

SCI Papers of ITP in 2008

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	(K)over-bar(0) condensation in hyperonic neutron star matter	Ding Wen-Bo; Liu Guang-Zhou; Zhu Ming-Feng; Yu Zi; Zhao En-Guang	CHINESE PHYSICS LETTERS	2008	25	2	458-461	
2	A combined statistical model for multiple motifs search	Gao Li-Feng; Liu Xin; Guan Shan	CHINESE PHYSICS B	2008	17	12	4396-4400	
3	A kinetic model of transcription initiation by RNA polymerase	Xue, Xiao-chuan; Liu, Fei; Ou-Yang, Zhong-can	JOURNAL OF MOLECULAR BIOLOGY	2008	378	3	520-529	http://dx.doi.org/10.1016/j.jmb.2008.03.008
4	A lattice dynamical treatment for the total potential energy of single-walled carbon nanotubes and its applications: relaxed equilibrium structure, elastic properties, and vibrational modes of ultra-narrow tubes	Jiang, Jin-Wu; Tang, Hui; Wang, Bing-Shen; Su, Zhao-Bin	JOURNAL OF PHYSICS-CONDENSED MATTER	2008	20	4	45228	http://dx.doi.org/10.1088/0953-8984/20/04/045228
5	A light-cone QCD inspired effective Hamiltonian model for pseudoscalar and scalar mesons	Tao Jun; Li Lei; Zhou Shan-Gui; Wang Shun-Jin	CHINESE PHYSICS LETTERS	2008	25	9	3185-3187	
6	A new gravitational model for dark energy	Huang Chao-Guang; Zhang Hai-Qing; Guo Han-Ying	CHINESE PHYSICS C	2008	32	9	687-691	http://dx.doi.org/10.1088/1674-1137/32/9/002
7	A new model of agegraphic dark energy	Wei, Hao; Cai, Rong-Gen	PHYSICS LETTERS B	2008	660	3	113-117	http://dx.doi.org/10.1016/j.physletb.2007.12.030
8	A note on exact solutions and attractor mechanism for Non-BPS black holes	Cai, Rong-Gen; Pang, Da-Wei	JOURNAL OF HIGH ENERGY PHYSICS	2008		1	46	http://dx.doi.org/10.1088/1126-6708/2008/01/046
9	A realistic world from intersecting D6-branes	Chen, Ching-Ming; Li, Tianjun; Mayes, V. E.; Nanopoulos, Dimitri V.	PHYSICS LETTERS B	2008	665	4	267-270	http://dx.doi.org/10.1016/j.physletb.2008.06.024
10	A relation on round-off error, attractor size and its dynamics in driven or coupled logistic map system	Shi, Pengliang	CHAOS	2008	18	1	13122	http://dx.doi.org/10.1063/1.2866487
11	A two higgs bi-doublet left-right model with spontaneous CP violation	Wu, Yue-Liang; Zhou, Yu-Feng	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2008	23	21	3304-3308	http://dx.doi.org/10.1142/S0217751X0804202X
12	Accurate determination of tensor network state of quantum lattice models in two dimensions	Jiang, H. C.; Weng, Z. Y.; Xiang, T.	PHYSICAL REVIEW LETTERS	2008	101	9	90603	http://dx.doi.org/10.1103/PhysRevLett.101.090603
13	Agegraphic dark energy as a quintessence	Zhang, Jingfei; Zhang, Xin; Liu, Hongya	EUROPEAN PHYSICAL JOURNAL C	2008	54	2	303-309	http://dx.doi.org/10.1140/epjc/s10052-008-0532-7
14	alpha decay energies and half-lives from a macroscopic-microscopic model	Peng Jin-Song; Li Lu-Lu; Zhou Shan; Zhao En-Guang	CHINESE PHYSICS C	2008	32	8	634-638	http://dx.doi.org/10.1088/1674-1137/32/8/009
15	An exactly soluble model with tunable p-wave paired fermion ground states	Yu, Yue; Wang, Ziqiang	EPL	2008	84	5	57002	http://dx.doi.org/10.1209/0295-5075/84/57002
16	Anomaly of Zb(b)over-bar coupling revisited in MSSM and NMSSM	Cao, Junjie; Yang, Jin Min	JOURNAL OF HIGH ENERGY PHYSICS	2008		12	6	http://dx.doi.org/10.1088/1126-6708/2008/12/006
17	Anyonic loops in three-dimensional spin liquid and chiral spin liquid	Si, Tiejian; Yu, Yue	NUCLEAR PHYSICS B	2008	803	3	428-449	http://dx.doi.org/10.1016/j.nuclphysb.2008.06.009
18	Application of the relativistic mean-field mass model to the r-process and the influence of mass uncertainties	Sun, B.; Montes, F.; Geng, L. S.; Geissel, H.; Litvinov, Yu. A.; Meng, J.	PHYSICAL REVIEW C	2008	78	2	25806	http://dx.doi.org/10.1103/PhysRevC.78.025806
19	Application of the string method to the study of critical nuclei in capillary condensation	Qiu, Chunying; Qian, Tiezheng; Ren, Weiqing	JOURNAL OF CHEMICAL PHYSICS	2008	129	15	154711	http://dx.doi.org/10.1063/1.2996516
20	Arsenic-bridged antiferromagnetic superexchange interactions in LaFeAsO	Ma, Fengjie; Lu, Zhong-Yi; Xiang, Tao	PHYSICAL REVIEW B	2008	78	22	224517	http://dx.doi.org/10.1103/PhysRevB.78.224517
21	Atomic entanglement versus visibility of photon interference for quantum criticality of a hybrid system	Huo, M. X.; Li, Ying; Song, Z.; Sun, C. P.	PHYSICAL REVIEW A	2008	77	2	22103	http://dx.doi.org/10.1103/PhysRevA.77.022103
22	B meson dileptonic decays in the next-to-minimal supersymmetric model with a light CP-odd Higgs boson	Heng, Zhaoxia; Oakes, Robert J.; Wang, Wenyu; Xiong, Zhaohua; Yang, Jin Min	PHYSICAL REVIEW D	2008	77	9	95012	http://dx.doi.org/10.1103/PhysRevD.77.095012
23	Baryonium, tetraquark state and glueball in large-N-c QCD	Liu, Chun	EUROPEAN PHYSICAL JOURNAL C	2008	53	3	413-419	http://dx.doi.org/10.1140/epjc/s10052-007-0471-8
24	Bayesian Analysis of Folding and Unfolding Time Series of Single-Forced RNAs	Xue, Xiao Chuan; Tong, Huan; Liu, Fei; Ou-Yang, Zhong-can	JOURNAL OF PHYSICAL CHEMISTRY B	2008	112	44	13680-13683	http://dx.doi.org/10.1021/jp8020886
25	Benford's law and half-lives of unstable nuclei	Ni, Dongdong; Ren, Zhongzhou	EUROPEAN PHYSICAL JOURNAL A	2008	38	3	251-255	http://dx.doi.org/10.1140/epja/i2008-10680-8
