

SCI Papers of ITP in 2009

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	A full spd tight-binding treatment for electronic bands of graphitic tubes	Tang, Hui; Jiang, Jin-Wu; Wang, Bing-Shen; Su, Zhao-Bin	SOLID STATE COMMUNICATIONS	2009	149	1-2	82-86	<a href="http://dx.doi.org/10.1016/j.ssc.2008.10.012">http://dx.doi.org/10.1016/j.ssc.2008.10.012</a>
2	A fungal phylogeny based on 82 complete genomes using the composition vector method	Wang, Hao; Xu, Zhao; Gao, Lei; Hao, Bailin	BMC EVOLUTIONARY BIOLOGY	2009	9		195	<a href="http://dx.doi.org/10.1186/1471-2148-9-195">http://dx.doi.org/10.1186/1471-2148-9-195</a>
3	A generalized integral fluctuation theorem for general jump processes	Liu, Fei; Luo, Yu-Pin; Huang, Ming-Chang; Ou-Yang, Zhong-can	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2009	42	33	332003	<a href="http://dx.doi.org/10.1088/1751-8113/42/33/332003">http://dx.doi.org/10.1088/1751-8113/42/33/332003</a>
4	A geometric description of the non-Gaussianity generated at the end of multi-field inflation	Huang, Qing-Guo	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2009		6	35	<a href="http://dx.doi.org/10.1088/1475-7516/2009/06/035">http://dx.doi.org/10.1088/1475-7516/2009/06/035</a>
5	A Lifshitz black hole in four dimensional R-2 gravity	Cai, Rong-Gen; Liu, Yan; Sun, Ya-Wen	JOURNAL OF HIGH ENERGY PHYSICS	2009		10	80	<a href="http://dx.doi.org/10.1088/1126-6708/2009/10/080">http://dx.doi.org/10.1088/1126-6708/2009/10/080</a>
6	A Light-Cone QCD Inspired Effective Hamiltonian Model with SU(3) Flavor Mixing	Guo Xiao-Bo; Tao Jun; Li Lei; Zhou Shan-Gui; Wang Shun-Jin	CHINESE PHYSICS LETTERS	2009	26	4	41201	
7	A Model Study of Equation of State of QCD at Finite Chemical Potential and Zero Temperature	Hou Feng-Yao; Jiang Yu; Sun Wei-Min; Zong Hong-Shi	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	51	3	499-505	
8	A MODEL STUDY OF QUARK NUMBER SUSCEPTIBILITY AT FINITE CHEMICAL POTENTIAL AND ZERO TEMPERATURE	Zhang, Yan-Bin; Hou, Feng-Yao; Jiang, Yu; Sun, Wei-Min; Zong, Hong-Shi	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2009	24	12	2241-2251	<a href="http://dx.doi.org/10.1142/S0217751X09043171">http://dx.doi.org/10.1142/S0217751X09043171</a>
9	A parametrization for the growth index of linear matter perturbations	Wu, Puxun; Yu, Hongwei; Fu, Xiangyun	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2009		6	19	<a href="http://dx.doi.org/10.1088/1475-7516/2009/06/019">http://dx.doi.org/10.1088/1475-7516/2009/06/019</a>
10	A quantitative criteria for the coincidence problem	Zhang, Hongsheng; Yu, Heng; Zhu, Zong-Hong; Gong, Yungui	PHYSICS LETTERS B	2009	678	4	331-334	<a href="http://dx.doi.org/10.1016/j.physletb.2009.05.062">http://dx.doi.org/10.1016/j.physletb.2009.05.062</a>
11	A quantum transfer matrix method for one-dimensional disordered electronic systems	Yang, L. P.; Wang, Y. J.; Xu, W. H.; Qin, M. P.; Xiang, T.	JOURNAL OF PHYSICS-CONDENSED MATTER	2009	21	14	145407	<a href="http://dx.doi.org/10.1088/0953-8984/21/14/145407">http://dx.doi.org/10.1088/0953-8984/21/14/145407</a>
12	A Solution to a Single Molecular Experiment Problem	Liu, Yanhui; Chen, Hu; Hu, Lin; Ou-Yang, Zhong-Can; Yan, Jie	COMMUNICATIONS IN COMPUTATIONAL PHYSICS	2009	6	3	577-585	
13	A spherical-box approach for resonances in the presence of the Coulomb interaction	Zhou, Shan-Gui; Meng, Jie; Zhao, En-Guang	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2009	42	24	245001	<a href="http://dx.doi.org/10.1088/0953-4075/42/24/245001">http://dx.doi.org/10.1088/0953-4075/42/24/245001</a>
14	A trouble with Horava-Lifshitz gravity	Li, Miao; Pang, Yi	JOURNAL OF HIGH ENERGY PHYSICS	2009		8	15	<a href="http://dx.doi.org/10.1088/1126-6708/2009/08/015">http://dx.doi.org/10.1088/1126-6708/2009/08/015</a>
15	Actin Polymerization and Depolymerization Coupled to Cooperative Hydrolysis	Li, Xin; Kierfeld, Jan; Lipowsky, Reinhard	PHYSICAL REVIEW LETTERS	2009	103	4	48102	<a href="http://dx.doi.org/10.1103/PhysRevLett.103.048102">http://dx.doi.org/10.1103/PhysRevLett.103.048102</a>
16	Adsorption of externally stretched two-dimensional flexible and semiflexible polymers near an attractive wall	Lam, Pui-Man; Zhen, Yi; Zhou, Haijun; Zhou, Jie	PHYSICAL REVIEW E	2009	79	6	61127	<a href="http://dx.doi.org/10.1103/PhysRevE.79.061127">http://dx.doi.org/10.1103/PhysRevE.79.061127</a>
17	alpha-Decay calculations of medium mass nuclei within generalized density-dependent cluster model	Ni, Dongdong; Ren, Zhongzhou	NUCLEAR PHYSICS A	2009	828	3-4	348-359	<a href="http://dx.doi.org/10.1016/j.nuclphysa.2009.07.014">http://dx.doi.org/10.1016/j.nuclphysa.2009.07.014</a>
