with extraction of the CKM parameters vertical bar V-ub vertical bar, vertical bar V-cs vertical bar, vertical bar V-cd vertical bar	Wu, Y. L.; Zhong, M.; Zuo, Y. B.	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2006	21	30	6125-6172	http://dx.doi.org/10.1142/S0217751X06033209
28	BCVEGPY2.0: An upgraded version of the generator BCVEGPY with the addition of hadroproduction of the P-wave B-c states	Chang, CH; Wang, JX; Wu, XG	COMPUTER PHYSICS COMMUNICATIONS	2006	174	3	241-251	http://dx.doi.org/10.1016/j.cpc.2005.09.008
29	Beam splitter for spin waves in quantum spin network	Yang, S.; Song, Z.; Sun, C. P.	EUROPEAN PHYSICAL JOURNAL B	2006	52	3	377-381	http://dx.doi.org/10.1140/epjb/e2006-00319-2
30	beta-Decay of neutron-rich nucleus N-18	Zhang Yu-Mei; Xu Fu-Rong	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		115-117	
31	Black hole complementary principle and noncommutative membrane	Wei Ren	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	4	679-682	
32	Black hole formation from collapsing dust fluid in a background of dark energy	Cai, RG; Wang, AZ	PHYSICAL REVIEW D	2006	73	6	63005	http://dx.doi.org/10.1103/PhysRevD.73.063005
33	Black holes in pure Lovelock gravities	Cai, Rong-Gen; Ohta, Nobuyoshi	PHYSICAL REVIEW D	2006	74	6	64001	http://dx.doi.org/10.1103/PhysRevD.74.064001
34	Block-block entanglement and quantum phase transition in the spin-1/2 XX chain	Lou, Ping; Lee, Jin Yong	PHYSICAL REVIEW B	2006	74	13	134402	http://dx.doi.org/10.1103/PhysRevB.74.134402
35	B-meson wave function with contributions from three-particle Fock states	Huang, T; Qiao, CF; Wu, XG	PHYSICAL REVIEW D	2006	73	7	74004	http://dx.doi.org/10.1103/PhysRevD.73.074004
36	Brane inflation after Wilkinson Microwave Anisotropy Probe three year results	Huang, Qing-Guo; Li, Miao; She, Jian-Huang	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2006		11	10	http://dx.doi.org/10.1088/1475-7516/2006/11/010
37	Canonical coordinates and meson spectra for scalar deformed N=4 SYM from the AdS/CFT correspondence	Shock, Jonathan P.	JOURNAL OF HIGH ENERGY PHYSICS	2006		10	43	

38	Charge particle universal rapidity scaling in e^+e^- , $(p)\overline{\text{bar}}+p$ and Au+Au collisions at relativistic energies and its partonic origin	Sa, BH; Zhou, DM; Tan, ZG	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2006	32	3	243-250	http://dx.doi.org/10.1088/0954-3899/32/3/001
39	Chiral bands in particle rotor model with pairing correlations	Qi Bin; Zhang Shang-Quan; Wang Shou-Yu; Meng Jie	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		112-114	
40	Chiral symmetry analysis and rigid rotational invariance for the lattice dynamics of single-wall carbon nanotubes	Jiang, Jin-Wu; Tang, Hui; Wang, Bing-Shen; Su, Zhao-Bin	PHYSICAL REVIEW B	2006	73	23	235434	http://dx.doi.org/10.1103/PhysRevB.73.235434
41	Collapse transition of two-dimensional flexible and semiflexible polymers	Zhou, Haijun; Zhou, Jie; Ou-Yang, Zhong-Can; Kumar, Sanjay	PHYSICAL REVIEW LETTERS	2006	97	15	158302	http://dx.doi.org/10.1103/PhysRevLett.97.158302
42	Comment on Fano resonance for Anderson impurity systems - Luo et al. reply	Luo, HG; Xiang, T; Wang, XQ; Su, ZB; Yu, L	PHYSICAL REVIEW LETTERS	2006	96	1	19702	http://dx.doi.org/10.1103/PhysRevLett.96.019702
43	Comparison of relativistic and non-relativistic approaches in halo	Terasaki, Jun; Zhang, S. Q.; Zhou, S. G.; Meng, J.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2006	15	8	1833-1841	http://dx.doi.org/10.1142/S0218301306005381
44	Confining potential mode in Baryons spectrum	Zhao Hong-Ming; Shen Peng-Nian; Ding Yi-Bing; Li Xue-Qian; Zou Bing-Song	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	2	275-286	
45	Conformal triality of de Sitter, Minkowski and anti-de Sitter spaces	Zhou, Bin; Guo, Han-Ying	DIFFERENTIAL GEOMETRY AND PHYSICS	2006	10		503+	http://dx.doi.org/10.1142/9789812772527_0047
46	Conserved charges in even dimensional asymptotically locally anti-de Sitter spacetimes	Cai, RG; Cao, LM	JOURNAL OF HIGH ENERGY PHYSICS	2006		3	83	
47	Consistency in formulation of spin current and torque associated with a variance of angular momentum	Wang, Y; Xia, K; Su, ZB; Ma, ZS	PHYSICAL REVIEW LETTERS	2006	96	6	66601	http://dx.doi.org/10.1103/PhysRevLett.96.066601
48	Constraints on hybrid inflation from flat directions in supersymmetry	Xu, Fuqiang; Yang, Jin Min	PHYSICS LETTERS B	2006	643	2	127-130	http://dx.doi.org/10.1016/j.physletb.2006.10.037
49	Constraints on the Dvali-Gabadadze-Porrati model from recent supernova observations and baryon acoustic oscillations	Guo, Zong-Kuan; Zhu, Zong-Hong; Alcaniz, J. S.; Zhang, Yuan-Zhong	ASTROPHYSICAL JOURNAL	2006	646	1	1-7	http://dx.doi.org/10.1086/504831
50	Constructing phantom with a nonminimally coupled complex scalar field	Shen, You-Gen; Ge, Xian-Hui	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2006	45	1	19-31	http://dx.doi.org/10.1007/s10773-005-9004-0
51	Controlled splitting of an atomic wave packet	Zhang, M.; Zhang, P.; Chapman, M. S.; You, L.	PHYSICAL REVIEW LETTERS	2006	97	7	70403	http://dx.doi.org/10.1103/PhysRevLett.97.070403
52	Correlated photons and collective excitations of a cyclic atomic ensemble	Li, Y; Zheng, L; Liu, YX; Sun, CP	PHYSICAL REVIEW A	2006	73	4	43805	http://dx.doi.org/10.1103/PhysRevA.73.043805
53	Correlated states of two-dimensional electrons in higher Landau levels	Yang, Shi-Jie; Tao, Zhi; Yu, Yue; Feng, Shiping	JOURNAL OF PHYSICS-CONDENSED MATTER	2006	18	49	11255-11262	http://dx.doi.org/10.1088/0953-8984/18/49/017