26	Casimir Energy of a Spherical Shell in kappa-Minkowski Spacetime	Kim, Hyeong-Chan; Yee, Jae Hyung; Rim, Chaiho	JOURNAL OF THE KOREAN PHYSICAL SOCIETY	2008	53	4	1826-1838	http://dx.doi.org/10.3938/jkps.53.1826
27	Casimir Force at a Finite Cut-Off	Xiong Ai-Min; Chen Xiao-Song	COMMUNICATIONS IN THEORETICAL PHYSICS	2008	50	6	1317-1322	
28	Cavity optomechanical coupling assisted by an atomic gas	Ian, H.; Gong, Z. R.; Liu, Yu-xi; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW A	2008	78	1	13824	http://dx.doi.org/10.1103/PhysRevA.78.013824
29	Challenge on the astrophysical r-process calculation with nuclear mass models	Sun Bao-Hua; Meng Jie	CHINESE PHYSICS LETTERS	2008	25	7	2429-2431	
30	Chiral doublet bands in odd-odd nuclei	Wang Shou-Yu; Zhang Shuang-Quan; Qi Bin; Meng Jie	CHINESE PHYSICS C	2008	32		138-140	
31	Chiral SU(3) quark model study of tetraquark states: cn(n)over-bar(s)over bars(s)over bar(s)over bar	Zhang Hai-Xia; Wang Wen-Ling; Dai Yuan-Ben; Zhang Zong-Ye	COMMUNICATIONS IN THEORETICAL PHYSICS	2008	49	2	414-420	
32	CHIRAL SYMMETRY IN ATOMIC NUCLEI	Meng, J.; Qi, B.; Zhang, S. Q.; Wang, S. Y.	MODERN PHYSICS LETTERS A	2008	23	27-30	2560-2567	http://dx.doi.org/10.1142/S0217732308029800
33	Class of exactly solvable SO(n) symmetric spin chains with matrix product ground states	Tu, Hong-Hao; Zhang, Guang-Ming; Xiang, Tao	PHYSICAL REVIEW B	2008	78	9	94404	http://dx.doi.org/10.1103/PhysRevB.78.094404

34	CLEMAPS: Multiple alignment of protein structures based on conformational letters	Liu, Xin; Zhao, Ya-Pu; Zheng, Wei-Mou	PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS	2008	71	2	728-736	http://dx.doi.org/10.1002/prot.21739
35	Coherence loss and recovery of an electron spin coupled inhomogeneously to a one-dimensional interacting spin bath: An adaptive time-dependent density-matrix renormalization group study	Wang, Zhi-Hui; Wang, Bing-Shen; Su, Zhao-Bin	PHYSICAL REVIEW B	2008	78	5	54433	http://dx.doi.org/10.1103/PhysRevB.78.054433
36	Coherent output of photons from coupled superconducting transmission line resonators controlled by charge qubits	Zhou, Lan; Gao, Y. B.; Song, Z.; Sun, C. P.	PHYSICAL REVIEW A	2008	77	1	13831	http://dx.doi.org/10.1103/PhysRevA.77.013831
37	Comment on the Alday-Maldacena solution in calculating scattering amplitude via AdS/CFT	Yang, Gang	JOURNAL OF HIGH ENERGY PHYSICS	2008		3	10	http://dx.doi.org/10.1088/1126-6708/2008/03/010
38	Common electronic band gaps and similar optical properties of ZnO nanotubes	Yang Yu-Rong; Yan Xiao-Hong; Guo Zhao-Hui; Deng Yu-Xiang	CHINESE PHYSICS B	2008	17	9	3433-3437	
39	Competition between alpha decay and spontaneous fission for heavy and superheavy nuclei	Xu, Chang; Ren, Zhongzhou; Guo, Yanqing	PHYSICAL REVIEW C	2008	78	4	44329	http://dx.doi.org/10.1103/PhysRevC.78.044329
40	Concentration-induced shape transition of nano-aggregates in solution	Li, Ming; Ou-Yang, Zhong-can	THIN SOLID FILMS	2008	517	4	1424-1427	http://dx.doi.org/10.1016/j.tsf.2008.09.048
41	Consistency relations for non-Gaussianity	Li, Miao; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2008		9	18	http://dx.doi.org/10.1088/1475-7516/2008/09/018
42	Contribution of the DK continuum in the QCD sum rule for D-s _J (2317)	Dai, Yuan-Ben; Li, Xin-Qiang; Zhu, Shi-Lin; Zuo, Ya-Bing	EUROPEAN PHYSICAL JOURNAL C	2008	55	2	249-258	http://dx.doi.org/10.1140/epjc/s10052-008-0591-9
43	Controllable scattering of a single photon inside a one-dimensional resonator waveguide	Zhou, Lan; Gong, Z. R.; Liu, Yu-xi; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW LETTERS	2008	101	10	100501	http://dx.doi.org/10.1103/PhysRevLett.101.100501
44	Controlling quasisubband states in a one-dimensional continuum through an electromagnetically-induced-transparency mechanism	Gong, Z. R.; Ian, H.; Zhou, Lan; Sun, C. P.	PHYSICAL REVIEW A	2008	78	5	53806	http://dx.doi.org/10.1103/PhysRevA.78.053806
45	Core polarization and tensor coupling effects on magnetic moments of hypernuclei	Yao Jiang-Ming; Lue Hong-Feng; Hillhouse Greg; Meng Jie	CHINESE PHYSICS LETTERS	2008	25	5	1629-1632	
46	Corrected entropy-area relation and modified Friedmann equations	Cai, Rong-Gen; Cao, Li-Ming; Hu, Ya-Peng	JOURNAL OF HIGH ENERGY PHYSICS	2008		8	90	http://dx.doi.org/10.1088/1126-6708/2008/08/090
47	Cosmological constraints on new agegraphic dark energy	Wei, Hao; Cai, Rong-Gen	PHYSICS LETTERS B	2008	663	1-2	1-6	http://dx.doi.org/10.1016/j.physletb.2008.03.048
48	Cosmological solutions with torsion in a model of the de Sitter gauge theory of gravity	Huang, Chao-Guang; Zhang, Hai-Qing; Guo, Han-Ying	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2008		10	10	http://dx.doi.org/10.1088/1475-7516/2008/10/010
49	Covariant density functional theory for magnetic rotation	Peng, J.; Meng, J.; Ring, P.; Zhang, S. Q.	PHYSICAL REVIEW C	2008	78	2	24313	http://dx.doi.org/10.1103/PhysRevC.78.024313
50	CP measurement in quantum teleportation of neutral mesons	Shi, Yu; Wu, Yue-Liang	EUROPEAN PHYSICAL JOURNAL C	2008	55	3	477-482	http://dx.doi.org/10.1140/epjc/s10052-008-0593-7
51	Creation of entanglement between two electron spins induced by many spin ensemble excitations	Ai, Q.; Li, Y.; Long, G. L.; Sun, C. P.	EUROPEAN PHYSICAL JOURNAL D	2008	48	2	293-300	http://dx.doi.org/10.1140/epjd/e2008-00101-8
