

SCI Papers of ITP in 2007

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	A cross-species alignment tool (CAT)	Li, Heng; Guan, Liang; Liu, Tao; Guo, Yiran; Zheng, Wei-Mou; Wong, Gan Ka-Shu; Wang, Jun	BMC BIOINFORMATICS	2007	8		349	http://dx.doi.org/10.1186/1471-2105-8-349
2	A dark energy model characterized by the age of the universe	Cai, Rong-Gen	PHYSICS LETTERS B	2007	657	4-5	228-231	http://dx.doi.org/10.1016/j.physletb.2007.09.061
3	A light-cone QCD inspired Meson model with a relativistic confining potential in momentum space	Li Lei; Wang Shun-Jin; Zhou Shan-Gui; Zhang Guang-Biao	CHINESE PHYSICS LETTERS	2007	24	2	374-377	
4	A stochastic measure for eternal inflation	Li, Miao; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2007		8	7	http://dx.doi.org/10.1088/1475-7516/2007/08/007
5	A theoretical imaging method for the photodetachment of H- near a reflecting surface	Afaq, A.; Du, M. L.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2007	40	6	1309-1321	http://dx.doi.org/10.1088/0953-4075/40/6/020
6	A three-flavor AdS/QCD model with a back-reacted geometry	Wu, Yue-Liang; Xie, Zhi-Feng	JOURNAL OF HIGH ENERGY PHYSICS	2007		10	9	http://dx.doi.org/10.1088/1126-6708/2007/10/009
7	A weak gravity conjecture for scalar field theories	Li, Miao; Song, Wei; Song, Yushu; Wang, Tower	JOURNAL OF HIGH ENERGY PHYSICS	2007		5	26	http://dx.doi.org/10.1088/1126-6708/2007/05/026
8	Activity patterns on random scale-free networks: global dynamics arising from local majority rules	Zhou, Haijun; Lipowsky, Reinhard	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2007			P01009	http://dx.doi.org/10.1088/1742-5648/2007/01/P01009
9	AdS/CFT with flavour in electric and magnetic Kalb-Ramond fields	Erdmenger, Johanna; Meyer, Rene; Shock, Jonathan P.	JOURNAL OF HIGH ENERGY PHYSICS	2007		12	91	http://dx.doi.org/10.1088/1126-6708/2007/12/091
10	AdS/QCD phenomenological models from a back-reacted geometry	Shock, Jonathan P.; Wu, Feng; Wu, Yue-Liang; Xie, Zhi-Feng	JOURNAL OF HIGH ENERGY PHYSICS	2007		3	64	http://dx.doi.org/10.1088/1126-6708/2007/03/064
11	alpha-decay calculations of heavy and superheavy nuclei using effective mean-field potentials	Pei, J. C.; Xu, F. R.; Lin, Z. J.; Zhao, E. G.	PHYSICAL REVIEW C	2007	76	4	44326	http://dx.doi.org/10.1103/PhysRevC.76.044326
12	An accelerating universe emergent from the landscape	She, Jian-Huang	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2007		2	21	http://dx.doi.org/10.1088/1475-7516/2007/02/021
13	An effective formulation to solve nuclear many-body problems	Sun Bao-Xi; Lue Xiao-Fu; Shen Peng-Nian; Zhao En-Guang	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2007	31	10	913-921	
14	An exotic approach to hadron physics	Bando, Masako; Fukase, Yoko; Shock, Jonathan; Sugamoto, Akio; Terunuma, Sachiko	PROGRESS OF THEORETICAL PHYSICS SUPPLEMENT	2007		168	223-230	http://dx.doi.org/10.1143/PTPS.168.223
15	Analogue of cavity quantum electrodynamics for coupling between spin and a nanomechanical resonator: Dynamic squeezing and coherent manipulations	Xue, Fei; Zhong, Ling; Li, Yong; Sun, C. P.	PHYSICAL REVIEW B	2007	75	3	33407	http://dx.doi.org/10.1103/PhysRevB.75.033407
16	Analysis of intermediate energy proton-induced spallation reactions by an improved quantum molecular dynamics plus statistical decay model	Ou, Li; Zhang, Yingxun; Tian, Junlong; Li, Zhuxia	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2007	34	5	827-836	http://dx.doi.org/10.1088/0954-3899/34/5/004
17	Angular dispersion and deflection function for heavy ion elastic scattering	Bai Zhen; 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; 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; Li Jun-Qing; Zhang Ya-Peng; Xiao Guo-Qing; Jin Gen-Ming; Ren Zhong-Zhou; Zhou Shan-Gui; Xu Wang; Fan Gong-Tao; Zhang Shuang-Quan; Pang Dan-Yang; Sergey Yu-Kun	CHINESE PHYSICS LETTERS	2007	24	12	3384-3387	
18	Angular momentum of a magnetically trapped atomic condensate	Zhang, P.; Jen, H. H.; Sun, C. P.; You, L.	PHYSICAL REVIEW LETTERS	2007	98	3	30403	http://dx.doi.org/10.1103/PhysRevLett.98.030403
19	Application of density dependent parametrization models to asymmetric nuclear matter	Liu, B.; Di Toro, M.; Greco, V.; Shen, C. W.; Zhao, E. G.; Sun, B. X.	PHYSICAL REVIEW C	2007	75	4	48801	http://dx.doi.org/10.1103/PhysRevC.75.048801
20	Atmospheric neutrino mixing and b -> s transitions: Testing lopsided SO(10) flavor structure in B physics	Ji, Xiangdong; Li, Yingchuan; Zhang, Yue	PHYSICAL REVIEW D	2007	75	5	55016	http://dx.doi.org/10.1103/PhysRevD.75.055016
21	Binding energy differences of mirror nuclei in a time-odd triaxial relativistic mean field approach	Chen, H.; Mei, H.; Meng, J.; Yao, J. M.	PHYSICAL REVIEW C	2007	76	4	44325	http://dx.doi.org/10.1103/PhysRevC.76.044325
22	Calculation of triaxial superdeformation in Hf-174	ShaoYing, Yu; XiaoWei, Li; CaiWan, Shen; YongShoua, Chen	SCIENCE IN CHINA SERIES G-PHYSICS MECHANICS & ASTRONOMY	2007	50	5	553-557	http://dx.doi.org/10.1007/s11433-007-0033-y
23	Cheng-Weyl vector field and its cosmological application	Wei, Hao; Cai, Rong-Gen	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2007		9	15	http://dx.doi.org/10.1088/1475-7516/2007/09/015