18	An extension for direct gauge mediation of metastable supersymmetry breaking	Xu, Fuqiang; Yang, Jin Min	EPL	2009	85	6	61001	<a href="http://dx.doi.org/10.1209/0295-5075/85/61001">http://dx.doi.org/10.1209/0295-5075/85/61001</a>
19	Angle-Resolved Photoluminescence Spectrum of the Exciton Condensate in Electron-Hole Semiconductor Bilayers	Ye, Jinwu; Shi, Tao; Jiang, Longhua	PHYSICAL REVIEW LETTERS	2009	103	17	177401	<a href="http://dx.doi.org/10.1103/PhysRevLett.103.177401">http://dx.doi.org/10.1103/PhysRevLett.103.177401</a>
20	Associated production of the Higgs boson and a single top quark in the littlest Higgs model at Large Hadron Collider	Yang, Shuo	PHYSICS LETTERS B	2009	675	3-4	352-355	<a href="http://dx.doi.org/10.1016/j.physletb.2009.04.035">http://dx.doi.org/10.1016/j.physletb.2009.04.035</a>
21	ATIC and PAMELA results on cosmic e(+/-) excesses and neutrino masses	Bi, Xiao-Jun; Gu, Pei-Hong; Li, Tianjun; Zhang, Xinmin	JOURNAL OF HIGH ENERGY PHYSICS	2009		4	103	<a href="http://dx.doi.org/10.1088/1126-6708/2009/04/103">http://dx.doi.org/10.1088/1126-6708/2009/04/103</a>
22	Axially deformed relativistic Hartree Bogoliubov theory with a separable pairing force	Tian, Yuan; Ma, Zhong-yu; Ring, P.	PHYSICAL REVIEW C	2009	80	2	24313	<a href="http://dx.doi.org/10.1103/PhysRevC.80.024313">http://dx.doi.org/10.1103/PhysRevC.80.024313</a>
23	B -> rho(omega, phi)eta(1') Decays and NLO Contributions in pQCD Approach	Zhang Zhi-Qing; Xiao Zhen-Jun	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	51	5	885-894	
24	Birefringence lens effects of an atom ensemble enhanced by an electromagnetically induced transparency	Zhang, H. R.; Zhou, Lan; Sun, C. P.	PHYSICAL REVIEW A	2009	80	1	13812	<a href="http://dx.doi.org/10.1103/PhysRevA.80.013812">http://dx.doi.org/10.1103/PhysRevA.80.013812</a>
25	Can black holes be torn up by phantom dark energy in cyclic cosmology?	Zhang, Xin	EUROPEAN PHYSICAL JOURNAL C	2009	60	4	661-667	<a href="http://dx.doi.org/10.1140/epjc/s10052-009-0967-5">http://dx.doi.org/10.1140/epjc/s10052-009-0967-5</a>
26	Candidate multiple chiral doublets nucleus Rh-106 in a triaxial relativistic mean-field approach with time-odd fields	Yao, J. M.; Qi, B.; Zhang, S. Q.; Peng, J.; Wang, S. Y.; Meng, J.	PHYSICAL REVIEW C	2009	79	6	67302	<a href="http://dx.doi.org/10.1103/PhysRevC.79.067302">http://dx.doi.org/10.1103/PhysRevC.79.067302</a>
27	Casimir Force of Piston Systems with Arbitrary Cross Sections under Different Boundary Conditions	Xiong Ai-Min; Chen Xiao-Song	CHINESE PHYSICS LETTERS	2009	26	6	60302	

28	Cavity approach to the Sourlas code system	Huang, Haiping; Zhou, Haijun	PHYSICAL REVIEW E	2009	80	5	56113	<a href="http://dx.doi.org/10.1103/PhysRevE.80.056113">http://dx.doi.org/10.1103/PhysRevE.80.056113</a>
29	Characterization of Phase Transition in Heisenberg Fluids from Density Functional Theory	Li Liang-Sheng; Li Li; Chen Xiao-Song	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	51	2	287-292	
30	Chiral doublet bands and energy-level crossing	Qi Bin; Meng Jie; Zhang Shuang-Quan; Wang Shou-Yu; Peng Jing	CHINESE PHYSICS C	2009	33		43-45	
31	Chiral logarithms in Delta S=1 kaon decay amplitudes in general effective flavor theories	Chen, Panying; Ke, Hongwei; Ji, Xiangdong	PHYSICAL REVIEW D	2009	80	1	14018	<a href="http://dx.doi.org/10.1103/PhysRevD.80.014018">http://dx.doi.org/10.1103/PhysRevD.80.014018</a>
32	Chirality in odd-A nucleus Nd-135 in particle rotor model	Qi, B.; Zhang, S. Q.; Meng, J.; Wang, S. Y.; Frauendorf, S.	PHYSICS LETTERS B	2009	675	2	175-180	<a href="http://dx.doi.org/10.1016/j.physletb.2009.02.061">http://dx.doi.org/10.1016/j.physletb.2009.02.061</a>
33	Color sextet scalars at the CERN Large Hadron Collider	Chen, Chuan-Ren; Klemm, William; Rentala, Vikram; Wang, Kai	PHYSICAL REVIEW D	2009	79	5	54002	<a href="http://dx.doi.org/10.1103/PhysRevD.79.054002">http://dx.doi.org/10.1103/PhysRevD.79.054002</a>
34	Comment on noncommutative deformation of instantons	Tian, Yu	JOURNAL OF GEOMETRY AND PHYSICS	2009	59	7	781-783	<a href="http://dx.doi.org/10.1016/j.geomphys.2009.03.005">http://dx.doi.org/10.1016/j.geomphys.2009.03.005</a>
35	Comments on baryon melting in quark gluon plasma with gluon condensation	Sin, Sang-Jin; Yang, Shuo; Zhou, Yang	JOURNAL OF HIGH ENERGY PHYSICS	2009		11	1	<a href="http://dx.doi.org/10.1088/1126-6708/2009/11/001">http://dx.doi.org/10.1088/1126-6708/2009/11/001</a>