52	Current experimental constraints on the next-to-minimal supersymmetric standard model with large lambda	Cao, Junjie; Yang, Jin Min	PHYSICAL REVIEW D	2008	78	11	115001	http://dx.doi.org/10.1103/PhysRevD.78.115001
53	Curvaton dynamics and the non-linearity parameters in the curvaton model	Huang, Qing-Guo; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2008		9	25	http://dx.doi.org/10.1088/1475-7516/2008/09/025
54	Cycle of segregation patterns in vertically vibrated binary granular mixtures	Liang Xuan-Wen; Li Liang-Sheng; Hou Zhao-Guo; Lue Zhen; Yang Lei; Sun Gang; Shi Qing-Fan	ACTA PHYSICA SINICA	2008	57	4	2300-2305	http://dx.doi.org/10.7498/aps.57.2300
55	Dark matter constraints on the left-right symmetric model with Z(2) symmetry	Guo, Wan-lei; Wang, Li-ming; Wu, Yue-liang; Zhuang, Ci	PHYSICAL REVIEW D	2008	78	3	35015	http://dx.doi.org/10.1103/PhysRevD.78.035015
56	Decays of J/psi and psi' into vector and pseudoscalar mesons and the pseudoscalar glueball-q(q)over-bar mixing	Li, Gang; Zhao, Qiang; Chang, Chao-Hsi	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2008	35	5	55002	http://dx.doi.org/10.1088/0954-3899/35/5/055002
57	Decoherence in time evolution of bound entanglement	Sun, Z.; Wang, X. G.; Gao, Y. B.; Sun, C. P.	EUROPEAN PHYSICAL JOURNAL D	2008	46	3	521-530	http://dx.doi.org/10.1140/epjd/e2007-00319-x
58	Description of pi g(9/2) circle times nu h(11/2) doublet bands in Rh-106	Wang, S. Y.; Zhang, S. Q.; Qi, B.; Peng, J.; Yao, J. M.; Meng, J.	PHYSICAL REVIEW C	2008	77	3	34314	http://dx.doi.org/10.1103/PhysRevC.77.034314
59	Differential representations of SO(4) dynamical group	Dun, Zhao; Shun-Jin, Wang; Hong-Gang, Luo	COMMUNICATIONS IN THEORETICAL PHYSICS	2008	50	1	63-68	http://dx.doi.org/10.1088/0253-6102/50/1/13
60	Direct CP violation of B -> lv in unparticle physics	Huang, Chao-Shang; Wu, Xiao-Hong	PHYSICAL REVIEW D	2008	77	7	75014	http://dx.doi.org/10.1103/PhysRevD.77.075014
61	Distribution function of dark matter with constant anisotropy	Ma, Ding; He, Ping	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2008	17	8	1283-1294	http://dx.doi.org/10.1142/S0218271808012826
62	Distribution of equilibrium free energies in a thermodynamic system with broken ergodicity	Zhou Hai-Jun; Li Kang	COMMUNICATIONS IN THEORETICAL PHYSICS	2008	49	3	659-664	
63	Duality cascade in brane inflation	Bean, Rachel; Chen, Xingang; Hailu, Girma; Tye, S-H Henry; Xu, Jiajun	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2008		3	26	http://dx.doi.org/10.1088/1475-7516/2008/03/026

64	Dynamic generation of entangling wave packets in XY spin system with decaying long-range couplings	Yang Shuo; Song Zhi; Sun ChangPu	SCIENCE IN CHINA SERIES G-PHYSICS MECHANICS & ASTRONOMY	2008	51	1	45-55	http://dx.doi.org/10.1007/s11433-008-0002-0
65	Dynamics of holographic vacuum energy in the DGP model	Wu, Xing; Cai, Rong-Gen; Zhu, Zong-Hong	PHYSICAL REVIEW D	2008	77	4	43502	http://dx.doi.org/10.1103/PhysRevD.77.043502
66	Effects of triaxial deformation and pairing correlation on the proton emitter Tm-145	Yao, J. M.; Sun, B.; Woods, P. J.; Meng, J.	PHYSICAL REVIEW C	2008	77	2	24315	http://dx.doi.org/10.1103/PhysRevC.77.024315
67	Elastic theory of low-dimensional continua and its applications in bio- and nano-structures (vol 5, pg 422, 2008)	Tu, Z. C.; Ou-Yang, Z. C.	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	2008	5	6	1192-1192	http://dx.doi.org/10.1166/jctn.2008.017e
68	Elastic-theory of low-dimensional continua and its applications in bio- and nano-structures	Tu, Z. C.; Ou-Yang, Z. C.	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	2008	5	4	422-448	
69	Electric potential generated in ZnO nanowire due to piezoelectric effect	Tong, Huan; Wang, Bo-Lin; Ou-Yang, Zhong-Can	THIN SOLID FILMS	2008	516	9	2708-2710	http://dx.doi.org/10.1016/j.tsf.2007.04.155
70	Electrorheological Fluid Dynamics	Zhang, Jianwei; Gong, Xiuqing; Liu, Chun; Wen, Weijia; Sheng, Ping	PHYSICAL REVIEW LETTERS	2008	101	19	194503	http://dx.doi.org/10.1103/PhysRevLett.101.194503
71	Electrorheological fluid dynamics	Zhang, Jianwei; Liu, Chun; Sheng, Ping	COMPLEX SYSTEMS-BOOK 1	2008	982		541-+	
72	Energy-dependent Lorentz covariant parameterization of the NN interaction between 50 and 200 MeV	Li, Z. P.; Hillhouse, G. C.; Meng, J.	PHYSICAL REVIEW C	2008	77	1	14001	http://dx.doi.org/10.1103/PhysRevC.77.014001
73	Entropy function and universality of entropy-area relation for small black holes	Cai, Rong-Gen; Chen, Chiang-Mei; Maeda, Kei-Ichi; Ohta, Nobuyoshi; Pang, Da-Wei	PHYSICAL REVIEW D	2008	77	6	64030	http://dx.doi.org/10.1103/PhysRevD.77.064030
74	Evolution of perturbations of squashed Kaluza-Klein black holes: Escape from instability	Ishihara, Hideki; Kimura, Masashi; Konoplya, Roman A.; Murata, Keiju; Soda, Jiro; Zhidenko, Alexander	PHYSICAL REVIEW D	2008	77	8	84019	http://dx.doi.org/10.1103/PhysRevD.77.084019
75	Exact solutions of embedding the four-dimensional perfect fluid in a five- or higher-dimensional Einstein spacetime and the cosmological interpretations	Ren, Jie; Meng, Xin-He; Zhao, Liu	PHYSICS LETTERS B	2008	662	4	360-366	http://dx.doi.org/10.1016/j.physletb.2008.03.023