24	Chiral bands for a quasi-proton and quasi-neutron coupled with a triaxial rotor	Zhang, S. Q.; Qi, B.; Wang, S. Y.; Meng, J.	PHYSICAL REVIEW C	2007	75	4	44307	http://dx.doi.org/10.1103/PhysRevC.75.044307
25	Coherent control of photon transmission: Slowing light in a coupled resonator waveguide doped with Lambda atoms	Zhou, Lan; Lu, Jing; Sun, C. P.	PHYSICAL REVIEW A	2007	76	1	12313	http://dx.doi.org/10.1103/PhysRevA.76.012313
26	Comment on Chiral suppression of scalar-gluon decay	Chao, Kuang-Ta; He, Xiao-Gang; Ma, Jian-Ping	PHYSICAL REVIEW LETTERS	2007	98	14	149103	http://dx.doi.org/10.1103/PhysRevLett.98.149103
27	Comment on Photodetachment of H- in a static electric field near an elastic wall	Zhao, H. J.; Du, M. L.	PHYSICAL REVIEW A	2007	76	1	17401	http://dx.doi.org/10.1103/PhysRevA.76.017401
28	Constrained relativistic mean-field approach with fixed configurations	Lu, H. F.; Geng, L. S.; Meng, J.	EUROPEAN PHYSICAL JOURNAL A	2007	31	3	273-278	http://dx.doi.org/10.1140/epja/i2006-10224-4
29	Constraints on holographic dark energy from the latest supernovae, galaxy clustering, and cosmic microwave background anisotropy observations	Zhang, Xin; Wu, Feng-Quan	PHYSICAL REVIEW D	2007	76	2	23502	http://dx.doi.org/10.1103/PhysRevD.76.023502
30	Constraints on the anomalous tensor operators from B -> phi K*, eta K* and eta K decays	Chang, Qin; Li, Xin-Qiang; Yang, Ya-Dong	JOURNAL OF HIGH ENERGY PHYSICS	2007		6	38	http://dx.doi.org/10.1088/1126-6708/2007/06/038
31	Control of photon propagation via electromagnetically induced transparency in lossless media	He, Liang; Liu, Yu-xi; Yi, S.; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW A	2007	75	6	63818	http://dx.doi.org/10.1103/PhysRevA.75.063818
32	Controllable coupling between flux qubit and nanomechanical resonator by magnetic field	Xue, Fei; Wang, Y. D.; Sun, C. P.; Okamoto, H.; Yamaguchi, H.; Semba, K.	NEW JOURNAL OF PHYSICS	2007	9		35	http://dx.doi.org/10.1088/1367-2630/9/2/035
33	Correspondence between oscillations and emitted photon closed-orbits in spontaneous emission rate of an atom near a dielectric slab	Yun Su-Jun; Natang Fu-He; Zhou Yun-Song; Du Meng-Li	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	47	5	887-891	
34	Cosmology with a variable Chaplygin gas	Guo, Zong-Kuan; Zhang, Yuan-Zhong	PHYSICS LETTERS B	2007	645	4	326-329	http://dx.doi.org/10.1016/j.physletb.2006.12.063
35	Coupled cavity QED for coherent control of photon transmission: Green-function approach for hybrid systems with two-level doping	Hu, F. M.; Zhou, Lan; Shi, Tao; Sun, C. P.	PHYSICAL REVIEW A	2007	76	1	13819	http://dx.doi.org/10.1103/PhysRevA.76.013819
36	Cyclic heating-annealing and Boltzmann distribution of free energies in a spin-glass system	Zhou Hai-Jun	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	48	1	179-182	
37	D-0 non-strange 0(+) heavy mesons have molecular structure in the heavy chiral unitary approach	Shen Peng-Nian; Guo Feng-Kun; Jiang Huan-Qing; Zou Bing-Song	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2007	31	9	870-873	
38	Dark energy and the future fate of the Universe	Gong, Yungui; Zhang, Yuan-Zhong	MODERN PHYSICS LETTERS A	2007	22	35	2689-2699	http://dx.doi.org/10.1142/S021773230702292X
39	De Sitter invariant special relativity	Huang, C.-G.; Guo, H.-Y.	GRAVITATION AND ASTROPHYSICS: ON THE OCCASION OF THE 90TH YEAR OF GENERAL RELATIVITY	2007			260-268	http://dx.doi.org/10.1142/9789812772923_0031
40	Decomposition and reconstruction of protein sequences: The problem of uniqueness and factorizable language	Shi, Xiaoli; Xie, Huimin; Zhang, Shuyu; Hao, Bailin	JOURNAL OF THE KOREAN PHYSICAL SOCIETY	2007	50	1	118-123	
41	Deconfinement transition of AdS/QCD at O(alpha(3))	Cai, Rong-Gen; Ohta, Nobuyoshi	PHYSICAL REVIEW D	2007	76	10	106001	http://dx.doi.org/10.1103/PhysRevD.76.106001
42	Deep connection between thermodynamics and gravity in Gauss-Bonnet braneworlds	Sheykhi, Ahmad; Wang, Bin; Cai, Rong-Gen	PHYSICAL REVIEW D	2007	76	2	23515	http://dx.doi.org/10.1103/PhysRevD.76.023515
43	Deflection of slow light by magneto-optically controlled atomic media	Zhou, D. L.; Zhou, Lan; Wang, R. Q.; Yi, S.; Sun, C. P.	PHYSICAL REVIEW A	2007	76	5	55801	http://dx.doi.org/10.1103/PhysRevA.76.055801
44	Density distributions of ultracold fermionic gases under a nonuniform gradient magnetic field	Lv, Dong-Yan; Kong, Xiang-Mu	PHYSICAL REVIEW A	2007	76	5	55602	http://dx.doi.org/10.1103/PhysRevA.76.055602
45	Detection mechanism for quantum phase transition in superconducting qubit array	Wang, Ying-Dan; Xue, Fei; Song, Zhi; Sun, Chang-Pu	PHYSICAL REVIEW B	2007	76	17	174519	http://dx.doi.org/10.1103/PhysRevB.76.174519
46	Determination of the eta and eta ' mixing angle from the pseudoscalar transition form factors	Huang, Tao; Wu, Xing-Gang	EUROPEAN PHYSICAL JOURNAL C	2007	50	4	771-779	http://dx.doi.org/10.1140/epjc/s10052-007-0245-3
47	Direct evidence of acceleration from a distance modulus-redshift graph	Gong, Yungui; Wang, Anzhong; Wu, Qiang; Zhang, Yuan-Zhong	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2007		8	18	http://dx.doi.org/10.1088/1475-7516/2007/08/018
48	Direct photon production in p+p and Au+Au collisions at root s(NN)=200 GeV in the PACIAE model	Li, Xiao-Mei; Li, Shou-Ping; Hu, Shou-Yang; Zhou, Dai-Mei; Tan, Zhi-Guang; Zhou, Feng; Sa, Ben-Hao	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2007	34	8	S873-S878	http://dx.doi.org/10.1088/0954-3899/34/8/S116