36	Communities of solutions in single solution clusters of a random K-satisfiability formula	Zhou, Haijun; Ma, Hui	PHYSICAL REVIEW E	2009	80	6	66108	<a href="http://dx.doi.org/10.1103/PhysRevE.80.066108">http://dx.doi.org/10.1103/PhysRevE.80.066108</a>
37	Communities of solutions in single solution clusters of a random K-satisfiability formula (vol 80, 066108, 2009)	Zhou, Haijun; Ma, Hui	PHYSICAL REVIEW E	2009	80	6	69903	<a href="http://dx.doi.org/10.1103/PhysRevE.80.069903">http://dx.doi.org/10.1103/PhysRevE.80.069903</a>
38	Competitions of magnetism and superconductivity in FeAs-based materials	Yang Shuo; You Wen-Long; Gu Shi-Jian; Lin Hai-Qing	CHINESE PHYSICS B	2009	18	6	2545-2550	
39	Consistent boundary conditions for new massive gravity in AdS(3)	Liu, Yan; Sun, Ya-Wen	JOURNAL OF HIGH ENERGY PHYSICS	2009		5	39	<a href="http://dx.doi.org/10.1088/1126-6708/2009/05/039">http://dx.doi.org/10.1088/1126-6708/2009/05/039</a>
40	CONSTRAINING DARK ENERGY FROM THE SPLITTING ANGLE STATISTIC OF STRONG GRAVITATIONAL LENSES	Zhang, Qing-Jun; Cheng, Ling-Mei; Wu, Yue-Liang	ASTROPHYSICAL JOURNAL	2009	694	2	1402-1412	<a href="http://dx.doi.org/10.1088/0004-637X/694/2/1402">http://dx.doi.org/10.1088/0004-637X/694/2/1402</a>
41	Constraints on dark matter annihilation cross section in the brane-world and quintessence scenarios	Guo, Wan-Lei; Zhang, Xin	PHYSICAL REVIEW D	2009	79	11	115023	<a href="http://dx.doi.org/10.1103/PhysRevD.79.115023">http://dx.doi.org/10.1103/PhysRevD.79.115023</a>
42	Controlling soliton excitations in Heisenberg spin chains through the magic angle	Lu, Jing; Zhou, Lan; Kuang, Le-Man; Sun, C. P.	PHYSICAL REVIEW E	2009	79	1	16606	<a href="http://dx.doi.org/10.1103/PhysRevE.79.016606">http://dx.doi.org/10.1103/PhysRevE.79.016606</a>
43	Cooper-pair formation by anharmonic rattling modes in the beta-pyrochlore superconductor KOs2O6	Chang, Jun; Eremin, Ilya; Thalmeier, Peter	NEW JOURNAL OF PHYSICS	2009	11		55068	<a href="http://dx.doi.org/10.1088/1367-2630/11/5/055068">http://dx.doi.org/10.1088/1367-2630/11/5/055068</a>
44	Coupling Parameter in the Single-j Shell Model	Wang Shou-Yu; Qi Bin; Zhang Shuang-Quan	CHINESE PHYSICS LETTERS	2009	26	5	52102	
45	Covariant light-front approach for B-c transition form factors	Wang, Wei; Shen, Yue-Long; Lue, Cai-Dian	PHYSICAL REVIEW D	2009	79	5	54012	<a href="http://dx.doi.org/10.1103/PhysRevD.79.054012">http://dx.doi.org/10.1103/PhysRevD.79.054012</a>
46	Creating vortices in dipolar spinor condensates via rapid adiabatic passage	Zhang, J. -N.; He, L.; Pu, H.; Sun, C. -P.; Yi, S.	PHYSICAL REVIEW A	2009	79	3	33615	<a href="http://dx.doi.org/10.1103/PhysRevA.79.033615">http://dx.doi.org/10.1103/PhysRevA.79.033615</a>
47	Critical Dimension for Stable Self-Gravitating Stars in AdS	Li Zhong-Hua; Cai Rong-Gen	COMMUNICATIONS IN THEORETICAL	2009	52	2	255-260	
48	CVTree update: a newly designed phylogenetic study platform using composition vectors and whole	Xu, Zhao; Hao, Bailin	NUCLEIC ACIDS RESEARCH	2009	37		W174-W178	<a href="http://dx.doi.org/10.1093/nar/gkp278">http://dx.doi.org/10.1093/nar/gkp278</a>
49	D4 brane probes in gauge/gravity duality	Zhou, Yang	PHYSICAL REVIEW D	2009	79	6	66005	<a href="http://dx.doi.org/10.1103/PhysRevD.79.066005">http://dx.doi.org/10.1103/PhysRevD.79.066005</a>
50	Dark matter in the singlet extension of MSSM: explanation of Pamela and implication on Higgs phenomenology	Wang, Wenyu; Xiong, Zhaohua; Yang, Jin Min; Yu, Li-Xin	JOURNAL OF HIGH ENERGY PHYSICS	2009		11	53	<a href="http://dx.doi.org/10.1088/1126-6708/2009/11/053">http://dx.doi.org/10.1088/1126-6708/2009/11/053</a>
51	Decomposition of the equation of state of asymmetric nuclear matter into different spin-isospin channels	Zuo Wei; Zhou Shan-Gui; Li Jun-Qing; Zhao En-Guang; Scheid, W.	CHINESE PHYSICS C	2009	33	7	547-551	<a href="http://dx.doi.org/10.1088/1674-1137/33/7/008">http://dx.doi.org/10.1088/1674-1137/33/7/008</a>
52	Deformation constrained relativistic mean-field approach with fixed configuration and time-odd component	Li Jian; Yao Jiang-Ming; Meng Jie	CHINESE PHYSICS C	2009	33		98-100	
53	Density dependence of the nuclear symmetry energy: A microscopic perspective	Vidana, Isaac; Providencia, Constanca; Polls, Artur; Rios, Arnau	PHYSICAL REVIEW C	2009	80	4	45806	<a href="http://dx.doi.org/10.1103/PhysRevC.80.045806">http://dx.doi.org/10.1103/PhysRevC.80.045806</a>
54	Density matrix renormalization group study of a quantum impurity model with Landau-Zener time-dependent Hamiltonian	Guo, Cheng; Weichselbaum, Andreas; Kehrein, Stefan; Xiang, Tao; von Delft, Jan	PHYSICAL REVIEW B	2009	79	11	115137	<a href="http://dx.doi.org/10.1103/PhysRevB.79.115137">http://dx.doi.org/10.1103/PhysRevB.79.115137</a>