54	Coulomb displacement energies and shell closure	Zhu, Jian-Yu; Xu, Fu-Rong	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		84-86	
55	Critical entanglement of XXZ Heisenberg chains with defects	Zhao, J; Peschel, I; Wang, XQ	PHYSICAL REVIEW B	2006	73	2	24417	http://dx.doi.org/10.1103/PhysRevB.73.024417
56	Dark energy cosmology with a Rarita-Schwinger field	Sun, Zu-Yao; Shen, You-Gen	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2006	45	4	837-843	http://dx.doi.org/10.1007/s10773-006-9071-x
57	Dark energy: Relating the evolutions of the universe from the past to the future	Huang Zhuo-Yi; Wang Bin; Cai Rong-Gen; Su Ru-Keng	CHINESE PHYSICS LETTERS	2006	23	9	2621-2624	
58	Dark matter constraints on gaugino/Higgsino masses in split supersymmetry and their implications at colliders	Wang, F.; Wang, W.; Yang, J. M.	EUROPEAN PHYSICAL JOURNAL C	2006	46	2	521-526	http://dx.doi.org/10.1140/epjc/s2006-02522-x
59	Decay of Loschmidt echo enhanced by quantum criticality	Quan, HT; Song, Z; Liu, XF; Zanardi, P; Sun, CP	PHYSICAL REVIEW LETTERS	2006	96	14	140604	http://dx.doi.org/10.1103/PhysRevLett.96.140604
60	Deformation effects on the structures of N=7 halo nuclei	Pei, JC; Xu, FR; Stevenson, PD	NUCLEAR PHYSICS A	2006	765	1-2	29-38	http://dx.doi.org/10.1016/j.nuclphysa.2005.10.004
61	Density-dependent relativistic Hartree-Fock approach	Long, Wen-Hui; Van Giai, Nguyen; Meng, Jie	PHYSICS LETTERS B	2006	640	4	150-154	http://dx.doi.org/10.1016/j.physletb.2006.07.064
62	Difference discrete connection and curvature on cubic lattice	Wu Ke; Zhao Weizhong; Guo Hanying	SCIENCE IN CHINA SERIES A-MATHEMATICS	2006	49	11	1458-1476	http://dx.doi.org/10.1007/s11425-006-2060-y
63	Dipolar effect in coherent spin mixing of two atoms in a single optical lattice site	Sun, B.; Zhang, W. X.; Yi, S.; Chapman, M. S.; You, L.	PHYSICAL REVIEW LETTERS	2006	97	12	123201	http://dx.doi.org/10.1103/PhysRevLett.97.123201
64	Discrete total variation calculus and Lee's discrete mechanics	Chen, Jing-Bo; Guo, Han-Ying; Wu, Ke	APPLIED MATHEMATICS AND COMPUTATION	2006	177	1	226-234	http://dx.doi.org/10.1016/j.amc.2005.11.002

65	Distribution of topological defects on axisymmetric surface	Si Tie-Yan; Duan Yi-Shi	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	2	319-322	
66	Does pseudo-spin symmetry exist in the continuum?	Zhang, Shi-Sheng; Zhang, Wei; Sun, Bao-Hua; Guo, Jian-You; Zhou, Shan-Gui	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		97-99	
67	Driven translocation of a polynucleotide chain through a nanopore: A continuous time Monte Carlo study	Lam, Pui-Man; Liu, Fei; Ou-Yang, Zhong-can	PHYSICAL REVIEW E	2006	74	1	11911	http://dx.doi.org/10.1103/PhysRevE.74.011911
68	DRTF: a database of rice transcription factors	Gao, G; Zhong, YF; Guo, AY; Zhu, QH; Tang, W; Zheng, WM; Gu, XC; Wei, LP; Luo, JC	BIOINFORMATICS	2006	22	10	1286-1287	http://dx.doi.org/10.1093/bioinformatics/btl107
69	Dynamic disorder in receptor-ligand forced dissociation experiments	Liu, F; Ou-Yang, ZC; Iwamoto, M	PHYSICAL REVIEW E	2006	73	1	10901	http://dx.doi.org/10.1103/PhysRevE.73.010901
70	Dynamic model study of fusion reactions for Ca-40,Ca-48+Zr-90,Zr-96	Zhao, K; Li, ZX; Wu, XZ; Wang, N; Zhang, YX; Tian, JL; Zhang, HQ; Liu, ZH	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	1	26-31	
71	Dynamical vacuum energy, holographic quintom, and the reconstruction of scalar-field dark energy	Zhang, Xin	PHYSICAL REVIEW D	2006	74	10	103505	http://dx.doi.org/10.1103/PhysRevD.74.103505
72	Dynamically generated $0(++)$ heavy mesons in a heavy chiral unitary approach	Guo, Feng-Kun; Shen, Peng-Nian; Chiang, Huan-Ching; Ping, Rong-Gang; Zou, Bing-Song	PHYSICS LETTERS B	2006	641	3-4	278-285	http://dx.doi.org/10.1016/j.physletb.2006.08.064
73	Earth matter effects in detection of supernova neutrinos	Guo, X. -H.; Young, Bing-Lin	PHYSICAL REVIEW D	2006	73	9	93003	http://dx.doi.org/10.1103/PhysRevD.73.093003
74	Effect of rotation frequency on triaxial superdeformation in Hf-175	Li Xiao-Wei; Yu Shao-Ying	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		103-105	
75	Effects of Gaussian disorder on the dynamics of the random transverse Ising model	Liu, Zhong-Qiang; Kong, Xiang-Mu; Chen, Xiao-Song	PHYSICAL REVIEW B	2006	73	22	224412	http://dx.doi.org/10.1103/PhysRevB.73.224412
76	Effects of tensor coupling on spin-orbit splittings in the relativistic mean field theory	Lu, HF; Meng, J	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	5	412-416	
77	Elastic scattering angular dispersion of weakly bound nucleus F-17	Wang Qi; Han Jian-Long; Xiao Zhi-Gang; Xu Hu-Shan; Sun Zhi-Yu; Hu Zheng-Guo; Zhang Xue-Yin; Wang Hong-Wei; Mao Rui-Shi; Yuan Xiao-Hua; Xu Zhi-Guo; Zhao Tie-Cheng; Zhang Hong-Bin; Xu Hua-Gen; Qi Hui-Rong; Wang Yue; Jia Fei; Wu Li-Jie; Ding Xian-Li; Gao Qi; Gao Hui; Li Song-Lin; Bai Zhen; Xiao Guo-Qing; Jin Gen-Ming; Ren Zhong-Zhou; Zhou Shan-Gui; Sergey Yu-Kun	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		136-140	
78	Electromagnetic manipulation for the anti-Zeno effect in an engineered quantum tunneling process	Zhou, Lan; Hu, F. M.; Lu, Jing; Sun, C. P.	PHYSICAL REVIEW A	2006	74	3	32102	http://dx.doi.org/10.1103/PhysRevA.74.032102
79	Electron core-hole interaction and its induced ionic structural relaxation in molecular systems under x-ray irradiation	Ji, Wei; Lu, Zhong-Yi; Gao, Hongjun	PHYSICAL REVIEW LETTERS	2006	97	24	246101	http://dx.doi.org/10.1103/PhysRevLett.97.246101