49	Disentanglement in a quantum-critical environment	Sun, Zhe; Wang, Xiaoguang; Sun, C. P.	PHYSICAL REVIEW A	2007	75	6	62312	http://dx.doi.org/10.1103/PhysRevA.75.062312
50	DNA as active polymer: long-range allosteric effect and chromatin loop structure	Li, Ming; Ou-Yang, Zhong-Can	COMPUTER PHYSICS COMMUNICATIONS	2007	177	1-2	176-179	http://dx.doi.org/10.1016/j.cpc.2007.02.018
51	DNA conduction	Mu, Weihua; Ou-Yang, Zhong-Can	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	2007	4	3	518-520	http://dx.doi.org/10.1166/jctn.2007.2336

52	Doublet bands in Cs-126 in the triaxial rotor model coupled with two quasiparticles	Wang, S. Y.; Zhang, S. Q.; Qi, B.; Meng, J.	PHYSICAL REVIEW C	2007	75	2	24309	http://dx.doi.org/10.1103/PhysRevC.75.024309
53	Dynamically generated 1(+) heavy mesons	Guo, Feng-Kun; Shen, Peng-Nian; Chiang, Huan-Ching	PHYSICS LETTERS B	2007	647	2-3	133-139	http://dx.doi.org/10.1016/j.physletb.2007.01.050
54	Dynamics of edge Majorana fermions in $\nu=5/2$ fractional quantum Hall effects	Yu, Yue	JOURNAL OF PHYSICS-CONDENSED MATTER	2007	19	46	466213	http://dx.doi.org/10.1088/0953-8984/19/46/466213
55	Edge solitons of topological insulators and fractionalized quasiparticles in two dimensions	Lee, Dung-Hai; Zhang, Guang-Ming; Xiang, Tao	PHYSICAL REVIEW LETTERS	2007	99	19	196805	http://dx.doi.org/10.1103/PhysRevLett.99.196805
56	Electromagnetic perturbations of black holes in Gauss-Bonnet gravity	Liu Jing	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	47	4	647-652	
57	Electron flux distributions in photodetachment of H- in parallel electric and magnetic fields	Gao, S.; Yang, G. C.; Lin, S. L.; Du, M. L.	EUROPEAN PHYSICAL JOURNAL D	2007	42	2	189-196	http://dx.doi.org/10.1140/epjd/e2007-00020-2
58	Entanglement dynamics of qubits in a common environment	An, Jun-Hong; Wang, Shun-Jin; Luo, Hong-Gang	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2007	382	2	753-764	http://dx.doi.org/10.1016/j.physa.2007.04.008
59	Entropy function and the attractor mechanism for spherically symmetric extremal black holes	Cai, Rong-Gen; Cao, Li-Ming	PHYSICAL REVIEW D	2007	76	6	64010	http://dx.doi.org/10.1103/PhysRevD.76.064010
60	Entropy function for non-extremal black holes in string theory	Cai, Rong-Gen; Pang, Da-Wei	JOURNAL OF HIGH ENERGY PHYSICS	2007		5	23	http://dx.doi.org/10.1088/1126-6708/2007/05/023
61	Escaping problem in the Henon-Heiles system and numerical algorithms	Zhao Hai-Jun; Du Meng-Li	ACTA PHYSICA SINICA	2007	56	7	3827-3832	http://dx.doi.org/10.7498/aps.56.3827
62	Eternal chaotic inflation is prohibited by the weak gravity conjecture	Huang, Qing-Guo; Li, Miao; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2007		9	13	http://dx.doi.org/10.1088/1475-7516/2007/09/013
63	Examining the chiral geometry in Rh-104 and Rh-106	Wang Shou-Yu; Zhang Shuang-Quan; Qi Bin; Meng Jie	CHINESE PHYSICS LETTERS	2007	24	3	664-667	
64	Exclusive B → PV decays and CP violation in the general two-Higgs-doublet model	Wu, Yue-Liang; Zhuang, Ci	PHYSICAL REVIEW D	2007	75	11	115006	http://dx.doi.org/10.1103/PhysRevD.75.115006
65	Exploration of pseudospin symmetry in the resonant states	Zhang Shi-Sheng; Sun Bao-Hua; Zhou Shan-Gui	CHINESE PHYSICS LETTERS	2007	24	5	1199-1202	
66	Extended Bose-Hubbard model on a honeycomb lattice	Gan, Jing Yu; Wen, Yu Chuan; Ye, Jinwu; Li, Tao; Yang, Shi-Jie; Yu, Yue	PHYSICAL REVIEW B	2007	75	21	214509	http://dx.doi.org/10.1103/PhysRevB.75.214509
67	Extracting oscillation frequencies in spontaneous emission rate of an atom between two mirrors	Zhao Hai-Jun; Du Meng-Li	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	47	1	127-130	
68	Factorizable language revisited from dynamics to biology	Hao, Bailin; Xie, Huimin	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2007	21	23-24	4076-4081	http://dx.doi.org/10.1142/S0217979207045244
69	Factorization of the dephasing process in a quantum open system	Gao, Y. B.; Sun, C. P.	PHYSICAL REVIEW E	2007	75	1	11105	http://dx.doi.org/10.1103/PhysRevE.75.011105
70	Finite-size scaling of the correlation length in anisotropic systems	Chen, X. S.; Zhang, H. Y.	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2007	21	23-24	4212-4218	http://dx.doi.org/10.1142/S0217979207045426
71	Force unfolding single RNAs: From equilibrium to far-from equilibrium	Liu, Fei; Tong, Huan; Ou-Yang, Zhong-Can	IUTAM SYMPOSIUM ON MECHANICAL BEHAVIOR AND MICRO-MECHANICS OF NANOSTRUCTURED MATERIALS	2007	144		95+	
72	Fractional revivals of the quantum state in a tight-binding chain	Chen, Bing; Song, Z.; Sun, C. P.	PHYSICAL REVIEW A	2007	75	1	12113	http://dx.doi.org/10.1103/PhysRevA.75.012113
73	Fragmentation function and hadronic production of the heavy supersymmetric hadrons	Chang, Chao-Hsi; Chen, Jiao-Kai; Fang, Zhen-Yun; Hu, Bing-Quan; Wu, Xing-Gang	EUROPEAN PHYSICAL JOURNAL C	2007	50	4	969-978	http://dx.doi.org/10.1140/epjc/s10052-007-0244-4
74	Gap-function symmetry and spin dynamics in electron-doped cuprate superconductors	Liu, C. S.; Wu, W. C.	PHYSICAL REVIEW B	2007	76	1	14513	http://dx.doi.org/10.1103/PhysRevB.76.014513
75	Generalized space-time noncommutative inflation	Xue, Wei; Chen, Bin; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2007		9	11	http://dx.doi.org/10.1088/1475-7516/2007/09/011