76	Exclusive B -> VV decays and CP violation in the general two-Higgs-doublet model	Bao, Shou-Shan; Su, Fang; Wu, Yue-Liang; Zhuang, Ci	PHYSICAL REVIEW D	2008	77	9	95004	http://dx.doi.org/10.1103/PhysRevD.77.095004
77	Fermion masses and mixings in grand unified theories with noncanonical U(1)(Y)	Gogoladze, Iliia; Lee, Chin-Aik; Li, Tianjun; Shafi, Qaisar	PHYSICAL REVIEW D	2008	78	1	15024	http://dx.doi.org/10.1103/PhysRevD.78.015024
78	Fidelity susceptibility and long-range correlation in the Kitaev honeycomb model	Yang, Shuo; Gu, Shi-Jian; Sun, Chang-Pu; Lin, Hai-Qing	PHYSICAL REVIEW A	2008	78	1	12304	http://dx.doi.org/10.1103/PhysRevA.78.012304
79	First-principles study of MgB2 film on the MgO(111) polar surface	Zhu, Z. H.; Yan, X. H.; Guo, Z. H.; Yang, Y. R.	PHYSICS LETTERS A	2008	372	10	1671-1675	http://dx.doi.org/10.1016/j.physleta.2007.10.040
80	From quantum spectra to classical orbits: Varying rectangular billiards	Lu, Jun	PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL	2008	18	8	927-930	http://dx.doi.org/10.1016/j.pnsc.2008.03.007
81	From the complete Yang model to Snyder's model, de Sitter special relativity and their duality	Wu Hong-Tu; Huang Chao-Guang; Guo Han-Ying	CHINESE PHYSICS LETTERS	2008	25	8	2751-2753	
82	Further research on high-spin structure in Lu-161	Li YanXia; Yu ShaoYing; Shen CaiWan; Li XiaoWei; Chen YongShou	SCIENCE IN CHINA SERIES G-PHYSICS MECHANICS & ASTRONOMY	2008	51	3	315-320	http://dx.doi.org/10.1007/s11433-008-0032-7
83	Gauge symmetry in Kitaev-type spin models and index theorems on odd manifolds	Yu, Yue	NUCLEAR PHYSICS B	2008	799	3	345-363	http://dx.doi.org/10.1016/j.nuclphysb.2008.01.029
84	Gauge theory model of the neutrino and new physics beyond the standard model	Wu, Yue-Liang	PHYSICAL REVIEW D	2008	77	11	113009	http://dx.doi.org/10.1103/PhysRevD.77.113009
85	General formula for the four-quark condensate and vacuum factorization assumption	Zong, Hong-Shi; He, Deng-Ke; Hou, Feng-Yao; Sun, Wei-Min	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2008	23	10	1507-1520	http://dx.doi.org/10.1142/S0217751X08039700
86	General single field inflation with large positive non-Gaussianity	Li, Miao; Wang, Tower; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2008		3	28	http://dx.doi.org/10.1088/1475-7516/2008/03/028
87	Generalization of Friedberg-Lee symmetry	Huang, Chao-Shang; Li, Tianjun; Liao, Wei; Zhu, Shou-Hua	PHYSICAL REVIEW D	2008	78	1	13005	http://dx.doi.org/10.1103/PhysRevD.78.013005
88	Generalized Vaidya spacetime in Lovelock gravity and thermodynamics on the apparent horizon	Cai, Rong-Gen; Cao, Li-Ming; Hu, Ya-Peng; Kim, Sang Pyo	PHYSICAL REVIEW D	2008	78	12	124012	http://dx.doi.org/10.1103/PhysRevD.78.124012
89	Gravitational anomaly and Hawking radiation near a weakly isolated horizon	Wu, Xiaoning; Huang, Chao-Guang; Sun, Jia-Rui	PHYSICAL REVIEW D	2008	77	12	124023	http://dx.doi.org/10.1103/PhysRevD.77.124023
90	GRAVITATIONAL ANOMALY AND HAWKING RADIATION OF BRANEWORLD BLACK HOLES	Huang, Chao-Guang; Sun, Jia-Rui; Wu, Xiaoning; Zhang, Hai-Qing	MODERN PHYSICS LETTERS A	2008	23	34	2957-2966	http://dx.doi.org/10.1142/S0217732308026364
91	Hawking radiation of black rings from anomalies	Chen, Bin; He, Wei	CLASSICAL AND QUANTUM GRAVITY	2008	25	13	135011	http://dx.doi.org/10.1088/0264-9381/25/13/135011
92	Hawking-Moss tunneling in non-commutative eternal inflation	Cai, Yi-Fu; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2008		1	1	http://dx.doi.org/10.1088/1475-7516/2008/01/001
93	Higgs boson productions at the CERN LHC as a probe of different lightest Higgs models with T parity	Wang, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2008	77	1	15020	http://dx.doi.org/10.1103/PhysRevD.77.015020

94	Higgs-boson and Z-boson flavor-changing neutral-current decays correlated with B-meson decays in the littlest Higgs model with T parity	Han, Xiao-Fang; Wang, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2008	78	7	75017	http://dx.doi.org/10.1103/PhysRevD.78.075017
95	High spin baryon in hot strongly coupled plasma	Li, Miao; Zhou, Yang; Pu, Shi	JOURNAL OF HIGH ENERGY PHYSICS	2008		10	10	http://dx.doi.org/10.1088/1126-6708/2008/10/010
96	Highly dense and perfectly aligned single-walled carbon nanotubes fabricated by diamond wire drawing dies	Liu, Guangtong; Zhao, Yuanchun; Deng, Ke; Liu, Zheng; Chu, Weiguang; Chen, Jingran; Yang, Yanlian; Zheng, Kaihong; Huang, Haibo; Ma, Wenjun; Song, Li; Yang, Haifang; Gu, Changzhi; Rao, Guanghui; Wang, Chen; Xie, Sishen; Sun, Lianfeng	NANO LETTERS	2008	8	4	1071-1075	http://dx.doi.org/10.1021/nl073007o
97	High-spin states in Yb-156 and structure evolutions at large angular momenta in even-A Yb isotopes	Li, Z. Y.; Hua, H.; Wang, S. Y.; Meng, J.; Li, Z. H.; Li, X. Q.; Xu, F. R.; Liu, H. L.; Zhang, S. Q.; Ye, Y. L.; Jiang, D. X.; Zheng, T.; Ma, L. Y.; Lu, F.; Fan, F. Y.; Han, L. Y.; Wang, H.; Xiao, J.; Chen, D.; Fang, X.; Lou, J. L.; Zhou, S. G.; Zhu, L. H.; Wu, X. G.; Li, G. S.; He, C. Y.; Liu, Y.; Li, X. Q.; Hao, X.; Pan, B.; Li, L. H.	PHYSICAL REVIEW C	2008	77	6	64323	http://dx.doi.org/10.1103/PhysRevC.77.064323
98	Holographic cosmological constant and dark energy	Feng, Chao-Jun	PHYSICS LETTERS B	2008	663	5	367-371	http://dx.doi.org/10.1016/j.physletb.2008.04.051