55	Deviation from the cosmological constant or systematic errors?	Qi, Shi; Lu, Tan; Wang, Fa-Yin	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2009	398	1	L78-L82	<a href="http://dx.doi.org/10.1111/j.1745-3933.2009.00713.x">http://dx.doi.org/10.1111/j.1745-3933.2009.00713.x</a>
56	Digitalized Mirror Array and Its Application in Large Telescope: Principle and Case Studies	Chen Ying-Tian; Zhang Yang; Hu Sen; Tso-Hsiu, Ho; Lim, Boon Ham; Lim, Chen Sin; Chong, Kok Keong; Tan, Boon Kok	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	52	4	750-760	

57	Direct CP violation in K-decay and minimal left-right symmetry scale	Chen, Panying; Ke, Hongwei; Ji, Xiangdong	PHYSICS LETTERS B	2009	677	3-4	157-159	<a href="http://dx.doi.org/10.1016/j.physletb.2009.04.016">http://dx.doi.org/10.1016/j.physletb.2009.04.016</a>
58	Disordering and Reordering of Ionic Liquids under an External Electric Field	Wang, Yanting	JOURNAL OF PHYSICAL CHEMISTRY	2009	113	32	11058-11060	<a href="http://dx.doi.org/10.1021/jp906228d">http://dx.doi.org/10.1021/jp906228d</a>
59	DISTRIBUTION FUNCTION IN THE CENTER OF THE DARK MATTER HALO	Ma, Ding; He, Ping	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2009	18	3	477-484	<a href="http://dx.doi.org/10.1142/S0218271809014583">http://dx.doi.org/10.1142/S0218271809014583</a>
60	Dynamic sensitivity of photon-dressed atomic ensemble with quantum criticality	Huang, Jin-Feng; Li, Yong; Liao, Jie-Qiao; Kuang, Le-Man; Sun, C. P.	PHYSICAL REVIEW A	2009	80	6	63829	<a href="http://dx.doi.org/10.1103/PhysRevA.80.063829">http://dx.doi.org/10.1103/PhysRevA.80.063829</a>
61	Dynamical properties of dipolar Fermi gases	Sogo, T.; He, L.; Miyakawa, T.; Yi, S.; Lu, H.; Pu, H.	NEW JOURNAL OF PHYSICS	2009	11		55017	<a href="http://dx.doi.org/10.1088/1367-2630/11/5/055017">http://dx.doi.org/10.1088/1367-2630/11/5/055017</a>
62	Dynamical scalar degree of freedom in Horcava-Lifshitz gravity	Cai, Rong-Gen; Hu, Bin; Zhang, Hong-Bo	PHYSICAL REVIEW D	2009	80	4	41501	<a href="http://dx.doi.org/10.1103/PhysRevD.80.041501">http://dx.doi.org/10.1103/PhysRevD.80.041501</a>
63	Dynamics and modulation of ring dark solitons in two-dimensional Bose-Einstein condensates with tunable interaction	Hu, Xing-Hua; Zhang, Xiao-Fei; Zhao, Dun; Luo, Hong-Gang; Liu, W. M.	PHYSICAL REVIEW A	2009	79	2	23619	<a href="http://dx.doi.org/10.1103/PhysRevA.79.023619">http://dx.doi.org/10.1103/PhysRevA.79.023619</a>
64	Dynamics-driven evolution to structural heterogeneity in complex networks	Shao, Zhen; Zhou, Haijun	PHYSICA A- STATISTICAL MECHANICS AND ITS	2009	388	4	523-528	<a href="http://dx.doi.org/10.1016/j.physa.2008.10.024">http://dx.doi.org/10.1016/j.physa.2008.10.024</a>
65	Editorial	Meng Jie; Liu Yuxin; Zhou ShanGui	SCIENCE IN CHINA SERIES G-PHYSICS MECHANICS & ASTRONOMY	2009	52	10	1449-1451	<a href="http://dx.doi.org/10.1007/s11433-009-0209-8">http://dx.doi.org/10.1007/s11433-009-0209-8</a>
66	Effective Hamiltonian approach to the Kerr nonlinearity in an optomechanical system	Gong, Z. R.; Ian, H.; Liu, Yu-Xi; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW A	2009	80	6	65801	<a href="http://dx.doi.org/10.1103/PhysRevA.80.065801">http://dx.doi.org/10.1103/PhysRevA.80.065801</a>
67	Effects of the tensor force on the multipole response in finite nuclei	Cao, Li-Gang; Colo, G.; Sagawa, H.; Bortignon, P. F.; Sciacchitano, L.	PHYSICAL REVIEW C	2009	80	6	64304	<a href="http://dx.doi.org/10.1103/PhysRevC.80.064304">http://dx.doi.org/10.1103/PhysRevC.80.064304</a>
68	Energetics in condensate star and wormholes	Nandi, K. K.; Zhang, Y. Z.; Cai, R. G.; Panchenko, A.	PHYSICAL REVIEW D	2009	79	2	24011	<a href="http://dx.doi.org/10.1103/PhysRevD.79.024011">http://dx.doi.org/10.1103/PhysRevD.79.024011</a>
69	Engineering integrable nonautonomous nonlinear Schrödinger equations	He, Xu-Gang; Zhao, Dun; Li, Lin; Luo, Hong-Gang	PHYSICAL REVIEW E	2009	79	5	56610	<a href="http://dx.doi.org/10.1103/PhysRevE.79.056610">http://dx.doi.org/10.1103/PhysRevE.79.056610</a>
70	Enhancement of dark matter annihilation via Breit-Wigner resonance	Guo, Wan-Lei; Wu, Yue-Liang	PHYSICAL REVIEW D	2009	79	5	55012	<a href="http://dx.doi.org/10.1103/PhysRevD.79.055012">http://dx.doi.org/10.1103/PhysRevD.79.055012</a>
71	Entanglement evolution of a spin-chain bath coupled to a quantum spin	Wang, Zhi-Hui; Wang, Bing-Shen; Su, Zhao-Bin	PHYSICAL REVIEW B	2009	79	10	104428	<a href="http://dx.doi.org/10.1103/PhysRevB.79.104428">http://dx.doi.org/10.1103/PhysRevB.79.104428</a>