76	Generalized Stern-Gerlach effect for chiral molecules	Li, Yong; Bruder, C.; Sun, C. P.	PHYSICAL REVIEW LETTERS	2007	99	13	130403	http://dx.doi.org/10.1103/PhysRevLett.99.130403
77	Generating ring dark solitons in an evolving Bose-Einstein condensate	Yang, Shi-Jie; Wu, Quan-Sheng; Zhang, Sheng-Nan; Feng, Shiping; Guo, Wenan; Wen, Yu-Chuan; Yu, Yue	PHYSICAL REVIEW A	2007	76	6	63606	http://dx.doi.org/10.1103/PhysRevA.76.063606
78	GENXICC: A generator for hadronic production of the double heavy baryons Xi(cc), Xi(bc), and Xi(bb)	Chang, Chao-Hsi; Wang, Jian-Xiong; Wu, Xing-Gang	COMPUTER PHYSICS COMMUNICATIONS	2007	177	5	467-478	http://dx.doi.org/10.1016/j.cpc.2007.05.012
79	Hadron scattering in an asymmetric box	Li, Xin; Chen, Ying; Meng, Guo-Zhan; Feng, Xu; Gong, Ming; He, Song; Li, Gang; Liu, Chuan; Liu, Yu-Bin; Ma, Jian-Ping; Meng, Xiang-Fei; Shen, Yan; Zhang, Jian-Bo	JOURNAL OF HIGH ENERGY PHYSICS	2007		6	53	http://dx.doi.org/10.1088/1126-6708/2007/06/053

80	Hadronic production of the doubly charmed baryon $\Xi(cc)$ with intrinsic charm	Chang, Chao-Hsi; Ma, Jian-Ping; Qiao, Cong-Feng; Wu, Xing-Gang	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2007	34	5	845-857	http://dx.doi.org/10.1088/0954-3899/34/5/006
81	Hawking-Page phase transition of black Dp-branes and R-charged black holes with an IR cutoff	Cai, Rong-Gen; Cao, Li-Ming; Sun, Ya-Wen	JOURNAL OF HIGH ENERGY PHYSICS	2007		11	39	http://dx.doi.org/10.1088/1126-6708/2007/11/039
82	Helium-cluster decay widths of molecular states in beryllium and carbon isotopes	Pei, J. C.; Xu, F. R.	PHYSICS LETTERS B	2007	650	4	224-228	http://dx.doi.org/10.1016/j.physletb.2007.05.018
83	Hidden local symmetry and effective chiral theory for vector and axial-vector meson	Li, B. A.; Wu, Y. L.	MODERN PHYSICS LETTERS A	2007	22	7-10	683-698	http://dx.doi.org/10.1142/S0217732307023286
84	Higgs-pair production in littlest Higgs model with T parity	Wang, Lei; Wang, Wenyu; Yang, Jin Min; Zhang, Huanjun	PHYSICAL REVIEW D	2007	76	1	17702	http://dx.doi.org/10.1103/PhysRevD.76.017702
85	Holographic confinement/deconfinement phase transitions of AdS/QCD in curved spaces	Cai, Rong-Gen; Shock, Jonathan P.	JOURNAL OF HIGH ENERGY PHYSICS	2007		8	95	http://dx.doi.org/10.1088/1126-6708/2007/08/095
86	Holographic dark energy in a cyclic universe	Zhang, Jingfei; Zhang, Xin; Liu, Hongya	EUROPEAN PHYSICAL JOURNAL C	2007	52	3	693-699	http://dx.doi.org/10.1140/epjc/s10052-007-0408-2
87	Holographic dark energy in induced gravity	Sun, Zu-Yao; Shen, You-Gen	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2007	46	4	877-883	http://dx.doi.org/10.1007/s10773-006-9247-4
88	Holographic tachyon model	Zhang, Jingfei; Zhang, Xin; Liu, Hongya	PHYSICS LETTERS B	2007	651	2-3	84-88	http://dx.doi.org/10.1016/j.physletb.2007.06.019
89	Hypernuclei in the deformed Skyrme-Hartree-Fock approach	Zhou, Xian-Rong; Schulze, H. -J.; Sagawa, H.; Wu, Chen-Xu; Zhao, En-Guang	PHYSICAL REVIEW C	2007	76	3	34312	http://dx.doi.org/10.1103/PhysRevC.76.034312
90	Indirect control with a quantum accessor: Coherent control of multilevel system via a qubit chain	Fu, H. C.; Dong, Hui; Liu, X. F.; Sun, C. P.	PHYSICAL REVIEW A	2007	75	5	52317	http://dx.doi.org/10.1103/PhysRevA.75.052317
91	Inelastic scattering effects in recurrence spectra of He atoms in a magnetic field	Zhao, L. B.; Du, M. L.	PHYSICS LETTERS A	2007	363	5-6	453-457	http://dx.doi.org/10.1016/j.physleta.2006.11.042
92	Inflation with high derivative couplings	Chen, Bin; Li, Miao; Wang, Tower; Wang, Yi	MODERN PHYSICS LETTERS A	2007	22	25-28	1987-1994	http://dx.doi.org/10.1142/S0217732307025212
93	Inflation with holographic dark energy	Chen, Bin; Li, Miao; Wang, Yi	NUCLEAR PHYSICS B	2007	774		256-267	http://dx.doi.org/10.1016/j.nuclphysb.2007.04.007
94	Inflationary universe in loop quantum cosmology	Zhang, Xin; Ling, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2007		8	12	http://dx.doi.org/10.1088/1475-7516/2007/08/012
95	In-medium NN cross sections determined from the nuclear stopping and collective flow in heavy-ion collisions at intermediate energies	Zhang, Yingxun; Li, Zhuxia; Danielewicz, Pawel	PHYSICAL REVIEW C	2007	75	3	34615	http://dx.doi.org/10.1103/PhysRevC.75.034615
96	Intersecting non-SUSY p-brane with chargeless 0-brane as black p-brane	Bai, Hua; Lu, Jianxin; Roy, Shibaji	JOURNAL OF HIGH ENERGY PHYSICS	2007		1	94	http://dx.doi.org/10.1088/1126-6708/2007/01/094
97	Is noncommutative eternal inflation possible?	Cai, Yi-Fu; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2007		6	22	http://dx.doi.org/10.1088/1475-7516/2007/06/022
98	Long-range frustration in T=0 first-step replica-symmetry-broken solutions of finite-connectivity spin glasses	Zhou, Jie; Ma, Hui; Zhou, Haijun	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2007			L06001	http://dx.doi.org/10.1088/1742-5468/2007/06/L06001
99	M5-branes and Wilson surfaces	Chen, Bin; Zhang, Liang; He, Wei; Wu, Jun-Bao	JOURNAL OF HIGH ENERGY PHYSICS	2007		8	67	http://dx.doi.org/10.1088/1126-6708/2007/08/067
100	Massive charged quasinormal modes of a Reissner-Nordstrom black hole	Chang, J. F.; Shen, Y. G.	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2007	46	6	1570-1583	http://dx.doi.org/10.1007/s10773-006-9293-y