80	Elliptic flow and system size dependence of transition energies at intermediate energies	Zhang, Yingxun; Li, Zhuxia	PHYSICAL REVIEW C	2006	74	1	14602	http://dx.doi.org/10.1103/PhysRevC.74.014602
81	Embedding flipped SU(5) into SO(10)	Huang, Chao-Shang; Li, Tianjun; Liu, Chun; Shock, Jonathan P.; Wu, Feng; Wu, Yue-Liang	JOURNAL OF HIGH ENERGY PHYSICS	2006		10	35	
82	Entropy function for 4-charge extremal black holes in type IIA superstring theory	Cai, Rong-Gen; Pang, Da-Wei	PHYSICAL REVIEW D	2006	74	6	64031	http://dx.doi.org/10.1103/PhysRevD.74.064031
83	Estimate of the hadronic production of the doubly charmed baryon $\Xi(cc)$ in the general-mass variable-flavor-number scheme	Chang, Chao-Hsi; Qiao, Cong-Feng; Wang, Jian-Xiong; Wu, Xing-Gang	PHYSICAL REVIEW D	2006	73	9	94022	http://dx.doi.org/10.1103/PhysRevD.73.094022
84	Evidence of s-wave pairing symmetry in the layered superconductor Li _{0.68} NbO ₂ from specific heat measurements	Liu, G. T.; Luo, J. L.; Li, Z.; Guo, Y. Q.; Wang, N. L.; Jin, D.; Xiang, T.	PHYSICAL REVIEW B	2006	74	1	12504	http://dx.doi.org/10.1103/PhysRevB.74.012504
85	Exact scaling solutions and fixed points for general scalar field	Gong, Yungui; Wang, Anzhong; Zhang, Yuan-Zhong	PHYSICS LETTERS B	2006	636	5	286-292	http://dx.doi.org/10.1016/j.physletb.2006.03.057

86	Exactly solvable model of superstring in plane-wave background with linear null dilaton	Chen, B; He, YL; Zhang, P	NUCLEAR PHYSICS B	2006	741	1-2	269-296	http://dx.doi.org/10.1016/j.nuclphysb.2006.02.019
87	Examining the chiral geometry in A similar to 100 odd-odd nuclei	Wang Shu-Yu; Zhang Shuang-Quan; Qi Bin; Meng Jie	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		169-171	
88	Exotic behavior of elastic scattering differential cross-sections of weakly bound nucleus F-17 at small angles	Han Jian-Long; Wang Qi; Xiao Zhi-Gang; Xu Hu-Shan; Sun Zhi-Yu; Hu Zheng-Guo; Zhang Xue-Yin; Wang Hong-Wei; Mao Rui-Shi; Yuan Xiao-Hua; Xu Zhi-Guo; Zhao Tie-Cheng; Zhang Hong-Bin; Xu Hua-Gen; Qi Hui-Rong; Wang Yue; Jia Fei; Wu Li-Jie; Ding Xian-Li; Gao Qi; Gao Hui; Li Song-Lin; Bai Zhen; Xiao Guo-Qing; Jin Gen-Ming; Ren Zhong-Zhou; Zhou Shan-Gui; Sergey Yu-Kun	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	11	1058-1061	
89	Exotic behaviour of angular dispersion of weakly bound nucleus F-17 at small angles	Wang Qi; Han Jian-Long; Xiao Zhi-Gang; Xu Hu-Shan; Sun Zhi-Yu; Hu Zheng-Guo; Zhang Xue-Ying; Wang Hong-Wei; Mao Rui-Shi; Yuan Xiao-Hua; Xu Zhi-Guo; Zhao Tie-Cheng; Zhang Hong-Bin; Xu Hua-Gen; Qi Hui-Rong; Wang Yue; Jia Fei; Wu Li-Jie; Ding Xian-Li; Gao Qi; Gao Hui; Li Song-Lin; Bai Zhen; Xiao Guo-Qing; Jin Gen-Ming; Ren Zhong-Zhou; Zhou Shan-Gui; Sergey Yu-Kun	CHINESE PHYSICS LETTERS	2006	23	7	1731-1733	
90	Experimental constraints on supersymmetric top-charm partner flavor mixing and implications for top-quark flavor changing neutral current processes	Cao, Junjie; Eilam, Gad; Hikasa, Ken-ichi; Yang, Jin Min	PHYSICAL REVIEW D	2006	74	3	31701	http://dx.doi.org/10.1103/PhysRevD.74.031701
91	Field-induced midgap edge excitations in quantum spin chains	Lou, JZ; Chen, CF; Wang, XQ	PHYSICAL REVIEW B	2006	73	9	92407	http://dx.doi.org/10.1103/PhysRevB.73.092407
92	Finite-temperature effects on the number fluctuation of ultracold atoms across the superfluid-to-Mott-insulator transition	Lu, Xiancong; Yu, Yue	PHYSICAL REVIEW A	2006	74	6	63615	http://dx.doi.org/10.1103/PhysRevA.74.063615
93	First-principles theory of quantum well resonance in double barrier magnetic tunnel junctions	Wang, Yan; Lu, Zhong-Yi; Zhang, X. -G.; Han, X. F.	PHYSICAL REVIEW LETTERS	2006	97	8	87210	http://dx.doi.org/10.1103/PhysRevLett.97.087210
94	First-principles theory of tunneling currents in metal-oxide-semiconductor structures	Zhang, X. -G.; Lu, Zhong-Yi; Pantelides, Sokrates T.	APPLIED PHYSICS LETTERS	2006	89	3	32112	http://dx.doi.org/10.1063/1.2234283
95	Fission barrier for Pu-240 in the quadrupole constrained relativistic mean field approach	Lu, Hong-Feng; Geng, Li-Sheng; Jie, Meng	CHINESE PHYSICS LETTERS	2006	23	11	2940-2943	
96	Flipped and unflipped SU(5) as type IIA flux vacua	Chen, Ching-Ming; Li, Tianjun; Nanopoulos, Dimitri V.	NUCLEAR PHYSICS B	2006	751	1-2	260-284	http://dx.doi.org/10.1016/j.nuclphysb.2006.06.011
97	Force modulating dynamic disorder: A physical model of catch-slip bond transitions in receptor-ligand forced dissociation experiments	Liu, Fei; Ou-Yang, Zhong-Can	PHYSICAL REVIEW E	2006	74	5	51904	http://dx.doi.org/10.1103/PhysRevE.74.051904
98	Force unfolding single RNAs	Liu, F; Tong, H; Ou-Yang, ZC	BIOPHYSICAL JOURNAL	2006	90	6	1895-1902	http://dx.doi.org/10.1529/biophysj.105.070540
99	Fourth order elastic chiral filament model and the centerline of uniform Kirchhoff elastic rod	Liu, QH; Liu, YF; Hu, B; Ou-Yang, ZC	PHYSICS LETTERS A	2006	352	4-5	358-361	http://dx.doi.org/10.1016/j.physleta.2005.12.058
100	Friedmann cosmology on codimension 2 brane with time-dependent tension	Zhang, HS; Guo, Q; Cai, RG	MODERN PHYSICS LETTERS A	2006	21	2	159-167	http://dx.doi.org/10.1142/S0217732306018706
101	Friedmann equations of FRW universe in scalar-tensor gravity, f(R) gravity and first law of thermodynamics	Akbar, M; Cai, RG	PHYSICS LETTERS B	2006	635	1	7-10	http://dx.doi.org/10.1016/j.physletb.2006.02.035
102	From fluid membranes to polymer membranes	Tu, Z. C.; Ge, L. Q.; Ou-Yang, Z. C.	THIN SOLID FILMS	2006	509	1-2	58-63	http://dx.doi.org/10.1016/j.tsf.2005.09.073