72	Entropy perturbations in N-flation	Cai, Rong-Gen; Hu, Bin; Piao, Yun-Song	PHYSICAL REVIEW D	2009	80	12	123505	<a href="http://dx.doi.org/10.1103/PhysRevD.80.123505">http://dx.doi.org/10.1103/PhysRevD.80.123505</a>
73	Exact solutions of a class of S=1 quantum Ising spin models	Yang, Zhi-Hua; Yang, Li-Ping; Wu, Hai-Na; Dai, Jianhui; Xiang, Tao	PHYSICAL REVIEW B	2009	79	21	214427	<a href="http://dx.doi.org/10.1103/PhysRevB.79.214427">http://dx.doi.org/10.1103/PhysRevB.79.214427</a>
74	Exactly controllable transmission of nonautonomous optical solitons	Luo, Hong-Gang; Zhao, Dun; He, Xu-Gang	PHYSICAL REVIEW A	2009	79	6	63802	<a href="http://dx.doi.org/10.1103/PhysRevA.79.063802">http://dx.doi.org/10.1103/PhysRevA.79.063802</a>
75	Examining B(M1) staggering as a fingerprint for chiral doublet bands	Qi, B.; Zhang, S. Q.; Wang, S. Y.; Yao, J. M.; Meng, J.	PHYSICAL REVIEW C	2009	79	4	41302	<a href="http://dx.doi.org/10.1103/PhysRevC.79.041302">http://dx.doi.org/10.1103/PhysRevC.79.041302</a>
76	Exotic alpha decays around the N=126 magic shell	Ni, Dongdong; Ren, Zhongzhou	PHYSICAL REVIEW C	2009	80	1	14314	<a href="http://dx.doi.org/10.1103/PhysRevC.80.014314">http://dx.doi.org/10.1103/PhysRevC.80.014314</a>
77	Experimental constraints on the nearly minimal supersymmetric standard model and implications for its phenomenology	Cao, Junjie; Logan, Heather E.; Yang, Jin Min	PHYSICAL REVIEW D	2009	79	9	91701	<a href="http://dx.doi.org/10.1103/PhysRevD.79.091701">http://dx.doi.org/10.1103/PhysRevD.79.091701</a>
78	Extremal isolated horizon/CFT correspondence	Wu, Xiao-Ning; Tian, Yu	PHYSICAL REVIEW D	2009	80	2	24014	<a href="http://dx.doi.org/10.1103/PhysRevD.80.024014">http://dx.doi.org/10.1103/PhysRevD.80.024014</a>
79	Feasibility of experimental realization of entangled Bose-Einstein condensation	Shi, Yu	EPL	2009	86	6	60008	<a href="http://dx.doi.org/10.1209/0295-5075/86/60008">http://dx.doi.org/10.1209/0295-5075/86/60008</a>
80	Features of holographic dark energy under combined cosmological constraints	Ma, Yin-Zhe; Gong, Yan; Chen, Xuelei	EUROPEAN PHYSICAL JOURNAL C	2009	60	2	303-315	<a href="http://dx.doi.org/10.1140/epjc/s10052-009-0876-7">http://dx.doi.org/10.1140/epjc/s10052-009-0876-7</a>
81	Fermi surface of a trapped dipolar Fermi gas	Zhang, J. -N.; Yi, S.	PHYSICAL REVIEW A	2009	80	5	53614	<a href="http://dx.doi.org/10.1103/PhysRevA.80.053614">http://dx.doi.org/10.1103/PhysRevA.80.053614</a>
82	First attempt to overcome the disaster of Dirac sea in imaginary time step method	Zhang Ying; Liang Hao-Zhao; Meng Jie	CHINESE PHYSICS C	2009	33		113-115	
83	First-Principles Calculations of the Electronic Structure of Tetragonal alpha-FeTe and alpha-FeSe Crystals: Evidence for a Bicolinear Antiferromagnetic Order	Ma, Fengjie; Ji, Wei; Hu, Jiangping; Lu, Zhong-Yi; Xiang, Tao	PHYSICAL REVIEW LETTERS	2009	102	17	177003	<a href="http://dx.doi.org/10.1103/PhysRevLett.102.177003">http://dx.doi.org/10.1103/PhysRevLett.102.177003</a>
84	Fitting the constitution type Ia supernova data with the redshift-binned parametrization method	Huang, Qing-Guo; Li, Miao; Li, Xiao-Dong; Wang, Shuang	PHYSICAL REVIEW D	2009	80	8	83515	<a href="http://dx.doi.org/10.1103/PhysRevD.80.083515">http://dx.doi.org/10.1103/PhysRevD.80.083515</a>
85	Flavor symmetry analysis of charmless B -> V P decays	Chiang, Cheng-Wei; Zhou, Yu-Feng	JOURNAL OF HIGH ENERGY PHYSICS	2009		3	55	<a href="http://dx.doi.org/10.1088/1126-6708/2009/03/055">http://dx.doi.org/10.1088/1126-6708/2009/03/055</a>
86	Fluctuations in a ferrofluid monolayer: An integral equation study	Luo, Liang; Klapp, Sabine H. L.	JOURNAL OF CHEMICAL PHYSICS	2009	131	3	34709	<a href="http://dx.doi.org/10.1063/1.3176210">http://dx.doi.org/10.1063/1.3176210</a>
87	FLUX PARAMETER SPACES IN TYPE II VACUA	Chen, Ching-Ming; Li, Tianjun; Nanopoulos, Dimitri V.	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2009	24	13	2453-2480	<a href="http://dx.doi.org/10.1142/S0217751X09044589">http://dx.doi.org/10.1142/S0217751X09044589</a>
88	Force-velocity relations for multiple-molecular-motor transport	Wang, Ziqing; Li, Ming	PHYSICAL REVIEW E	2009	80	4	41923	<a href="http://dx.doi.org/10.1103/PhysRevE.80.041923">http://dx.doi.org/10.1103/PhysRevE.80.041923</a>
89	Formation Mechanism of Triaxial Superdeformed Nucleus Yb-160	Dong Yong-Sheng; Yu Shao-Ying; Shen Cai-Wan; Liu Yan-Xin	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	52	4	671-674	