101	Maximally symmetric minimal unification model SO(32) with three families in ten-dimensional spacetime	Wu, Yue-Liang	MODERN PHYSICS LETTERS A	2007	22	4	259-271	http://dx.doi.org/10.1142/S0217732307022591
102	Mechanism of proton-induced reactions on targets O-16, Al-27, Fe-56, Cd-112, W-184 and Pb-208 at Ep=800 MeV	Ou Li; Zhang Ying-Xun; Li Zhu-Xia	CHINESE PHYSICS LETTERS	2007	24	1	72-75	
103	Membrane in M5-brane background	Xu, Wei-shui; Zeng, Ding-fang	JOURNAL OF HIGH ENERGY PHYSICS	2007		5	95	http://dx.doi.org/10.1088/1126-6708/2007/05/095
104	Mixed-state fidelity and quantum criticality at finite temperature	Zanardi, Paolo; Quan, H. T.; Wang, Xiaoguang; Sun, C. P.	PHYSICAL REVIEW A	2007	75	3	32109	http://dx.doi.org/10.1103/PhysRevA.75.032109
105	Modified Woods-Saxon potential for heavy-ion fusion reaction	Tian Jun-Long; Wang Ning; Li Zhu-Xia	CHINESE PHYSICS LETTERS	2007	24	4	905-908	
106	Mosaic spin models with topological order	Yang, S.; Zhou, D. L.; Sun, C. P.	PHYSICAL REVIEW B	2007	76	18	180404	http://dx.doi.org/10.1103/PhysRevB.76.180404
107	Motility of molecular motor	Shu, Yaogen; Ou-Yang, Zhong-Can	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	2007	4	1	71-76	
108	Mott insulating phases and quantum phase transitions of interacting spin-3/2 fermionic cold atoms in optical lattices at half filling	Tu, Hong-Hao; Zhang, Guang-Ming; Yu, Lu	PHYSICAL REVIEW B	2007	76	1	14438	http://dx.doi.org/10.1103/PhysRevB.76.014438

109	Neutrino masses, lepton flavor mixing and leptogenesis in the minimal seesaw model	Guo, Wan-Lei; Xing, Zhi-Zhong; Zhou, Shun	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2007	16	1	1-50	http://dx.doi.org/10.1142/S0218301307004898
110	Neutrino mixing matrix in the 3-3-1 model with heavy leptons and A(4) symmetry	Yin, Furong	PHYSICAL REVIEW D	2007	75	7	73010	http://dx.doi.org/10.1103/PhysRevD.75.073010
111	Neutron skin deduced from antiprotonic atom data	Brown, B. Alex; Shen, G.; Hillhouse, G. C.; Meng, J.; Trzcinska, A.	PHYSICAL REVIEW C	2007	76	3	34305	http://dx.doi.org/10.1103/PhysRevC.76.034305
112	New interpretation of matter-antimatter asymmetry based on branes and possible observational consequences	Cai, Rong-Gen; Li, Tong; Li, Xue-Qian; Wang, Xun	PHYSICAL REVIEW D	2007	76	10	103513	http://dx.doi.org/10.1103/PhysRevD.76.103513
113	Newton-Hooke limit of Beltrami-de Sitter spacetime, principle of Galilei-Hooke's relativity and postulate on Newton-Hooke universal time	Huang, Chao-Guang; Guo, Han-Ying; Tian, Yu; Xu, Zhan; Zhou, Bin	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2007	22	14-15	2535-2562	http://dx.doi.org/10.1142/S0217751X07036221
114	Non-supersymmetric attractors in Born-Infeld black holes with a cosmological constant	Gao, Xian	JOURNAL OF HIGH ENERGY PHYSICS	2007		11	6	http://dx.doi.org/10.1088/1126-6708/2007/11/006
115	Note on chiral symmetry breaking from intersecting branes	Gao, Yi-hong; Shock, Jonathan P.; Xu, Wei-Shui; Zeng, Ding-Fang	PHYSICAL REVIEW D	2007	76	4	46003	http://dx.doi.org/10.1103/PhysRevD.76.046003
116	Novel quantum phases of dipolar bose gases in optical lattices	Yi, S.; Li, T.; Sun, C. P.	PHYSICAL REVIEW LETTERS	2007	98	26	260405	http://dx.doi.org/10.1103/PhysRevLett.98.260405
117	NRQCD factorization for twist-2 light-cone wave-functions of charmonia	Ma, J. P.; Si, Z. G.	PHYSICS LETTERS B	2007	647	5-6	419-426	http://dx.doi.org/10.1016/j.physletb.2007.02.040
118	Nuclear potential and fusion cross sections for synthesizing super-heavy elements in di-nuclear systems	Wang Nan; Li Jun-Qing; Zhao En-Guang; Feng Zhao-Qing	CHINESE PHYSICS LETTERS	2007	24	8	2219-2222	
119	Observational consequences of quantum cosmology	Huang, Qing-Guo	NUCLEAR PHYSICS B	2007	777	1-2	253-261	http://dx.doi.org/10.1016/j.nuclphysb.2007.04.015
120	On effectiveness of protocol creating maximum entanglement of two charge-phase qubits by cavity field	Li Chong; Gao Yi-Bo	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	48	5	935-942	
121	On entropy function for supersymmetric black rings	Cai, Rong-Gen; Pang, Da-Wei	JOURNAL OF HIGH ENERGY PHYSICS	2007		4	27	http://dx.doi.org/10.1088/1126-6708/2007/04/027
122	On principle of inertia in closed universe	Guo, Han-Ying	PHYSICS LETTERS B	2007	653	1	88-94	http://dx.doi.org/10.1016/j.physletb.2007.05.006
123	On the possibility to construct gravitational eye	Ying-Tian, Chen	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	47	5	851-860	http://dx.doi.org/10.1088/0253-6102/47/5/017
124	On the radiatively induced Lorentz and CPT violating Chern-Simons term	Ma, Yong-Liang; Wu, Yue-Liang	PHYSICS LETTERS B	2007	647	5-6	427-430	http://dx.doi.org/10.1016/j.physletb.2007.02.024
125	On the structure of the pi pi invariant mass spectra of the gamma(4S)->gamma(1S,2S)pi(+)pi(-) decays	Guo, Feng-Kun; Shen, Peng-Nian; Chiang, Huan-Ching; Ping, Rong-Gang	PHYSICS LETTERS B	2007	658	1-3	27-32	http://dx.doi.org/10.1016/j.physletb.2007.10.021
126	On theoretical models of dark energy	Cai Rong-Gen	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2007	31	9	827-834	
127	Optimal transportation network with concave cost functions: Loop analysis and algorithms	Shao, Zhen; Zhou, Haijun	PHYSICAL REVIEW E	2007	75	6	66112	http://dx.doi.org/10.1103/PhysRevE.75.066112