99	Implications of canonical gauge coupling unification in high-scale supersymmetry breaking	Barger, V.; Deshpande, N. G.; Jiang, Jing; Langacker, Paul; Li, Tianjun	NUCLEAR PHYSICS B	2008	793	1-2	307-325	http://dx.doi.org/10.1016/j.nuclphysb.2007.10.013
100	Induced entanglement enhanced by quantum criticality	Ai, Qing; Shi, Tao; Long, Guilu; Sun, C. P.	PHYSICAL REVIEW A	2008	78	2	22327	http://dx.doi.org/10.1103/PhysRevA.78.022327
101	Inflationary non-Gaussianity from thermal fluctuations	Chen, Bin; Wang, Yi; Xue, Wei	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2008		5	14	http://dx.doi.org/10.1088/1475-7516/2008/05/014
102	Influence of heavy-quark recombination on the nucleon strangeness asymmetry	Gao, Puze; Ma, Bo-Qiang	PHYSICAL REVIEW D	2008	77	5	54002	http://dx.doi.org/10.1103/PhysRevD.77.054002
103	Integrability of the Gross-Pitaevskii equation with Feshbach resonance management	Zhao, Dun; Luo, Hong-Gang; Chai, Hua-Yue	PHYSICS LETTERS A	2008	372	35	5644-5650	http://dx.doi.org/10.1016/j.physleta.2008.07.013
104	Interferences in Photodetachment of a Negative Molecular Ion Model	Afaq, A.; Du Meng-Li	COMMUNICATIONS IN THEORETICAL PHYSICS	2008	50	6	1401-1406	http://dx.doi.org/10.1088/0253-6102/50/6/32
105	Iron-based layered compound LaFeAsO is an antiferromagnetic semimetal	Ma, Fengjie; Lu, Zhong-Yi	PHYSICAL REVIEW B	2008	78	3	33111	http://dx.doi.org/10.1103/PhysRevB.78.033111
106	ISOSPIN DEPENDENCE OF REACTIONS Ca-48+Bk243-251	Shen, Caiwan; Abe, Yasuhisa; Boilley, David; Kosenko, Grigory; Zhao, Enguang	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2008	17		66-79	http://dx.doi.org/10.1142/S0218301308011768
107	Isvector scalar field effects in asymmetric nuclear matter	Liu Bo; Shen Cai-Wan; Di Toro, M.; Zhao En-Guang	COMMUNICATIONS IN THEORETICAL PHYSICS	2008	49	1	199-206	
108	KIDNEY-BOOJUM-LIKE SOLUTIONS AND EXACT SHAPE EQUATION OF LIPID MONOLAYER DOMAINS	Iwamoto, Mitsumasa; Liu, Fei; Ou-Yang, Zhong-Can	STATISTICAL PHYSICS, HIGH ENERGY, CONDENSED MATTER AND MATHEMATICAL PHYSICS	2008			477-+	http://dx.doi.org/10.1142/9789812794185_0046
109	Kidney-boojum-like solutions and exact shape equation of lipid monolayer domains	Iwamoto, Mitsumasa; Liu, Fei; Ou-Yang, Zhong-Can	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2008	22	13	2047-2053	http://dx.doi.org/10.1142/S0217979208039253
110	KIDNEY-BOOJUM-LIKE SOLUTIONS AND EXACT SHAPE EQUATION OF SOLID-LIKE DOMAINS IN LIPID MONOLAYER	Tong, Huan; Liu, Fei; Iwamoto, Mitsumasa; Ou-Yang, Zhong-Can	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2008	22	25-26	4607-4616	http://dx.doi.org/10.1142/S021797920805036X
111	Kondo Effect in Carbon Nanotube Quantum Dots with Spin-Orbit Coupling	Fang, Tie-Feng; Zuo, Wei; Luo, Hong-Gang	PHYSICAL REVIEW LETTERS	2008	101	24	246805	http://dx.doi.org/10.1103/PhysRevLett.101.246805
112	Lateral electronic confinement in unidimensional noble metal (Au, Pt) nanowires	Zhu, Z. H.; Yan, X. H.; Lu, D.; Guo, Z. H.; Huang, X.	SURFACE SCIENCE	2008	602	14	L104-L107	http://dx.doi.org/10.1016/j.susc.2008.05.031
113	Lifetime of doubly charmed baryons	Chang, Chao-Hsi; Li, Tong; Li, Xue-Qian; Wang, Yu-Ming	COMMUNICATIONS IN THEORETICAL PHYSICS	2008	49	4	993-1000	
114	M2-branes coupled to antisymmetric fluxes	Li, Miao; Wang, Tower	JOURNAL OF HIGH ENERGY PHYSICS	2008		7	93	http://dx.doi.org/10.1088/1126-6708/2008/07/093
115	Magneto-optical Stern-Gerlach effect in an atomic ensemble	Guo, Yu; Zhou, Lan; Kuang, Le-Man; Sun, C. P.	PHYSICAL REVIEW A	2008	78	1	13833	http://dx.doi.org/10.1103/PhysRevA.78.013833
116	Masses and widths of light scalar mesons in chiral perturbation theory	Chen Xiao-Zhao; Li Xiao-Ya; Lue Xiao-Fu	COMMUNICATIONS IN THEORETICAL PHYSICS	2008	49	2	451-455	
117	Microscopic linear response calculations based on the Skyrme functional plus the pairing contribution	Li, Jun; Colo, Gianluca; Meng, Jie	PHYSICAL REVIEW C	2008	78	6	64304	http://dx.doi.org/10.1103/PhysRevC.78.064304
118	Microscopic work distribution of small systems in quantum isothermal processes and the minimal work principle	Quan, H. T.; Yang, S.; Sun, C. P.	PHYSICAL REVIEW E	2008	78	2	21116	http://dx.doi.org/10.1103/PhysRevE.78.021116
119	N M2-branes to N D2-branes	Pang, Yi; Wang, Tower	PHYSICAL REVIEW D	2008	78	12	125007	http://dx.doi.org/10.1103/PhysRevD.78.125007
120	Neutrino oscillation and the Daya Bay theta(13) experiment	Young, Bing-Lin	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2008	23	13	1929-1948	http://dx.doi.org/10.1142/S0217751X08040561

121	Neutron star properties in density-dependent relativistic Hartree-Fock theory	Sun, Bao Yuan; Long, Wen Hui; Meng, Jie; Lombardo, U.	PHYSICAL REVIEW C	2008	78	6	65805	http://dx.doi.org/10.1103/PhysRevC.78.065805
122	Noise suppression for micromechanical resonator via intrinsic dynamic feedback	Ian, Hou; Gong, Zhi-ru; Sun, Chang-pu	FRONTIERS OF PHYSICS IN CHINA	2008	3	3	294-305	http://dx.doi.org/10.1007/s11467-008-0025-z
123	Noncommutative differential calculus and its application on discrete spaces	Liu Zhen; Bai Yong-Qiang; Wu Ke; Guo Han-Ying	COMMUNICATIONS IN THEORETICAL PHYSICS	2008	49	1	37-44	