90	From one solution of a 3-satisfiability formula to a solution cluster: Frozen variables and entropy	Li, Kang; Ma, Hui; Zhou, Haijun	PHYSICAL REVIEW E	2009	79	3	31102	<a href="http://dx.doi.org/10.1103/PhysRevE.79.031102">http://dx.doi.org/10.1103/PhysRevE.79.031102</a>
91	F-SU(5)	Jiang, Jing; Li, Tianjun; Nanopoulos, Dimitri V.; Xie, Dan	PHYSICS LETTERS B	2009	677	5	322-325	<a href="http://dx.doi.org/10.1016/j.physletb.2009.05.012">http://dx.doi.org/10.1016/j.physletb.2009.05.012</a>
92	Gas-Fluid and Fluid-Solid Phase Instability for Restricted Primitive Model	Guo Yuan-Yuan; Chen Xiao-Song	COMMUNICATIONS IN THEORETICAL	2009	52	2	356-360	
93	Gauge invariance and k(T)-factorization of exclusive processes	Feng, F.; Ma, J. P.; Wang, Q.	PHYSICS LETTERS B	2009	674	3	176-181	<a href="http://dx.doi.org/10.1016/j.physletb.2009.02.060">http://dx.doi.org/10.1016/j.physletb.2009.02.060</a>
94	Gauge-singlet dark matter in a left-right symmetric model with spontaneous CP violation	Guo, Wan-Lei; Wang, Li-Ming; Wu, Yue-Liang; Zhou, Yu-Feng; Zhuang, Ci	PHYSICAL REVIEW D	2009	79	5	55015	<a href="http://dx.doi.org/10.1103/PhysRevD.79.055015">http://dx.doi.org/10.1103/PhysRevD.79.055015</a>
95	Gauss-Bonnet and Lovelock Gravities and the Generalized Second Law of Thermodynamics	Akbar, M.; Qadir, Asghar	CHINESE PHYSICS LETTERS	2009	26	6	60402	<a href="http://dx.doi.org/10.1088/0256-307X/26/6/060402">http://dx.doi.org/10.1088/0256-307X/26/6/060402</a>
96	Gauss-Bonnet term on vacuum decay	Cai, Rong-Gen; Hu, Bin; Koh, Seoktae	PHYSICS LETTERS B	2009	671	1	181-186	<a href="http://dx.doi.org/10.1016/j.physletb.2008.11.053">http://dx.doi.org/10.1016/j.physletb.2008.11.053</a>
97	Generalized integral fluctuation theorem for diffusion processes	Liu, Fei; Ou-Yang, Zhong-can	PHYSICAL REVIEW E	2009	79	6	60107	<a href="http://dx.doi.org/10.1103/PhysRevE.79.060107">http://dx.doi.org/10.1103/PhysRevE.79.060107</a>
98	Generalized massive gravity in AdS(3) spacetime	Liu, Yan; Sun, Ya-Wen	PHYSICAL REVIEW D	2009	79	12	126001	<a href="http://dx.doi.org/10.1103/PhysRevD.79.126001">http://dx.doi.org/10.1103/PhysRevD.79.126001</a>
99	Generalized Misner-Sharp energy in f(R) gravity	Cai, Rong-Gen; Cao, Li-Ming; Hu, Ya-Peng; Ohta, Nobuyoshi	PHYSICAL REVIEW D	2009	80	10	104016	<a href="http://dx.doi.org/10.1103/PhysRevD.80.104016">http://dx.doi.org/10.1103/PhysRevD.80.104016</a>
100	GeV Majorana neutrinos in top-quark decay at the LHC	Si, Zongguo; Wang, Kai	PHYSICAL REVIEW D	2009	79	1	14034	<a href="http://dx.doi.org/10.1103/PhysRevD.79.014034">http://dx.doi.org/10.1103/PhysRevD.79.014034</a>
101	Glueballs at finite temperature in SU(3) Yang-Mills theory	Meng, Xiang-Fei; Li, Gang; Zhang, Yuan-Jiang; Chen, Ying; Liu, Chuan; Liu, Yu-Bin; Ma, Jian-Ping; Zhang, Jian-Bo	PHYSICAL REVIEW D	2009	80	11	114502	<a href="http://dx.doi.org/10.1103/PhysRevD.80.114502">http://dx.doi.org/10.1103/PhysRevD.80.114502</a>
102	Ground-state entropy of the random vertex-cover problem	Zhou, Jie; Zhou, Haijun	PHYSICAL REVIEW E	2009	79	2	20103	<a href="http://dx.doi.org/10.1103/PhysRevE.79.020103">http://dx.doi.org/10.1103/PhysRevE.79.020103</a>
103	Growth factor parametrization in curved space	Gong, Yungui; Ishak, Mustapha; Wang, Anzhong	PHYSICAL REVIEW D	2009	80	2	23002	<a href="http://dx.doi.org/10.1103/PhysRevD.80.023002">http://dx.doi.org/10.1103/PhysRevD.80.023002</a>
104	Hadronic production of B-s(*) at the Tevatron and LHC	Zhang, Jia-Wei; Fang, Zhen-Yun; Chang, Chao-Hsi; Wu, Xing-Gang; Zhong, Tao; Yu, Yao	PHYSICAL REVIEW D	2009	79	11	114012	<a href="http://dx.doi.org/10.1103/PhysRevD.79.114012">http://dx.doi.org/10.1103/PhysRevD.79.114012</a>
105	Hawking radiation of an apparent horizon in a FRW universe	Cai, Rong-Gen; Cao, Li-Ming; Hu, Ya-Peng	CLASSICAL AND QUANTUM GRAVITY	2009	26	15	155018	<a href="http://dx.doi.org/10.1088/0264-9381/26/15/155018">http://dx.doi.org/10.1088/0264-9381/26/15/155018</a>
106	Higgs boson decays and production via gluon fusion at LHC in littlest Higgs models with T parity	Wang, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2009	79	5	55013	<a href="http://dx.doi.org/10.1103/PhysRevD.79.055013">http://dx.doi.org/10.1103/PhysRevD.79.055013</a>
107	High Accuracy Calculation for Excited-State Energies of H Atoms in a Magnetic Field	Zhao Li-Bo; Du Meng-Li	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	52	2	339-345	
108	Holographic dark energy models: a comparison from the latest observational data	Li, Miao; Li, Xiao-Dong; Wang, Shuang; Zhang, Xin	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2009		6	36	<a href="http://dx.doi.org/10.1088/1475-7516/2009/06/036">http://dx.doi.org/10.1088/1475-7516/2009/06/036</a>