128	Parametrizations of the dark energy density and scalar potentials	Guo, Zong-Kuan; Ohta, Nobuyoshi; Zhang, Yuan-Zhong	MODERN PHYSICS LETTERS A	2007	22	12	883-890	http://dx.doi.org/10.1142/S0217732307022839
129	Perfect transfer of many-particle quantum state via high-dimensional systems with spectrum-matched symmetry	Li Ying; Song Zhi; Sun Chang-Pu	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	48	3	445-448	
130	Permutation and its partial transpose	Zhang, Yong; Kauffman, Louis H.; Werner, Reinhard F.	INTERNATIONAL JOURNAL OF QUANTUM INFORMATION	2007	5	4	469-507	http://dx.doi.org/10.1142/S021974990700302X
131	Phase transition dynamics and its alpha ' corrections	Song, Yushu	PHYSICAL REVIEW D	2007	76	10	106014	http://dx.doi.org/10.1103/PhysRevD.76.106014
132	Phonon dispersion in chiral single-wall carbon nanotubes	Mu, Weihua; Vamivakas, Anthony Nickolas; Fang, Yan; Wang, Bolin	MODERN PHYSICS LETTERS B	2007	21	25	1667-1676	http://dx.doi.org/10.1142/S021798490701419X
133	Polar molecule type electrorheological fluids	Lu, Kunquan; Shen, Rong; Wang, Xuezhao; Sun, Gang; Wen, Weijia; Liu, Jixing	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2007	21	28-29	4798-4805	http://dx.doi.org/10.1142/S0217979207045682
134	Possible study of hypernuclear physics at CSR	Jing Han-Tao; Shen Peng-Nian; Jiang Huan-Qing	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2007	31	10	995-1002	
135	Primordial perturbations of test scalar fields	Piao, Yun-Song; Zhang, Yuan-Zhong	PHYSICAL REVIEW D	2007	75	2	27301	http://dx.doi.org/10.1103/PhysRevD.75.027301
136	Probing R-parity violating interactions from top-quark polarization at LHC	Li, Peiying; Lu, Gongru; Yang, Jin Min; Zhang, Huanjun	EUROPEAN PHYSICAL JOURNAL C	2007	51	1	163-168	http://dx.doi.org/10.1140/epjc/s10052-007-0290-y
137	Production of hh(t)over-bar and ht(T)over-bar in the lightest Higgs model with T parity	Wang, Lei; Wang, Wenyu; Yang, Jin Min; Zhang, Huanjun	PHYSICAL REVIEW D	2007	75	7	74006	http://dx.doi.org/10.1103/PhysRevD.75.074006
138	Prokaryote phylogeny meets taxonomy: An exhaustive comparison of composition vector trees with systematic bacteriology	Gao, Lei; Qi, Ji; Sun, JianDong; Hao, BaiLin	SCIENCE IN CHINA SERIES C-LIFE SCIENCES	2007	50	5	587-599	http://dx.doi.org/10.1007/s11427-007-0084-3
139	Prolongation structure of semi-discrete nonlinear evolution equations	Bai Yong-Qiang; Wu Ke; Guo Han-Ying; Zhao Wei-Zhong	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	48	4	591-600	
140	QCD corrections to single slepton production at hadron colliders	Chen, Yu-Qi; Han, Tao; Si, Zong-Guo	JOURNAL OF HIGH ENERGY PHYSICS	2007		5	68	http://dx.doi.org/10.1088/1126-6708/2007/05/068

141	QCD factorization for semi-inclusive deep-inelastic scattering at low transverse momentum	Ji Xiang-Dong; Ma Jian-Ping; Yuan Feng	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	2007	31	9	857-859	
142	QCD phase transitions and bag constants at finite chemical potential	Yang Shu; Guo Hua; Zhao En-Guang; Lue Xiao-Fu	CHINESE PHYSICS LETTERS	2007	24	11	3096-3099	
143	Quantizing strings in de Sitter space	Li, Miao; Song, Wei; Song, Yushu	JOURNAL OF HIGH ENERGY PHYSICS	2007		4	42	http://dx.doi.org/10.1088/1126-6708/2007/04/042
144	Quantum critical dynamics of a qubit coupled to an isotropic Lipkin-Meshkov-Glick bath	Quan, H. T.; Wang, Z. D.; Sun, C. P.	PHYSICAL REVIEW A	2007	76	1	12104	http://dx.doi.org/10.1103/PhysRevA.76.012104
145	Quantum decoherence of macroscopic object induced by inner environments: An exactly solvable model	Zheng Li; Zheng Taiyu	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	47	2	229-234	
146	Quantum thermalization with couplings	Dong, H.; Yang, S.; Liu, X. F.; Sun, C. P.	PHYSICAL REVIEW A	2007	76	4	44104	http://dx.doi.org/10.1103/PhysRevA.76.044104
147	Quantum thermodynamic cycles and quantum heat engines	Quan, H. T.; Liu, Yu-Xi; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW E	2007	76	3	31105	http://dx.doi.org/10.1103/PhysRevE.76.031105
148	Quasi-resonant modes of massive scalar fields in Schwarzschild-de Sitter space-time	Chang, Jia-Feng; Huang, Juan; Shen, You-Gen	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2007	46	10	2617-2625	http://dx.doi.org/10.1007/s10773-007-9376-4
149	Real stabilization method for single particle resonances	Zhang Li; Zhou Shan-Gui; Meng Jie; Zhao En-Guang	ACTA PHYSICA SINICA	2007	56	7	3839-3844	http://dx.doi.org/10.7498/aps.56.3839
150	Reconstructing holographic quintessence	Zhang, Xin	PHYSICS LETTERS B	2007	648	1	1-7	http://dx.doi.org/10.1016/j.physletb.2007.02.069
151	Reflection asymmetric relativistic mean field approach and its application to the octupole deformed nucleus Ra-226	Geng Li-Sheng; Meng Jie; Hiroshi, Toki	CHINESE PHYSICS LETTERS	2007	24	7	1865-1868	
152	Relativistic investigation of the nuclear structure	Meng, J.; Zhou, S. G.; Zhang, S. Q.; Long, W. H.; Geng, L. S.	CONDENSED MATTER THEORIES, VOL 21	2007	21		361-+	
153	Relativistic wave functions for single-proton resonant states	Zhang, S. S.; Zhang, W.; Zhou, S. G.; Meng, J.	EUROPEAN PHYSICAL JOURNAL A	2007	32	1	43-49	http://dx.doi.org/10.1140/epja/i2006-10299-9
154	Resummation of large logarithms in $\gamma^* \pi(0) \rightarrow \gamma$	Feng, Feng; Ma, Jian-Ping; Wang, Qi	JOURNAL OF HIGH ENERGY PHYSICS	2007		6	39	http://dx.doi.org/10.1088/1126-6708/2007/06/039