124	Note on self-gravitating radiation in AdS spacetime	Li, Zhong-Hua; Hu, Bin; Cai, Rong-Gen	PHYSICAL REVIEW D	2008	77	10	104032	http://dx.doi.org/10.1103/PhysRevD.77.104032
125	Number statistics of ultracold bosons in an optical lattice	Wen, Yu Chuan; Gan, Jing Yu; Lu, Xiancong; Yu, Yue	JOURNAL OF PHYSICS-CONDENSED MATTER	2008	20	21	215227	http://dx.doi.org/10.1088/0953-8984/20/21/215227
126	On perturbations of a quintom bounce	Cai, Yi-Fu; Qiu, Taotao; Brandenberger, Robert; Piao, Yun-Song; Zhang, Xinmin	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2008		3	13	http://dx.doi.org/10.1088/1475-7516/2008/03/013
127	On supersymmetries	Liu, Chun	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS	2008	175		233-236	http://dx.doi.org/10.1016/j.nuclphysbps.2007.11.004
128	On torsion-free vacuum solutions of the model of de Sitter gauge theory of gravity	Huang, Chao-guang; Tian, Yu; Wu, Xiaoning; Guo, Han-ying	FRONTIERS OF PHYSICS IN CHINA	2008	3	2	191-194	http://dx.doi.org/10.1007/s11467-008-0023-1
129	On two-body decays of a scalar glueball	Chao, K. T.; He, Xiao-Gang; Ma, J. P.	EUROPEAN PHYSICAL JOURNAL C	2008	55	3	417-421	http://dx.doi.org/10.1140/epjc/s10052-008-0606-6
130	One-loop renormalization of non-Abelian gauge theory and beta function based on loop regularization method	Cui, Jian-Wei; Wu, Yue-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2008	23	19	2861-2913	http://dx.doi.org/10.1142/S0217751X08040305
131	Operator product expansion of Wilson surfaces from M5-branes	Chen, Bin; Liu, Chang-Yong; Wu, Jun-Bao	JOURNAL OF HIGH ENERGY PHYSICS	2008		1	7	http://dx.doi.org/10.1088/1126-6708/2008/01/007
132	Orientation effects of deformed nuclei on the production of superheavy elements	Wang, Nan; Li, Jun-qing; Zhao, En-guang	PHYSICAL REVIEW C	2008	78	5	54607	http://dx.doi.org/10.1103/PhysRevC.78.054607
133	PAIRING PROPERTIES OF SYMMETRIC NUCLEAR MATTER IN RELATIVISTIC MEAN FIELD THEORY	Li, J.; Sun, B. Y.; Meng, J.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	2008	17	8	1441-1452	http://dx.doi.org/10.1142/S0218301308010519
134	Partonic state and single transverse spin asymmetry in Drell-Yan process	Ma, J. P.; Sang, H. Z.	JOURNAL OF HIGH ENERGY PHYSICS	2008		11	90	http://dx.doi.org/10.1088/1126-6708/2008/11/090
135	Piezoelectric-effect-induced formation of nanorings, nanohelices, and straight nanobelts of ZnO	Wang, Bo-Lin; Cao, Yu-Ning; Ou-Yang, Zhong-Can	SOFT MATERIALS	2008	6	1	34-44	http://dx.doi.org/10.1080/15394450801887299
136	Polarized gluon distribution Delta g(x) in the proton	Chen, Panying; Ji, Xiangdong	PHYSICS LETTERS B	2008	660	3	193-196	http://dx.doi.org/10.1016/j.physletb.2007.11.035
137	Polynomial structures in one-loop amplitudes	Britto, Ruth; Feng, Bo; Yang, Gang	JOURNAL OF HIGH ENERGY PHYSICS	2008		9	89	http://dx.doi.org/10.1088/1126-6708/2008/09/089
138	Possible theoretical limits on holographic quintessence from weak gravity conjecture	Ma, Yin-Zhe; Zhang, Xin	PHYSICS LETTERS B	2008	661	4	239-245	http://dx.doi.org/10.1016/j.physletb.2008.02.028
139	Primordial non-Gaussianities of general multiple-field inflation	Gao, Xian	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2008		6	29	http://dx.doi.org/10.1088/1475-7516/2008/06/029
140	Probing new physics from top quark FCNC process at LHC: A mini review	Yang, Jin Min	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2008	23	21	3343-3347	http://dx.doi.org/10.1142/S0217751X08042092
141	Probing the Hofstadter butterfly with the quantum oscillation of magnetization	Xu, W. H.; Yang, L. P.; Qin, M. P.; Xiang, T.	PHYSICAL REVIEW B	2008	78	24	241102	http://dx.doi.org/10.1103/PhysRevB.78.241102
142	PROCEEDINGS OF THE INTERNATIONAL WORKSHOP ON NUCLEAR STRUCTURE PHYSICS SHANGHAI, CHINA 1-7 JUNE 2008 PREFACE	Zhao, Y. M.; Zhao, E. G.; Jin, G. M.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	2008	17		VII-U15	http://dx.doi.org/10.1142/S0218301308011689
143	Production of B-c or (B)over-bar(c) meson and its excited states via (t)over-bar-quark or t-quark decays	Chang, Chao-Hsi; Wang, Jian-Xiong; Wu, Xing-Gang	PHYSICAL REVIEW D	2008	77	1	14022	http://dx.doi.org/10.1103/PhysRevD.77.014022
144	Production of Lambda-hypernuclei in A(p,K+)(Lambda)B reactions	Jing Han-Tao; Shen Peng-Nian; Jiang Huan-Qing	CHINESE PHYSICS C	2008	32	12	962-971	http://dx.doi.org/10.1088/1674-1137/32/12/005
145	Production of X(3872) at PANDA	Chen, G. Y.; Ma, J. P.	PHYSICAL REVIEW D	2008	77	9	97501	http://dx.doi.org/10.1103/PhysRevD.77.097501
146	Prokaryotic branch of the Tree of Life: A composition vector approach	Bai-Lin Hao; Lei Gao	JOURNAL OF SYSTEMATICS AND EVOLUTION	2008	46	3	258-262	http://dx.doi.org/10.3724/SP.J.1002.2008.08008
147	Properties of the composite systems formed in the reactions of U-238+U-238 and Th-232+Cf-250	Tian, Junlong; Wu, Xizhen; Zhao, Kai; Zhang, Yingxun; Li, Zhuxia	PHYSICAL REVIEW C	2008	77	6	64603	http://dx.doi.org/10.1103/PhysRevC.77.064603
148	QCD approach to B -> D pi decays and CP violation	Su Fang; Wu Yue-Liang; Yang Ya-Dong; Zhuang Ci	COMMUNICATIONS IN THEORETICAL PHYSICS	2008	49	3	707-716	
149	Quantum supercavity with atomic mirrors	Zhou, Lan; Dong, H.; Liu, Yu-xi; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW A	2008	78	6	63827	http://dx.doi.org/10.1103/PhysRevA.78.063827