103	Giant halos in relativistic and nonrelativistic approaches	Terasaki, J.; Zhang, S. Q.; Zhou, S. G.; Meng, J.	PHYSICAL REVIEW C	2006	74	5	54318	http://dx.doi.org/10.1103/PhysRevC.74.054318
104	Gravitational lensing by wormholes	Nandi, Kamal K.; Zhang, Yuan-Zhong; Zakharov, Alexander V.	PHYSICAL REVIEW D	2006	74	2	24020	http://dx.doi.org/10.1103/PhysRevD.74.024020
105	Higgs boson mass from orbifold GUTs	Gogoladze, I; Li, TJ; Shafi, Q	PHYSICAL REVIEW D	2006	73	6	66008	http://dx.doi.org/10.1103/PhysRevD.73.066008

106	Higgs boson mass from orbifold GUTs with split supersymmetry	Gogoladze, Iliia; Li, Tianjun; Senoguz, V. N.; Shafi, Qaisar	PHYSICS LETTERS B	2006	639	3-4	332-341	http://dx.doi.org/10.1016/j.physletb.2006.06.049
107	High energy proton-proton elastic scattering in Reggeon-Pomeron exchange model	Zhou, LJ; Hu, ZH; Ma, WX	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	45	6	1069-1072	
108	High-spin states in Gd-152	Hua Hui; Wang Shuo; Meng Jie; Li Zhi-Huan; Zhang Shuang-Quan; Xu Fu-Rong; Liu Hong-Liang; Zhou Shan-Gui; Ye Yan-Lin; Jiang Dong-Xing; Zheng Tao; Mu Li-Hua; Wu Xiao-Guang; Li Guang-Sheng; Wang Quan-Jin; Chen Zhi-Qiang; Wu Cui-E; Zhang Gao-Long; Pang Dan-Yang; Wang Jia; Lou Jian-Ling; Guo Bin; Jin Ge; Wen Shu-Xian; He Chuang-Ye; Chui Xing-Zhu; Liu Ying	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		157-159	
109	Holography and D3-branes in Melvin universes	Cai, Rong-Gen; Ohta, Nobuyoshi	PHYSICAL REVIEW D	2006	73	10	106009	http://dx.doi.org/10.1103/PhysRevD.73.106009
110	Implications for new physics from $(B)\overline{b} \rightarrow \pi(0)\pi(0)$ and $B \rightarrow K(0)K\overline{b}(0)$	Cheng, Jian-Feng; Gao, Yuan-Ning; Huang, Chao-Shang; Wu, Xiao-Hong	PHYSICS LETTERS B	2006	637	4-5	260-265	http://dx.doi.org/10.1016/j.physletb.2006.04.052
111	Implications of new data in charmless B decays	Wu, Yue-Liang; Zhou, Yu-Feng; Zhuang, Ci	PHYSICAL REVIEW D	2006	74	9	94007	http://dx.doi.org/10.1103/PhysRevD.74.094007
112	In-plane substitution effect on the magnetic properties of the two-dimensional spin-gap system $\text{SrCu}_2(\text{BO}_3)_2$	Liu, GT; Luo, JL; Guo, YQ; Su, SK; Zheng, P; Wang, NL; Jin, D; Xiang, T	PHYSICAL REVIEW B	2006	73	1	14414	http://dx.doi.org/10.1103/PhysRevB.73.014414
113	Instantaneous formulation for transitions between two instantaneous bound states and its gauge invariance	Chang Chao-Hsi; Chen Jiao-Kai; Wang Guo-Li	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	3	467-480	
114	Instantons and phase transition in quantum interference	Si, TY	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	2006	39	3	637-647	http://dx.doi.org/10.1088/0305-4470/39/3/014
115	Interacting vectorlike dark energy, the first and second cosmological coincidence problems	Wei, H; Cai, RG	PHYSICAL REVIEW D	2006	73	8	83002	http://dx.doi.org/10.1103/PhysRevD.73.083002
116	Interaction broadening of Wannier functions and Mott transitions in atomic BEC	Li, Jinbin; Yu, Yue; Dudarev, Artem M.; Niu, Qian	NEW JOURNAL OF PHYSICS	2006	8		154	http://dx.doi.org/10.1088/1367-2630/8/8/154
117	Interferences in photodetachment of a negative molecular ion	Afaq, Ahmad; Du Meng-Lil	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	1	119-122	http://dx.doi.org/10.1088/0253-6102/46/1/027
118	Investigation of alpha-clustering structure in light nuclei with RMF plus SLAP method	Liu Lang; Wang Pei-Wei; Chen Hong; Meng Jie	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		227-229	
119	Isospin and a possible interpretation of the newly observed $X(1576)$	Guo, Feng-Kun; Shen, Peng-Nian	PHYSICAL REVIEW D	2006	74	9	97503	http://dx.doi.org/10.1103/PhysRevD.74.097503
120	Isospin-dependent optical potentials in Dirac-Brueckner-Hartree-Fock approach	Rong, J; Ma, ZY; Van Giai, N	PHYSICAL REVIEW C	2006	73	1	14614	http://dx.doi.org/10.1103/PhysRevC.73.014614
121	Large component QCD and theoretical framework of heavy quark effective field theory	Wu, Yue-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2006	21	28-29	5743-5792	http://dx.doi.org/10.1142/S0217751X06033064
122	Large strong phases and CP violation in the annihilation processes $(B)\overline{b} \rightarrow K^+ K^-$, $K^*(+/-) K^-/+$, $K^*(+) K^*(-)$	Su, F.; Wu, Y.-L.; Yang, Y.-D.; Zhuang, C.	EUROPEAN PHYSICAL JOURNAL C	2006	48	2	401-411	http://dx.doi.org/10.1140/epjc/s10052-006-0029-1
123	Lepton flavor violating decays as probes of neutrino mass spectra and heavy Majorana neutrino masses	Guo, Wan-lei	PHYSICAL REVIEW D	2006	74	11	113009	http://dx.doi.org/10.1103/PhysRevD.74.113009
124	Linear optical implementation of optimal unambiguous discrimination among quantum states	Lu Jing; Zhou Lan; Kuang Le-Man	CHINESE PHYSICS	2006	15	9	1941-1946	
125	Linear optical implementation of quantum clock synchronization algorithm	Wu, QQ; Zhou, L; Kuang, LM	CHINESE PHYSICS LETTERS	2006	23	2	293-296	
126	Linear sigma model and the observed enhancement in the mass spectrum of $p(\overline{p}) \rightarrow J/\psi \rightarrow \gamma p(\overline{p})$	Liu, X; Zeng, XQ; Ding, YB; Li, XQ; Shen, H; Shen, PN	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	1	1-12	
127	Liquid nuclear magnetic resonance implementation of quantum computation in subspace	Yao Xi-Wei; Xue Fei; Pang Wen-Min; Du Jiang-Feng; Zhou Xian-Yi; Han Rong-Dian	CHINESE PHYSICS LETTERS	2006	23	8	1996-1999	
128	Long-range correlations of RNA polymerase II promoter sequences across organisms	Katsaloulis, P.; Theoharis, T.; Zheng, W. M.; Hao, B. L.; Bountis, A.; Almirantis, Y.; Provata, A.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2006	366	1	308-322	http://dx.doi.org/10.1016/j.physa.2005.10.019