155	Ricci flat black holes and Hawking-Page phase transition in Gauss-Bonnet gravity and dilaton gravity	Cai, Rong-Gen; Kim, Sang Pyo; Wang, Bin	PHYSICAL REVIEW D	2007	76	2	24011	http://dx.doi.org/10.1103/PhysRevD.76.024011
156	Search for new physics from $B \rightarrow \pi \pi$	Cheng, Jian-Feng; Gao, Yuan-Ning; Huang, Chao-Shang; Wu, Xiao-Hong	PHYSICS LETTERS B	2007	647	5-6	413-418	http://dx.doi.org/10.1016/j.physletb.2007.01.053
157	Search for possible way of producing super-heavy elements - Dynamic study on damped reactions of Pu-244+(PU)-P-244, U-238+U-238 and (197)An+Au-197	Li, Zhuxia; Wu, Xizhen; Wang, Ning	ROMANIAN REPORTS IN PHYSICS	2007	59	2	729-740	
158	Snyder's model-de Sitter special relativity duality and de Sitter gravity	Guo, Han-Ying; Huang, Chao-Guang; Tian, Yu; Wu, Hong-Tu; Xu, Zhan; Zhou, Bin	CLASSICAL AND QUANTUM GRAVITY	2007	24	16	4009-4035	http://dx.doi.org/10.1088/0264-9381/24/16/004
159	Soliton in the global color model with a sophisticated effective gluon propagator	Wang, Bin; Chen, Huan; Chang, Lei; Liu, Yu-Xin	PHYSICAL REVIEW C	2007	76	2	25201	http://dx.doi.org/10.1103/PhysRevC.76.025201
160	Some properties of the newly observed X(1835) state at BES	He, Xiao-Gang; Li, Xue-Qian; Liu, Xiang; Ma, Jian-Ping	EUROPEAN PHYSICAL JOURNAL C	2007	49	3	731-736	http://dx.doi.org/10.1140/epjc/s10052-006-0129-y
161	Specific heat in hadronic matter and in quark-gluon matter	Sa, Ben-Hao; Li, Xiao-Mei; Hu, Shou-Yang; Li, Shou-Ping; Feng, Jing; Zhou, Dai-Mei	PHYSICAL REVIEW C	2007	75	5	54912	http://dx.doi.org/10.1103/PhysRevC.75.054912
162	Spin-charge gauge approach to metal-insulator crossover and transport properties in high-T _c cuprates	Marchetti, P. A.; Su, Z. B.; Yu, L.	JOURNAL OF PHYSICS-CONDENSED MATTER	2007	19	12	125212	http://dx.doi.org/10.1088/0953-8984/19/12/125212
163	Spin-flip interactions and the puzzle of psi's polarization at Tevatron	Liu, Kui-Yong; Ma, Han-Ping; Wu, Xing-Gang	PHYSICS LETTERS B	2007	645	2-3	180-184	http://dx.doi.org/10.1016/j.physletb.2006.12.023
164	Spontaneous formation of anti-ferromagnetic vortex lattice in a fast rotating BEC with dipole interactions	Yang Shi-Jie; Feng Shi-Ping; Wen Yu-Chuan; Yu Yue	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	47	2	261-264	
165	Stability of proton and maximally symmetric minimal unification model for basic forces and building blocks of matter	Wu YueLiang	SCIENCE IN CHINA SERIES G-PHYSICS MECHANICS & ASTRONOMY	2007	50	3	303-310	http://dx.doi.org/10.1007/s11433-007-0025-y
166	Statefinder diagnosis in a non-flat universe and the holographic model of dark energy	Setare, M. R.; Zhang, Jingfei; Zhang, Xin	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2007		3	7	http://dx.doi.org/10.1088/1475-7516/2007/03/007
167	Statefinder diagnostic and w-w' analysis for the agegraphic dark energy models without and with interaction	Wei, Hao; Cai, Rong-Gen	PHYSICS LETTERS B	2007	655	1-2	1-6	http://dx.doi.org/10.1016/j.physletb.2007.08.066
168	String inspired singlet extensions of the minimal supersymmetric Standard Model	Li, Tianjun	PHYSICS LETTERS B	2007	653	2-4	338-342	http://dx.doi.org/10.1016/j.physletb.2007.08.027
169	String scale gauge coupling unification with vector-like exotics and noncanonical U(1)(Y) normalization	Barger, V.; Jiang, Jing; Langacker, Paul; Li, Tianjun	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2007	22	32	6203-6218	http://dx.doi.org/10.1142/S0217751X07038128
170	Structure of nuclei far from the stability in relativistic approach	Ban, S. F.; Geng, L. S.; Long, W. H.; Meng, J.; Peng, J.; Yao, J. M.; Zhang, S. Q.; Zhou, S. G.	EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS	2007	150		139-144	http://dx.doi.org/10.1140/epjst/e2007-00288-2

171	Study of electromagnetic decay of J/ψ and ψ' to vector and pseudoscalar.	Zhao, Qiang; Li, Gang; Chang, Chao-Hsi	PHYSICS LETTERS B	2007	645	2-3	173-179	http://dx.doi.org/10.1016/j.physletb.2006.12.037
172	Study of topological structure of vacuum by lattice QCD	Wang Zi-Qing; Lu Xiao-Fu; Wang Fan	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	47	3	535-538	
173	Superfluid-Mott-insulator transition in a one-dimensional optical lattice with double-well potentials	Jiang, H. C.; Weng, Z. Y.; Xiang, T.	PHYSICAL REVIEW B	2007	76	22	224515	http://dx.doi.org/10.1103/PhysRevB.76.224515
174	Supersolidity and phase diagram of soft-core bosons on a triangular lattice	Gan, Jing-Yu; Wen, Yu-Chuan; Yu, Yue	PHYSICAL REVIEW B	2007	75	9	94501	http://dx.doi.org/10.1103/PhysRevB.75.094501
175	Supersymmetry-induced flavor-changing neutral-current top-quark processes at the CERN Large Hadron Collider	Cao, J. J.; Eilam, G.; Frank, M.; Hikasa, K.; Liu, G. L.; Turan, I.; Yang, J. M.	PHYSICAL REVIEW D	2007	75	7	75021	http://dx.doi.org/10.1103/PhysRevD.75.075021
176	Supersymmetry for fermion masses	Liu Chun	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	47	6	1088-1098	
177	Testable flipped $SU(5) \times U(1)(X)$ models	Jiang, Jing; Li, Tianjun; Nanopoulos, Dimitri V.	NUCLEAR PHYSICS B	2007	772	1-2	49-66	http://dx.doi.org/10.1016/j.nuclphysb.2007.02.025
178	The average lifetime of giant composite systems formed in strongly damped collisions	Tian Jun-Long; Wu Xi-Zhen; Ou Li; Li Zhu-Xia	CHINESE PHYSICS LETTERS	2007	24	10	2796-2799	