150	Quantum theory for spatial motion of polaritons in inhomogeneous fields	Zhou, Lan; Lu, Jing; Zhou, D. L.; Sun, C. P.	PHYSICAL REVIEW A	2008	77	2	23816	http://dx.doi.org/10.1103/PhysRevA.77.023816
151	QUARK MASS RATIOS AND MASS SPLIT OF pi(0) - pi(+/-) IN ChPT WITH THE DIFFERENCE OF QUARK CONDENSATES CONSIDERED	Li, Xiaoya; Wang, Bin; Chen, Xiaozhao; Lue, Xiaofu	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2008	23	22	3493-3507	http://dx.doi.org/10.1142/S0217751X08039931
152	Quasinormal modes in the background of charged Kaluza-Klein black hole with squashed horizons	He, Xi; Wang, Bin; Chen, Songbai; Cai, Rong-Gen; Lin, Chi-Yong	PHYSICS LETTERS B	2008	665	5	392-400	http://dx.doi.org/10.1016/j.physletb.2008.06.038

153	Quaternion-octonion analyticity for Abelian and non-Abelian gauge theories of dyons	Bisht, P. S.; Negi, O. P. S.	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2008	47	6	1497-1511	http://dx.doi.org/10.1007/s10773-007-9591-z
154	Raman and infrared properties and layer dependence of the phonon dispersions in multilayered graphene	Jiang, Jin-Wu; Tang, Hui; Wang, Bing-Shen; Su, Zhao-Bin	PHYSICAL REVIEW B	2008	77	23	235421	http://dx.doi.org/10.1103/PhysRevB.77.235421
155	Real stabilization method for nuclear single-particle resonances	Zhang, Li; Zhou, Shan-Gui; Meng, Jie; Zhao, En-Guang	PHYSICAL REVIEW C	2008	77	1	14312	http://dx.doi.org/10.1103/PhysRevC.77.014312
156	Realistic type IIB supersymmetric Minkowski flux vacua	Chen, Ching-Ming; Li, Tianjun; Liu, Yan; Nanopoulos, Dimitri V.	PHYSICS LETTERS B	2008	668	1	63-66	http://dx.doi.org/10.1016/j.physletb.2008.08.010
157	Reconstructing generalized ghost condensate model with dynamical dark energy parametrizations and observational datasets	Zhang, Jingfei; Zhang, Xin; Liu, Hongya	MODERN PHYSICS LETTERS A	2008	23	2	139-152	http://dx.doi.org/10.1142/S0217732308023505
158	Reconstruction of Gas Temperature and Density Profiles of the Galaxy Cluster RX J1347.5-1145	Yuan, Qiang; Zhang, Tong-Jie; Wang, Bao-Quan	CHINESE JOURNAL OF ASTRONOMY AND ASTROPHYSICS	2008	8	6	671-676	http://dx.doi.org/10.1088/1009-9271/8/6/05
159	Reheating and cosmic string production	Feng, Chao-Jun; Gao, Xian; Li, Miao; Song, Wei; Song, Yushu	NUCLEAR PHYSICS B	2008	800	1-2	190-203	http://dx.doi.org/10.1016/j.nuclphysb.2008.03.011
160	Rescattering effect and near threshold enhancement of $p(\bar{p})$ system	Chen, G. Y.; Dong, H. R.; Ma, J. P.	PHYSICAL REVIEW D	2008	78	5	54022	http://dx.doi.org/10.1103/PhysRevD.78.054022
161	Reversible transitions between peptide nanotubes and vesicle-like structures including theoretical modeling studies	Yan, Xuehai; Cui, Yue; He, Qiang; Wang, Kewei; Li, Junbai; Mu, Weihua; Wang, Bolin; Ou-yang, Zhong-can	CHEMISTRY-A EUROPEAN JOURNAL	2008	14	19	5974-5980	http://dx.doi.org/10.1002/chem.200800012
162	Revisiting Quaternion Dual Electrodynamics	Bisht, P. S.; Negi, O. P. S.	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2008	47	12	3108-3120	http://dx.doi.org/10.1007/s10773-008-9744-8
163	Rigorous solution of the spin-1 quantum ising model with single-ion anisotropy	Yang, Zhihua; Yang, Liping; Dai, Jianhui; Xiang, Tao	PHYSICAL REVIEW LETTERS	2008	100	6	67203	http://dx.doi.org/10.1103/PhysRevLett.100.067203
164	Scalar wormholes in a cosmological setting and their instability	Sushkov, Sergey V.; Zhang, Yuan-Zhong	PHYSICAL REVIEW D	2008	77	2	24042	http://dx.doi.org/10.1103/PhysRevD.77.024042
165	Scaling analysis of normal-state properties of high-temperature superconductors	Luo, H. G.; Su, Y. H.; Xiang, T.	PHYSICAL REVIEW B	2008	77	1	14529	http://dx.doi.org/10.1103/PhysRevB.77.014529
166	Search for multiple chiral doublets in rhodium isotopes	Peng, J.; Sagawa, H.; Zhang, S. Q.; Yao, J. M.; Zhang, Y.; Meng, J.	PHYSICAL REVIEW C	2008	77	2	24309	http://dx.doi.org/10.1103/PhysRevC.77.024309
167	Self-consistently thermodynamic treatment for strange quark matter in the effective mass bag model	Bao, Tmurbagan; Liu, Guang-Zhou; Zhao, En-Guang; Zhu, Ming-Feng	EUROPEAN PHYSICAL JOURNAL A	2008	38	3	287-293	http://dx.doi.org/10.1140/epja/i2008-10682-6
168	Shape evolution of C isotopes in (beta, gamma) deformation plane	Zhang, Ying; Sagawa, Hiroyuki; Yoshino, Daishi; Hagino, Kouichi; Meng, Jie	PROGRESS OF THEORETICAL PHYSICS	2008	120	1	129-142	http://dx.doi.org/10.1143/PTP.120.129
169	Shapes of lipid monolayer domains: Solutions using elliptic functions	Iwamoto, M.; Liu, F.; Ou-Yang, Z. C.	EUROPEAN PHYSICAL JOURNAL E	2008	27	1	81-86	http://dx.doi.org/10.1140/epje/i2008-10354-y
170	Shear viscosity from AdS born-infeld black holes	Cai, Rong-Gen; Sun, Ya-Wen	JOURNAL OF HIGH ENERGY PHYSICS	2008		9	115	http://dx.doi.org/10.1088/1126-6708/2008/09/115
171	Shear viscosity from effective couplings of gravitons	Cai, Rong-Gen; Nie, Zhang-Yu; Sun, Ya-Wen	PHYSICAL REVIEW D	2008	78	12	126007	http://dx.doi.org/10.1103/PhysRevD.78.126007
172	Shear-induced domain deformation in a tilted lipid monolayer: From circle to ellipse and kinked stripe	Iwamoto, Mitsumasa; Yamamoto, Tetsuya; Liu, Fei; Ou-Yang, Zhong-Can	PHYSICAL REVIEW E	2008	78	5	51704	http://dx.doi.org/10.1103/PhysRevE.78.051704