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130	Low-redshift cosmic baryon fluid on large scales and She-Leveque universal scaling	He, P; Liu, JR; Feng, LL; Shu, CW; Fang, LZ	PHYSICAL REVIEW LETTERS	2006	96	5	51302	http://dx.doi.org/10.1103/PhysRevLett.96.051302
131	Low-temperature magnetic and transport properties of layered Sr _x CoO ₂	Guo, Y. Q.; Luo, J. L.; Liu, G. T.; Yang, H. X.; Li, J. Q.; Wang, N. L.; Jin, D.; Xiang, T.	PHYSICAL REVIEW B	2006	74	15	155129	http://dx.doi.org/10.1103/PhysRevB.74.155129
132	Magnetic moment in relativistic mean field theory	Yao, Jiang-Ming; Mei, Hua; Meng, Jie; Chen, Hong	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		42-44	
133	Magnetization, squeezing, and entanglement in dipolar spin-1 condensates	Yi, S; Pu, H	PHYSICAL REVIEW A	2006	73	2	23602	http://dx.doi.org/10.1103/PhysRevA.73.023602
134	Mass and thermodynamics of Kaluza-Klein black holes with squashed horizons	Cai, Rong-Gen; Cao, Li-Ming; Ohta, Nobuyoshi	PHYSICS LETTERS B	2006	639	3-4	354-361	http://dx.doi.org/10.1016/j.physletb.2006.06.027
135	Masses and sigma terms of pentaquarks in chiral perturbation theory	Li Xiao-Ya; Lu Xiao-Fu	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	4	704-710	
136	Massive quasinormal modes of a Schwarzschild-de Sitter black hole with a global monopole	Chang, Jia-Feng; Shen, You-Gen	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2006	45	12	2357-2376	http://dx.doi.org/10.1007/s10773-006-9200-6
137	Maxwell's demon assisted thermodynamic cycle in superconducting quantum circuits	Quan, H. T.; Wang, Y. D.; Liu, Yuxi; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW LETTERS	2006	97	18	180402	http://dx.doi.org/10.1103/PhysRevLett.97.180402
138	Mean-field cluster potentials for various cluster decays	Xu, F. R.; Pei, J. C.	PHYSICS LETTERS B	2006	642	4	322-325	http://dx.doi.org/10.1016/j.physletb.2006.09.048
139	Mesoscopic phases and characteristics of nano-structured interfaces	Yamazaki, Y; Gleiter, H; Ou-Yang, ZC; Zhu, X; Zhang, Z; Shi, QF; Shen, DH; Lu, KQ	SURFACE AND INTERFACE ANALYSIS	2006	38	6	1068-1072	http://dx.doi.org/10.1002/sia.2341
140	Message passing for vertex covers	Weigt, Martin; Zhou, Haijun	PHYSICAL REVIEW E	2006	74	4	46110	http://dx.doi.org/10.1103/PhysRevE.74.046110
141	Mirror nuclei B-12 and N-12 in time-odd triaxial relativistic mean field theory	Chen, H.; Mei, H.; Meng, J.; Yao, J. M.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	2006	15	7	1513-1521	http://dx.doi.org/10.1142/S0218301306004983
142	Mirror nuclei N-12 and B-12 in relativistic mean field theory	Mei, Hua; Chen, Hong; Yao, Jiang-Ming; Meng, Jie	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		53-55	
143	Molecular dynamical simulations of point mutation occurring at the 198-th site of prion protein	Zhang, Yong; Qian, Jun; Wang, Peng-Ye; Ou-Yang, Zhong-Can	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	2006	3	6	964-969	http://dx.doi.org/10.1166/jctn.2006.012
144	Molecular dynamics study on the conformational transition of prion induced by the point mutation: F198S	Yong, Y; Dai, LR; Iwamoto, M; Ou-Yang, ZC	THIN SOLID FILMS	2006	499	1-2	224-228	http://dx.doi.org/10.1016/j.tsf.2005.07.008
145	Molecular vortex generated from an atom-molecule dark state	Ling, H. Y.; Yi, S.; Pu, H.; Grochowski, D. E.; Zhang, Weiping	PHYSICAL REVIEW A	2006	73	5	53612	http://dx.doi.org/10.1103/PhysRevA.73.053612
146	MSSM anatomy of the polarization puzzle in B → phi K ⁺ decays	Huang, CS; Ko, P; Wu, XH; Yang, YD	PHYSICAL REVIEW D	2006	73	3	34026	http://dx.doi.org/10.1103/PhysRevD.73.034026
147	Multi-quark components in baryons	Zou, BS	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2006	21	4	835-838	http://dx.doi.org/10.1142/S0217751X06032125
148	Net charge transfer fluctuation in quark-gluon matter and hadron matter	Zhou, Dai-Mei; Li, Xiao-Mei; Dong, Bao-Guo; Sa, Ben-Hao	PHYSICS LETTERS B	2006	638	5-6	461-463	http://dx.doi.org/10.1016/j.physletb.2006.06.023
149	Neutron skin thickness of nuclei and effective nucleon-nucleon interactions	Liu, M; Wang, N; Li, ZX; Wu, XZ	CHINESE PHYSICS LETTERS	2006	23	4	804-807	
150	New relativistic mean field interactions for light nuclei	Sun, Bao-Yuan; Meng, Jie	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		68-70	
151	NGN, QCD(2) and chiral phase transition from string theory	Gao, Yi-hong; Xu, Weishui; Zeng, Ding-fang	JOURNAL OF HIGH ENERGY PHYSICS	2006		8	18	http://dx.doi.org/10.1088/1126-6708/2006/08/018
152	Noncanonical MSSM, unification, and new particles at the CERN LHC	Gogoladze, Iliia; Li, Tianjun; Senoguz, V. N.; Shafi, Qaisar	PHYSICAL REVIEW D	2006	74	12	126006	http://dx.doi.org/10.1103/PhysRevD.74.126006
153	Noncommutative Kachru-Kalosh-Linde-Maldacena-McAllister-Trivedi model	Huang, Qing-Guo	PHYSICAL REVIEW D	2006	74	6	63513	http://dx.doi.org/10.1103/PhysRevD.74.063513
154	Non-Gaussianity in KKLMMT model	Huang, QG; Ke, K	PHYSICS LETTERS B	2006	633	4-5	447-452	http://dx.doi.org/10.1016/j.physletb.2005.12.038

155	Non-minimal inflation and the running spectral index	Li, Miao	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2006		10	3	http://dx.doi.org/10.1088/1475-7516/2006/10/003
156	Nuclear effects in deep inelastic scattering of charged-current neutrino off nuclear target	Duan, C.-G.; Li, G.-L.; Shen, P.-N.	EUROPEAN PHYSICAL JOURNAL C	2006	48	1	125-133	http://dx.doi.org/10.1140/epjc/s2006-02611-x