179	The effect of mechanical tension on DNA polymerase activity studied with a two-state model	Shu, Yaogen; Shi, Hualin	MODERN PHYSICS LETTERS B	2007	21	17	1097-1105	http://dx.doi.org/10.1142/S0217984907013468
180	The leading particle effect from light quark fragmentation in charm hadroproduction	Gao, Puze; Ma, Bo-Qiang	EUROPEAN PHYSICAL JOURNAL C	2007	50	3	603-608	http://dx.doi.org/10.1140/epjc/s10052-007-0227-5
181	The measure for the multiverse and the probability for inflation	Li, Miao; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2007		6	12	http://dx.doi.org/10.1088/1475-7516/2007/06/012
182	The phase transition and the quasi-normal modes of black holes	Shen, Jianyong; Wang, Bin; Su, Ru-Keng; Lin, Chi-Yong; Cai, Rong-Geng	JOURNAL OF HIGH ENERGY PHYSICS	2007		7	37	http://dx.doi.org/10.1088/1126-6708/2007/07/037
183	Theory of point-contact spectroscopy in electron-doped cuprate superconductors	Liu, C. S.; Wu, W. C.	PHYSICAL REVIEW B	2007	76	22	220504	http://dx.doi.org/10.1103/PhysRevB.76.220504
184	Thermodynamic behavior of field equations for $f(R)$ gravity	Akbar, M.; Cai, Rong-Gen	PHYSICS LETTERS B	2007	648	2-3	243-248	http://dx.doi.org/10.1016/j.physletb.2007.03.005
185	Thermodynamic behavior of the Friedmann equation at the apparent horizon of the FRW universe	Akbar, M.; Cai, Rong-Gen	PHYSICAL REVIEW D	2007	75	8	84003	http://dx.doi.org/10.1103/PhysRevD.75.084003
186	Thermodynamic geometry and critical behavior of black holes	Shen, Jianyong; Cai, Rong-Gen; Wang, Bin; Su, Ru-Keng	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2007	22	1	11-27	http://dx.doi.org/10.1142/S0217751X07034064
187	Thermodynamic interpretation of field equations at horizon of BTZ black hole	Akbar, M.	CHINESE PHYSICS LETTERS	2007	24	5	1158-1161	http://dx.doi.org/10.1088/0256-307X/24/5/009
188	Thermodynamical properties of apparent horizon in warped DGP braneworld	Sheykhi, Ahmad; Bin Wang; Cai, Rong-Gen	NUCLEAR PHYSICS B	2007	779	1-2	1-12	http://dx.doi.org/10.1016/j.nuclphysb.2007.04.028
189	Thermodynamics of apparent horizon in brane world scenario	Cai, Rong-Gen; Cao, Li-Ming	NUCLEAR PHYSICS B	2007	785	1-2	135-148	http://dx.doi.org/10.1016/j.nuclphysb.2007.06.016
190	Threshold law for escaping from the Henon-Heiles system	Zhao, H. J.; Du, M. L.	PHYSICAL REVIEW E	2007	76	2	27201	http://dx.doi.org/10.1103/PhysRevE.76.027201
191	Time-dependent Frohlich transformation approach for two-atom entanglement generated by successive passage through a cavity	Li, Yong; Bruder, C.; Sun, C. P.	PHYSICAL REVIEW A	2007	75	3	32302	http://dx.doi.org/10.1103/PhysRevA.75.032302
192	Top hypercharge	Chiang, Cheng-Wei; Jiang, Jing; Li, Tianjun; Wang, Yong-Rui	JOURNAL OF HIGH ENERGY PHYSICS	2007		12	1	http://dx.doi.org/10.1088/1126-6708/2007/12/001
193	Topological characterization of quantum phase transitions in a spin-1/2 model	Feng, Xiao-Yong; Zhang, Guang-Ming; Xiang, Tao	PHYSICAL REVIEW LETTERS	2007	98	8	87204	http://dx.doi.org/10.1103/PhysRevLett.98.087204
194	Topological defects in liquid crystal films	Duan Yi-Shi; Zhao Li; Zhang Xin-Hui; Si Tie-Yan	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	47	6	1125-1128	
195	Top-quark FCNC productions at CERN LHC in topcolor-assisted technicolor model	Cao, Junjie; Liu, Guoli; Yang, Jin Min; Zhang, Huanjun	PHYSICAL REVIEW D	2007	76	1	14004	http://dx.doi.org/10.1103/PhysRevD.76.014004
196	Transport properties of HTS cuprates via spin-charge gauge approach	Marchetti, P. A.; Su, Z. B.; Yu, L.	PHYSICA C- SUPERCONDUCTIVITY AND ITS APPLICATIONS	2007	460		1081-1083	http://dx.doi.org/10.1016/j.physc.2007.03.383
197	Transverse Ward-Takahashi relation for the fermion-boson vertex function in four-dimensional abelian gauge theory	He, Han-Xin	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2007	22	11	2119-2132	http://dx.doi.org/10.1142/S0217751X07036257
198	Transverse-momentum dependent factorization for $\gamma^* \rightarrow \gamma$	Ma, J. P.; Wang, Q.	PHYSICAL REVIEW D	2007	75	1	14014	http://dx.doi.org/10.1103/PhysRevD.75.014014
199	Triality of conformal extensions of three kinds of special relativity	Guo, Han-Ying; Zhou, Bin; Tian, Yu; Xu, Zhan	PHYSICAL REVIEW D	2007	75	2	26006	http://dx.doi.org/10.1103/PhysRevD.75.026006
200	Two kinds of two-boson realizations of generally deformed algebras with three generators	Ruan Dong; Li Yan-Song; Sun Hong-Zhou	COMMUNICATIONS IN THEORETICAL PHYSICS	2007	47	3	529-534	
201	Two-mode squeezed states and entangled states of two mechanical resonators	Xue, Fei; Liu, Yu-xi; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW B	2007	76	6	64305	http://dx.doi.org/10.1103/PhysRevB.76.064305
202	Unified first law and the thermodynamics of the apparent horizon in the FRW universe	Cai, Rong-Gen; Cao, Li-Ming	PHYSICAL REVIEW D	2007	75	6	64008	http://dx.doi.org/10.1103/PhysRevD.75.064008

203	Virtual effects of split-SUSY in Higgs productions at linear colliders	Wang, Fei; Wang, Wenyu; Xu, Fuqiang; Yang, Jin Min; Zhang, Huanjun	EUROPEAN PHYSICAL JOURNAL C	2007	51	3	713-719	http://dx.doi.org/10.1140/epjc/s10052-007-0294-7
204	Whole genome molecular phylogeny of large dsDNA viruses using composition vector method	Gao, Lei; Qi, Ji	BMC EVOLUTIONARY BIOLOGY	2007	7		41	http://dx.doi.org/10.1186/1471-2148-7-41