173	Shell correction and pairing energies in the dinuclear system model	Nan, Wang; Li Jun-Qing; Zhao En-Guang	CHINESE PHYSICS LETTERS	2008	25	1	77-80	http://dx.doi.org/10.1088/0256-307X/25/1/022
174	Simulating the collapse transition of a two-dimensional semiflexible lattice polymer	Zhou, Jie; Ou-Yang, Zhong-Can; Zhou, Haijun	JOURNAL OF CHEMICAL PHYSICS	2008	128	12	124905	http://dx.doi.org/10.1063/1.2842064
175	Slowly rotating charged Gauss-Bonnet black holes in AdS spaces	Kim, Hyeong-Chan; Cai, Rong-Gen	PHYSICAL REVIEW D	2008	77	2	24045	http://dx.doi.org/10.1103/PhysRevD.77.024045
176	SO(3) gauge symmetry and nearly tri-bimaximal neutrino mixing	Wu, Yue-Liang	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2008	23	21	3376-3383	http://dx.doi.org/10.1142/S0217751X08042158
177	Solitons and vortices in an evolving Bose-Einstein condensate	Yang, Shi-Jie; Wu, Quan-Sheng; Feng, Shiping; Wen, Yu-Chuan; Yu, Yue	PHYSICAL REVIEW A	2008	77	3	35602	http://dx.doi.org/10.1103/PhysRevA.77.035602
178	Some issues concerning holographic dark energy	Li, Miao; Lin, Chunshan; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2008		5	23	http://dx.doi.org/10.1088/1475-7516/2008/05/023
179	Special issue: Proceedings of the 4th International Conference on Flavor Physics (ICFP) Beijing, China, 24-28 September 2007 - Preface	Liu, Chun; Li, Tian-Juin	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2008	23	21	III-V	
180	Special relativity and theory of gravity via maximum symmetry and localization	Guo HanYing	SCIENCE IN CHINA SERIES A-MATHEMATICS	2008	51	4	568-603	http://dx.doi.org/10.1007/s11425-007-0166-5
181	Spin-charge gauge compositeness of electron in HTS: Hints from metal-insulator crossover and entropy behavior	Marchetti, P. A.; Ambrosetti, A.; Su, Z. B.; Yu, L.	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2008	69	12	3277-3279	http://dx.doi.org/10.1016/j.jpcs.2008.06.066
182	Stability and free expansion of a dipolar Fermi gas	He, L.; Zhang, J. -N.; Zhang, Yunbo; Yi, S.	PHYSICAL REVIEW A	2008	77	3	31605	http://dx.doi.org/10.1103/PhysRevA.77.031605
183	Stability of Five-Dimensional Myers-Perry Black Holes with Equal Angular Momenta	Murata, Keiju; Soda, Jiro	PROGRESS OF THEORETICAL PHYSICS	2008	120	3	561-579	http://dx.doi.org/10.1143/PTP.120.561
184	Stability of squashed Kaluza-Klein black holes	Kimura, Masashi; Murata, Keiju; Ishihara, Hideki; Soda, Jiro	PHYSICAL REVIEW D	2008	77	6	64015	http://dx.doi.org/10.1103/PhysRevD.77.064015
185	Statefinder diagnosis for Ricci dark energy	Feng, Chao-Jun	PHYSICS LETTERS B	2008	670	3	231-234	http://dx.doi.org/10.1016/j.physletb.2008.11.005

186	Statefinder diagnosis for the interacting model of holographic dark energy	Zhang, Jingfei; Zhang, Xin; Liu, Hongya	PHYSICS LETTERS B	2008	659	1-2	26-33	http://dx.doi.org/10.1016/j.physletb.2007.10.086
187	Sterile neutrinos as the warm dark matter in the type II seesaw model	Guo, Wan-Lei	PHYSICAL REVIEW D	2008	77	3	33005	http://dx.doi.org/10.1103/PhysRevD.77.033005
188	String order and hidden topological symmetry in the SO(2n+1) symmetric matrix product states	Tu, Hong-Hao; Zhang, Guang-Ming; Xiang, Tao	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2008	41	41	415201	http://dx.doi.org/10.1088/1751-8113/41/41/415201
189	Strong-coupling superconductivity in the nickel-based oxypnictide LaNiAsO(1-x)F(x)	Li, Zheng; Chen, Gengfu; Dong, Jing; Li, Gang; Hu, Wanzheng; Wu, Dan; Su, Shaokui; Zheng, Ping; Xiang, Tao; Wang, Nanlin; Luo, Jianlin	PHYSICAL REVIEW B	2008	78	6	60504	http://dx.doi.org/10.1103/PhysRevB.78.060504
190	Structural and electronic properties of carbon nanotubes under hydrostatic pressures	Zhang Ying; Cao Jue-Xian; Yang Wei	CHINESE PHYSICS B	2008	17	5	1881-1886	
191	Study on in-medium nucleon-nucleon cross sections with proton-induced reaction cross sections data	Ou, Li; Li, Zhuxia; Wu, Xizhen	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2008	35	5	55101	http://dx.doi.org/10.1088/0954-3899/35/5/055101
192	Superheavy fragments produced in the asymmetric strongly damped collision	Tian Jun-Long; Wu Xi-Zhen; Li Zhu-Xia; Zhao Kai	CHINESE PHYSICS C	2008	32	1	34-39	http://dx.doi.org/10.1088/1674-1137/32/1/008
193	Supersymmetric Hamiltonian approach to edge excitations in nu=5/2 fractional quantum Hall effect	Yu, Ming; Zhang, Xin	NUCLEAR PHYSICS B	2008	798	3	323-339	http://dx.doi.org/10.1016/j.nuclphysb.2007.10.030
194	Supersymmetry and the Goldstino-like mode in Bose-Fermi mixtures	Yu, Yue; Yang, Kun	PHYSICAL REVIEW LETTERS	2008	100	9	90404	http://dx.doi.org/10.1103/PhysRevLett.100.090404
195	Systematic Kinetics Study of FoF1-ATPase: Analytic Results and Comparison with Experiments	Shu, Yao-Gen; Lai, Pik-Yin	JOURNAL OF PHYSICAL CHEMISTRY B	2008	112	42	13453-13459	http://dx.doi.org/10.1021/jp8052696
196	T -> 0 mean-field population dynamics approach for the random 3-satisfiability problem	Zhou, Haijun	PHYSICAL REVIEW E	2008	77	6	66102	http://dx.doi.org/10.1103/PhysRevE.77.066102
197	TeV scale Lee-Wick fields out of large extra dimensional gravity	Wu, Feng; Zhong, Ming	PHYSICAL REVIEW D	2008	78	8	85010	http://dx.doi.org/10.1103/PhysRevD.78.085010
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