157	Nuclear symmetry energy in relativistic mean field theory	Ban, SF; Meng, J; Satula, W; Wyss, RA	PHYSICS LETTERS B	2006	633	2-3	231-236	http://dx.doi.org/10.1016/j.physletb.2005.11.077
158	Octupole deformation in even-even Rn-Th nuclei	Wu, Zhe-Ying; Xu, Fu-Rong	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		78-80	
159	On applying the shell theory to single layer graphitic structures	Tu, Z. C.; Ou-Yang, Z. C.	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	2006	3	3	375-377	http://dx.doi.org/10.1166/jctn.2006.3017
160	On curvature coupling and quintessence fine-tuning	Gong, Yungui; Wang, Anzhong; Zhang, Yuan-Zhong	EUROPHYSICS LETTERS	2006	74	5	930-936	http://dx.doi.org/10.1209/epl/i2005-10590-3
161	On the physical contents of the light-cone QCD effective Hamiltonian on meson sector	Wang Shun-Jin; Li Lei; Zhou Shan-Gui; Zhang Guang-Biao	CHINESE PHYSICS LETTERS	2006	23	6	1426-1429	
162	On transverse-momentum dependent light-cone wave functions of light mesons	Ma, J. P.; Wang, Q.	PHYSICS LETTERS B	2006	642	3	232-237	http://dx.doi.org/10.1016/j.physletb.2006.09.029
163	One conjecture and two observations on de Sitter space	Huang, QG; Ke, K; Li, M	JOURNAL OF HIGH ENERGY PHYSICS	2006		2	45	
164	Optical properties of two-dimensional negative-phase-velocity-medium photonic crystals	Zeng, Yong; Fu, Ying; Chen, Xiaoshuang; Lu, Wei; Agren, Hans	PHYSICAL REVIEW E	2006	73	6	66625	http://dx.doi.org/10.1103/PhysRevE.73.066625
165	Parametrization of k-essence and its kinetic term	Li, Hui; Guo, Zong-Kuan; Zhang, Yan-Zhong	MODERN PHYSICS LETTERS A	2006	21	21	1683-1689	http://dx.doi.org/10.1142/S0217732306019475
166	Particle transfer and fusion cross-section for super-heavy nuclei in dinuclear system	Li, Wenfei; Wang, Nan; Jia, Fei; Xu, Hushan; Zuo, Wei; Li, Qingfeng; Zhao, Enguang; Li, Junqing; Scheid, W.	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2006	32	8	1143-1155	http://dx.doi.org/10.1088/0954-3889/32/8/006
167	Pattern formation of indirect excitons in coupled quantum wells	Liu, C. S.; Luo, H. G.; Wu, W. C.	JOURNAL OF PHYSICS-CONDENSED MATTER	2006	18	42	9659-9668	http://dx.doi.org/10.1088/0953-8984/18/42/012
168	Photodetachment of H- in a static electric field - Arbitrary laser polarization direction	Du, ML	EUROPEAN PHYSICAL JOURNAL D	2006	38	3	533-536	http://dx.doi.org/10.1140/epjd/e2006-00042-2
169	Polar molecule dominated electrorheological effect	Lu Kun-Quan; Shen Rong; Wang Xue-Zhao; Sun Gang; Wen Wei-Jia; Liu Ji-Xing	CHINESE PHYSICS	2006	15	11	2476-2480	
170	Possible existence of multiple chiral doublets in Rh-106	Meng, J; Peng, J; Zhang, SQ; Zhou, SG	PHYSICAL REVIEW C	2006	73	3	37303	http://dx.doi.org/10.1103/PhysRevC.73.037303
171	Probing tiny motions of nanomechanical resonators: Classical or quantum mechanical?	Wei, L. F.; Liu, Yu-xi; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW LETTERS	2006	97	23	237201	http://dx.doi.org/10.1103/PhysRevLett.97.237201
172	Production and decay of the meson B-c	Chang, CH	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2006	21	4	777-784	http://dx.doi.org/10.1142/S0217751X06032022
173	Propagation of light in an ensemble of tripod level atoms	Li Yong	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	1	135-140	
174	Properties of Sn isotopes in the self-consistent RMF+SLAP for pairing correlations	Liu, L; Meng, J; Zhang, SQ	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	4	299-305	
175	Properties of the diffuse X-ray background in a high-resolution hydrodynamical simulation	Roncarelli, M; Moscardini, L; Tozzi, P; Borgani, S; Cheng, LM; Diaferio, A; Dolag, K; Murante, G	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2006	368	1	74-84	http://dx.doi.org/10.1111/j.1365-2966.2006.10102.x
176	Pseudo-spin symmetry in density-dependent relativistic Hartree-Fock theory	Long, Wen Hui; Sagawa, Hiroyuki; Meng, Jie; Van Giai, Nguyen	PHYSICS LETTERS B	2006	639	3-4	242-247	http://dx.doi.org/10.1016/j.physletb.2006.05.065
177	Quantum control limited by quantum decoherence	Xue, F; Yu, SX; Sun, CP	PHYSICAL REVIEW A	2006	73	1	13403	http://dx.doi.org/10.1103/PhysRevA.73.013403
178	Quantum criticality in a generalized Dicke model	Li, Yong; Wang, Z. D.; Sun, C. P.	PHYSICAL REVIEW A	2006	74	2	23815	http://dx.doi.org/10.1103/PhysRevA.74.023815
179	Quantum information cannot be split into complementary parts	Zhou, DL; Zeng, B; You, L	PHYSICS LETTERS A	2006	352	1-2	41-44	http://dx.doi.org/10.1016/j.physleta.2005.11.041
180	Quantum state reconstruction of many body system based on complete set of quantum correlations	Liu, X. F.; Sun, C. P.	LETTERS IN MATHEMATICAL PHYSICS	2006	77	1	31-39	http://dx.doi.org/10.1007/s11005-006-0056-8
181	Quantum state swapping via a qubit network with Hubbard interactions	Yang, S.; Song, Z.; Sun, C. P.	PHYSICAL REVIEW B	2006	73	19	195122	http://dx.doi.org/10.1103/PhysRevB.73.195122
182	Quantum transducers: Integrating transmission lines and nanomechanical resonators via charge qubits	Sun, CP; Wei, LF; Liu, YX; Nori, F	PHYSICAL REVIEW A	2006	73	2	22318	http://dx.doi.org/10.1103/PhysRevA.73.022318

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212	Spin transport properties in Heisenberg antiferromagnetic spin chains: Spin current induced by twisted boundary magnetic fields	Zhuo, Wei; Wang, Xiaoqun; Wang, Yupeng	PHYSICAL REVIEW B	2006	73	21	212413	http://dx.doi.org/10.1103/PhysRevB.73.212413