109	Holographic Gas as Dark Energy	Li Miao; Li Xiao-Dong; Lin Chun-Shan; Wang Yi	COMMUNICATIONS IN THEORETICAL	2009	51	1	181-186	
110	Holographic melting of heavy baryons in plasma with gluon condensation	Sin, Sang-Jin; Zhou, Yang	JOURNAL OF HIGH ENERGY PHYSICS	2009		5	44	<a href="http://dx.doi.org/10.1088/1126-6708/2009/05/044">http://dx.doi.org/10.1088/1126-6708/2009/05/044</a>
111	Holographic Ricci dark energy in Randall-Sundrum braneworld: Avoidance of big rip and steady state future	Feng, Chao-Jun; Zhang, Xin	PHYSICS LETTERS B	2009	680	5	399-403	<a href="http://dx.doi.org/10.1016/j.physletb.2009.09.040">http://dx.doi.org/10.1016/j.physletb.2009.09.040</a>
112	Holographic Ricci dark energy: Current observational constraints, quintom feature, and the reconstruction of scalar-field dark energy	Zhang, Xin	PHYSICAL REVIEW D	2009	79	10	103509	<a href="http://dx.doi.org/10.1103/PhysRevD.79.103509">http://dx.doi.org/10.1103/PhysRevD.79.103509</a>
113	Holography, UV/IR Relation, Causal Entropy Bound, and Dark Energy	Cai Rong-Gen; Hu Bin; Zhang Yi	COMMUNICATIONS IN THEORETICAL	2009	51	5	954-960	
114	Indirect control of quantum systems via an accessor: pure coherent control without system excitation	Fu, H. C.; Dong, Hui; Liu, X. F.; Sun, C. P.	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2009	42	4	45303	<a href="http://dx.doi.org/10.1088/1751-8113/42/4/045303">http://dx.doi.org/10.1088/1751-8113/42/4/045303</a>
115	Influence of high-j intruder orbitals in odd mass fermium nuclei No-253 and Md-251	He, Xiao-tao; Ren, Zhong-zhou; Liu, Shu-xin; Zhao, En-guang	NUCLEAR PHYSICS A	2009	817		45-60	<a href="http://dx.doi.org/10.1016/j.nuclphysa.2008.12.003">http://dx.doi.org/10.1016/j.nuclphysa.2008.12.003</a>
116	Interacting agegraphic dark energy	Wei, Hao; Cai, Rong-Gen	EUROPEAN PHYSICAL JOURNAL C	2009	59	1	99-105	<a href="http://dx.doi.org/10.1140/epjc/s10052-008-0799-8">http://dx.doi.org/10.1140/epjc/s10052-008-0799-8</a>
117	Interpretation of D-sJ(2632)(+), D-s1(2700)(+/-), D*(sJ)(2860)(+), and D-sJ(3040)(+)	Chen, Bing; Wang, Deng-Xia; Zhang, Ailin	PHYSICAL REVIEW D	2009	80	7	71502	<a href="http://dx.doi.org/10.1103/PhysRevD.80.071502">http://dx.doi.org/10.1103/PhysRevD.80.071502</a>
118	Intrinsic cavity QED and emergent quasinormal modes for a single photon	Dong, H.; Gong, Z. R.; lan, H.; Zhou, Lan; Sun, C. P.	PHYSICAL REVIEW A	2009	79	6	63847	<a href="http://dx.doi.org/10.1103/PhysRevA.79.063847">http://dx.doi.org/10.1103/PhysRevA.79.063847</a>
119	Intrinsic electron and hole bands in electron-doped cuprate superconductors	Xiang, T.; Luo, H. G.; Lu, D. H.; Shen, K. M.; Shen, Z. X.	PHYSICAL REVIEW B	2009	79	1	14524	<a href="http://dx.doi.org/10.1103/PhysRevB.79.014524">http://dx.doi.org/10.1103/PhysRevB.79.014524</a>
120	Isospin splitting of the nucleon-nucleus optical potential	Li, L. L.; Li, Z. H.; Zhao, E. G.; Zhou, S. G.; Zuo, W.; Bonaccorso, A.; Lombardo, U.	PHYSICAL REVIEW C	2009	80	6	64607	<a href="http://dx.doi.org/10.1103/PhysRevC.80.064607">http://dx.doi.org/10.1103/PhysRevC.80.064607</a>
121	J/psi polarization in photoproduction up to the next-to-leading order of QCD	Chang, Chao-Hsi; Li, Rong; Wang, Jian-Xiong	PHYSICAL REVIEW D	2009	80	3	34020	<a href="http://dx.doi.org/10.1103/PhysRevD.80.034020">http://dx.doi.org/10.1103/PhysRevD.80.034020</a>

122	k-essence explains a Lorentz violation experiment	Li, Miao; Pang, Yi; Wang, Yi	PHYSICAL REVIEW D	2009	79	12	125016	<a href="http://dx.doi.org/10.1103/PhysRevD.79.125016">http://dx.doi.org/10.1103/PhysRevD.79.125016</a>
123	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	CONDENSED MATTER THEORIES, VOL 23	2009			319+	<a href="http://dx.doi.org/10.1142/9789812836625_0033">http://dx.doi.org/10.1142/9789812836625_0033</a>
124	Large primordial trispectra in general single field inflation	Chen, Xingang; Hu, Bin; Huang, Min-xin; Shiu, Gary; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2009		8	8	<a href="http://dx.doi.org/10.1088/1475-7516/2009/08/008">http://dx.doi.org/10.1088/1475-7516/2009/08/008</a>
125	Lattice QCD at finite temperature : present status	Petreczky, Peter	NUCLEAR PHYSICS A	2009	830		11C-18C	<a href="http://dx.doi.org/10.1016/j.nuclphysa.2009.10.086">http://dx.doi.org/10.1016/j.nuclphysa.2009.10.086</a>
126	Lehmann-Symanzik-Zimmermann reduction approach to multiphoton scattering in coupled-resonator arrays	Shi, T.; Sun, C. P.	PHYSICAL REVIEW B	2009	79	20	205111	<a href="http://dx.doi.org/10.1103/PhysRevB.79.205111">http://dx.doi.org/10.1103/PhysRevB.79.205111</a>