213	Spin-charge gauge symmetry: A way to tackle HTS cuprates?	Marchetti, PA; Su, ZB; Yu, L	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2006	67	1-3	450-452	http://dx.doi.org/10.1016/j.jpcs.2005.10.006
214	Spin-quadrupole ordering of spin-3/2 ultracold fermionic atoms in optical lattices in the one-band Hubbard model	Tu, Hong-Hao; Zhang, Guang-Ming; Yu, Lu	PHYSICAL REVIEW B	2006	74	17	174404	http://dx.doi.org/10.1103/PhysRevB.74.174404
215	Split two-Higgs-doublet model and neutrino condensation	Wang, F.; Wang, W.; Yang, J. M.	EUROPHYSICS LETTERS	2006	76	3	388-394	http://dx.doi.org/10.1209/epl/2006-10293-3
216	Spontaneous spin textures in dipolar spinor condensates	Yi, S.; Pu, H.	PHYSICAL REVIEW LETTERS	2006	97	2	20401	http://dx.doi.org/10.1103/PhysRevLett.97.020401
217	Spontaneously broken rotational symmetry in nuclear structure: Some new theoretical aspects	Chen, Yong-Shou; Gao, Zao-Chun	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30		14-19	
218	Spurious shell closures in the relativistic mean field model	Geng, LS; Meng, J; Hiroshi, T; Long, WH; Shen, G	CHINESE PHYSICS LETTERS	2006	23	5	1139-1141	
219	Standard-like model building on type II orientifolds	Chen, CM; Li, TJ; Nanopoulos, DV	NUCLEAR PHYSICS B	2006	732	1-2	224-242	http://dx.doi.org/10.1016/j.nuclphysb.2005.10.031
220	Study of $K(K)\bar{K}$ over-bar strong interaction bound state and $K+K^-$ atomic state	Zhang, YJ; Shen, PN; Zou, BS	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	3	212-216	
221	Study of parity doublets in odd-A nuclei	He, X. T.; Zhao, E. G.; Scheid, W.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2006	15	8	1823-1832	http://dx.doi.org/10.1142/S0218301306005332
222	Study of strange quark mass in CFL phase	Li Xin; Lu Xiao-Fu	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	5	905-908	
223	Study of triaxial superdeformation in Hf-168	An Guang-Peng; Yu Shao-Ying; Shen Cai-Wan; Chen Yong-Shou	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	7	625-627	
224	Study of vacuum structure by low-lying eigenmodes of overlap-Dirac operator	Wang Zi-Qing; Li Xiao-Fu; Wang Fan	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	3	521-526	
225	Study on dynamic fusion barrier in heavy-ion fusion reactions	Tian, JL; Wu, XZ; Li, ZX	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	5	428-434	
226	Super-acceleration on the brane through energy flow from the bulk	Cai, RG; Gong, YG; Wang, B	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2006		3	6	http://dx.doi.org/10.1088/1475-7516/2006/03/006
227	Suppression of nuclear Drell-Yan ratios due to energy loss effect	Duan Chun-Gui; Wang Shuo-He; Shen Peng-Nian; Li Guang-Lie	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	8	714-717	
228	Surface freezing in normal alkanes: A statistical physics approach	Zhang, Yong; Ou-Yang, Zhong-can; Iwamoto, Mitsumasa	JOURNAL OF CHEMICAL PHYSICS	2006	124	21	214906	http://dx.doi.org/10.1063/1.2204036
229	SUSY QCD residual effects in $pp \rightarrow b\bar{b}$ process	Jia, Y; Du, LL; Zhang, YM; Gao, GP	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	6	507-512	
230	Symmetry restrictions in the chirality dependence of physical properties of single-wall nanotubes	Ye, F; Wang, BS; Su, ZB	PHYSICAL REVIEW B	2006	73	15	155424	http://dx.doi.org/10.1103/PhysRevB.73.155424
231	Systematics in the X-ray cluster mass estimators	Rasia, E.; Etori, S.; Moscardini, L.; Mazzotta, P.; Borgani, S.; Dolag, K.; Tormen, G.; Cheng, L. M.; Diaferio, A.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2006	369	4	2013-2024	http://dx.doi.org/10.1111/j.1365-2966.2006.10466.x
232	Teleportation, braid group and Temperley-Lieb algebra	Zhang, Yong	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	2006	39	37	11599-11622	http://dx.doi.org/10.1088/0305-4470/39/37/017
233	Test of spin symmetry in anti-nucleon spectra	He, X. T.; Zhou, S. G.; Meng, J.; Zhao, E. G.; Scheid, W.	EUROPEAN PHYSICAL JOURNAL A	2006	28	3	265-269	http://dx.doi.org/10.1140/epja/i2006-10066-0
234	The chiral quark condensate and the bag constant with finite chemical potential	Zong, Hong-Shi; Ping, Jia-Lun; Sun, Wei-Min; Wang, Fan; Chang, Chao-Hsi	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2006	21	16	3387-3399	http://dx.doi.org/10.1142/S0217751X06031302
235	The quantum spectra analysis of the circular billiards in wells	Zhang, YH; Zhang, LQ; Xu, XY; Ge, MH; Lin, SL; Du, ML	CHINESE PHYSICS	2006	15	3	502-506	
236	The rational parts of one-loop QCD amplitudes I: The general formalism	Xiao, Zhi-Guang; Yang, Gang; Zhu, Chuan-Jie	NUCLEAR PHYSICS B	2006	758	1-2	1-34	http://dx.doi.org/10.1016/j.nuclphysb.2006.09.008

237	The rational parts of one-loop QCD amplitudes II: The five-gluon case	Su, Xun; Xiao, Zhi-Guang; Yang, Gang; Zhu, Chuan-Jie	NUCLEAR PHYSICS B	2006	758	1-2	35-52	http://dx.doi.org/10.1016/j.nuclphysb.2006.09.007
238	The rational parts of one-loop QCD amplitudes III: The six-gluon case	Xiao, Zhi-Guang; Yang, Gang; Zhu, Chuan-Jie	NUCLEAR PHYSICS B	2006	758	1-2	53-89	http://dx.doi.org/10.1016/j.nuclphysb.2006.09.006
239	The stability and the shape of the heaviest nuclei	Geng, LS; Toki, H; Zhao, EG	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2006	32	4	573-582	http://dx.doi.org/10.1088/0954-3899/32/4/013
240	Theoretical prediction of differential cross sections for reaction $pp \rightarrow pK^{*+} \Lambda$ in a resonance model	Liu Bo-Chao; Zou Bing-Song	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	3	501-506	
241	Theoretical study on negative parity states of Au-191, Au-193, Au-195, Au-197 in particle triaxial-rotor model	Chen Guo-Jie; Liu Yu-Xin; Cao Hui; Song Hui-Chao	CHINESE PHYSICS LETTERS	2006	23	8	2042-2045	
242	Thermal tachyon cosmology	Piao, Yun-Song; Zhang, Yuan-Zhong	PHYSICS LETTERS B	2006	639	5	411-413	http://dx.doi.org/10.1016/j.physletb.2006.07.010
243	Theta(+) with double Y-ansatz confining potential	Zhao, HM; Zeng, ZQ; Shen, PN; Ding, YB; Li, XQ	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	5	405-411	
244	Three flavour QCD from the holographic principle	Shock, Jonathan P.; Wu, Feng	JOURNAL OF HIGH ENERGY PHYSICS	2006		8	23	
245	Threshold resummation for Higgs production in effective field theory	Idilbi, A; Ji, XD; Ma, JP; Yuan, F	PHYSICAL REVIEW D	2006	73	7	77501	http://dx.doi.org/10.1103/PhysRevD.73.077501
246	Time-odd component and its influence on the properties of Ca-41	Yao Jiang-Ming; Meng Jie; Peng Jing	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2006	30	8	750-754	
247	Time-odd triaxial relativistic mean field approach for nuclear magnetic moments	Yao, J. M.; Chen, H.; Meng, J.	PHYSICAL REVIEW C	2006	74	2	24307	http://dx.doi.org/10.1103/PhysRevC.74.024307
248	To what extent does the self-consistent mean-field exist?	Guo, L; Sakata, F; Zhao, EG; Maruhn, JA	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	2006	15	5	1141-1148	http://dx.doi.org/10.1142/S0218301306004739
249	Topological solitons and Bloch oscillations in Bose-Einstein condensate	Si, Tietyan	ANNALS OF PHYSICS	2006	321	11	2535-2544	http://dx.doi.org/10.1016/j.aop.2006.03.004
250	Toward a deformed relativistic Hartree Bogoliubov model for exotic nuclei	Zhou, Shan-Gui; Meng, Jie; Ring, Peter	NUCLEAR PHYSICS TRENDS	2006	865		90-+	
251	Transfer-matrix renormalization group study of spin ladders with cyclic four-spin interactions	Lu, H. T.; Sun, L. Q.; Qin, Shaojin; Wang, Y. J.	PHYSICAL REVIEW B	2006	74	22	224447	http://dx.doi.org/10.1103/PhysRevB.74.224447
252	Transverse momentum dependent factorization for radiative leptonic decay of B-meson	Ma, JP; Wang, Q	JOURNAL OF HIGH ENERGY PHYSICS	2006		1	67	
253	Transverse vector vertex function and transverse Ward-Takahashi relations in QED	He Han-Xin	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	1	109-112	
254	TreeFam: a curated database of phylogenetic trees of animal gene families	Li, Heng; Coghlan, Avril; Ruan, Jue; Coin, Lachlan James; Heriche, Jean-Karim; Osmotherly, Lara; Li, Ruiqiang; Liu, Tao; Zhang, Zhang; Bolund, Lars; Wong, Gane Ka-Shu; Zheng, Weimou; Dehal, Paramvir; Wang, Jun; Durbin, Richard	NUCLEIC ACIDS RESEARCH	2006	34		D572-D580	http://dx.doi.org/10.1093/nar/gkj118
255	Triality and dual equivalence between Dirac field and topologically massive gauge field	Liu Yu-Fen	COMMUNICATIONS IN THEORETICAL PHYSICS	2006	46	3	481-492	
256	Twisted boundary states and representation of generalized fusion algebra	Ishikawa, H; Tani, T	NUCLEAR PHYSICS B	2006	739	3	328-388	http://dx.doi.org/10.1016/j.nuclphysb.2006.01.031
257	Two-band model of Raman scattering on electron-doped high-T-c superconductors	Liu, C. S.; Luo, H. G.; Wu, W. C.; Xiang, T.	PHYSICAL REVIEW B	2006	73	17	174517	http://dx.doi.org/10.1103/PhysRevB.73.174517
258	Two-field quintom models in the w-w' plane	Guo, Zong-Kuan; Piao, Yun-Song; Zhang, Xinmin; Zhang, Yuan-Zhong	PHYSICAL REVIEW D	2006	74	12	127304	http://dx.doi.org/10.1103/PhysRevD.74.127304
259	Type IIA Pati-Salam flux vacua	Chen, CM; Li, TJ; Nanopoulos, DV	NUCLEAR PHYSICS B	2006	740	1-2	79-104	http://dx.doi.org/10.1016/j.nuclphysb.2006.01.039
260	Universal characteristics and function-control of nanostructured materials	Yamazaki, Yoshitake; Ou-Yang, Zhong-can; Iwamoto, Mitsumasa; Gleiter, Herbert; Zhu, Xing; Zhang, Zhaohui; Shi, Qingfan; Shen, Dianhong; Lu, Kunquan	THIN SOLID FILMS	2006	509	1-2	3-12	http://dx.doi.org/10.1016/j.tsf.2005.09.007
261	Universal scaling behavior of the c-axis resistivity of high-temperature superconductors	Su, YH; Luo, HG; Xiang, T	PHYSICAL REVIEW B	2006	73	13	134510	http://dx.doi.org/10.1103/PhysRevB.73.134510

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263	Vortex structures in dipolar condensates	Yi, S.; Pu, H.	PHYSICAL REVIEW A	2006	73	6	61602	http://dx.doi.org/10.1103/PhysRevA.73.061602
264	Wave-packet transmission of Bloch electrons manipulated by magnetic field	Yang, S; Song, Z; Sun, CP	PHYSICAL REVIEW A	2006	73	2	22317	http://dx.doi.org/10.1103/PhysRevA.73.022317
265	Weak gravity conjecture for noncommutative field theory	Huang, Qing-Guo; She, Jian-Huang	JOURNAL OF HIGH ENERGY PHYSICS	2006		12	14	
266	Weak gravity conjecture in the asymptotical dS and AdS background	Huang, Qing-Guo; Li, Miao; Song, Wei	JOURNAL OF HIGH ENERGY PHYSICS	2006		10	59	
267	Winding string condensation and noncommutative deformation of a spacelike singularity	She, Jian-Huang	PHYSICAL REVIEW D	2006	74	4	46005	http://dx.doi.org/10.1103/PhysRevD.74.046005
268	X-ray emission of baryonic gas in the universe: Luminosity-temperature relationship and soft-band background	Zhang, TJ; Liu, JR; Feng, LL; He, P; Fang, LZ	ASTROPHYSICAL JOURNAL	2006	642	2	625-635	http://dx.doi.org/10.1086/501120
269	Zigzag spin chains with antiferromagnetic-ferromagnetic interactions: Transfer-matrix renormalization group study	Lu, H. T.; Wang, Y. J.; Qin, Shaojin; Xiang, T.	PHYSICAL REVIEW B	2006	74	13	134425	http://dx.doi.org/10.1103/PhysRevB.74.134425
270	ZZ brane decay in D dimensions	He, Ya-Li; Zhang, Peng	JOURNAL OF HIGH ENERGY PHYSICS	2006		11	14	