127	Lepton-number-violating decays of B+, D+, and D-s(+) mesons induced by the doubly charged Higgs boson	Ma, Yong-Liang	PHYSICAL REVIEW D	2009	79	3	33014	<a href="http://dx.doi.org/10.1103/PhysRevD.79.033014">http://dx.doi.org/10.1103/PhysRevD.79.033014</a>
128	Lepton-specific two-Higgs-doublet model: Experimental constraints and implication on Higgs phenomenology	Cao, Junjie; Wan, Peihua; Wu, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2009	80	7	71701	<a href="http://dx.doi.org/10.1103/PhysRevD.80.071701">http://dx.doi.org/10.1103/PhysRevD.80.071701</a>
129	Like-sign dilepton signals in Higgsless models at the LHC	Han, Tao; Liu, Hai-shan; Luo, Ming-xing; Wang, Kai; Wu, Wei	PHYSICAL REVIEW D	2009	80	9	95010	<a href="http://dx.doi.org/10.1103/PhysRevD.80.095010">http://dx.doi.org/10.1103/PhysRevD.80.095010</a>
130	Loop corrections to cosmological perturbations in multi-field inflationary models	Gao, Xian; Xu, Fanrong	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2009		7	42	<a href="http://dx.doi.org/10.1088/1475-7516/2009/07/042">http://dx.doi.org/10.1088/1475-7516/2009/07/042</a>
131	Loop-induced decays of Higgs boson in the left-right twin Higgs model	Liu, Yao-Bei; Wang, Xue-Lei	EPL	2009	86	6	61002	<a href="http://dx.doi.org/10.1209/0295-5075/86/61002">http://dx.doi.org/10.1209/0295-5075/86/61002</a>
132	Low-energy D*(+)(D)over-bar(1)(0) scattering and the resonancelike structure Z(+)(4430)	Meng, Guo-Zhan; Gong, Ming; Chen, Ying; He, Song; Li, Gang; Liu, Chuan; Liu, Yu-Bin; Ma, Jian-Ping; Meng, Xiang-Fei; Niu, Zhi-Yuan; Shen, Yan; Zhang, Jian-Bo; Zhang, Yuan-Jiang	PHYSICAL REVIEW D	2009	80	3	34503	<a href="http://dx.doi.org/10.1103/PhysRevD.80.034503">http://dx.doi.org/10.1103/PhysRevD.80.034503</a>
133	Low-scale SU(4)(W) unification	Balazs, Csaba; Li, Tianjun; Wang, Fei; Yang, Jin Min	JOURNAL OF HIGH ENERGY PHYSICS	2009		9	15	<a href="http://dx.doi.org/10.1088/1126-6708/2009/09/015">http://dx.doi.org/10.1088/1126-6708/2009/09/015</a>
134	Magnetic properties of a spin-3 chromium condensate	He, Liang; Yi, Su	PHYSICAL REVIEW A	2009	80	3	33618	<a href="http://dx.doi.org/10.1103/PhysRevA.80.033618">http://dx.doi.org/10.1103/PhysRevA.80.033618</a>
135	Mass of X(3872) in the relativistic quark model	Chen, Xiaozhao; Wang, Bin; Li, Xiaoya; Zeng, Xiaoqiang; Yu, Shaolan; Lue, Xiaofu	PHYSICAL REVIEW D	2009	79	11	114006	<a href="http://dx.doi.org/10.1103/PhysRevD.79.114006">http://dx.doi.org/10.1103/PhysRevD.79.114006</a>
136	Maximized string order parameters in the valence bond solid states of quantum integer spin chains	Tu, Hong-Hao; Zhang, Guang-Ming; Xiang, Tao	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2009	42	28	285202	<a href="http://dx.doi.org/10.1088/1751-8113/42/28/285202">http://dx.doi.org/10.1088/1751-8113/42/28/285202</a>
137	Mechanochemical Coupling of Kinesin Studied with a Neck-Linker Swing Model	Li Ming; Shu Yao-Gen; Ou-Yang Zhong-Can	COMMUNICATIONS IN THEORETICAL	2009	51	6	1143-1148	
138	Melting Phase Transitions and Catalytic Activity of Bilayer Gold Nanoclusters	Wang, Yanting; Rashkeev, Sergey N.	JOURNAL OF PHYSICAL CHEMISTRY	2009	113	24	10517-10520	<a href="http://dx.doi.org/10.1021/jp902995x">http://dx.doi.org/10.1021/jp902995x</a>
139	Microscopic analysis of order parameters in nuclear quantum phase transitions	Li, Z. P.; Niksic, T.; Vretenar, D.; Meng, J.	PHYSICAL REVIEW C	2009	80	6	61301	<a href="http://dx.doi.org/10.1103/PhysRevC.80.061301">http://dx.doi.org/10.1103/PhysRevC.80.061301</a>
140	Microscopic calculation of alpha-decay half-lives with a deformed potential	Ni, Dongdong; Ren, Zhongzhou	PHYSICAL REVIEW C	2009	80	5	51303	<a href="http://dx.doi.org/10.1103/PhysRevC.80.051303">http://dx.doi.org/10.1103/PhysRevC.80.051303</a>
141	Microscopic calculation of alpha-decay half-lives within the cluster model	Ni, Dongdong; Ren, Zhongzhou	NUCLEAR PHYSICS A	2009	825	3-4	145-158	<a href="http://dx.doi.org/10.1016/j.nuclphysa.2009.04.010">http://dx.doi.org/10.1016/j.nuclphysa.2009.04.010</a>
142	Molecular ensemble-based remote quantum storage for charge qubit via a quasidark state	Zhang, H. R.; Gao, Y. B.; Gong, Z. R.; Sun, C. P.	PHYSICAL REVIEW A	2009	80	6	62308	<a href="http://dx.doi.org/10.1103/PhysRevA.80.062308">http://dx.doi.org/10.1103/PhysRevA.80.062308</a>
143	Moumbius graphene strip as a topological insulator	Guo, Z. L.; Gong, Z. R.; Dong, H.; Sun, C. P.	PHYSICAL REVIEW B	2009	80	19	195310	<a href="http://dx.doi.org/10.1103/PhysRevB.80.195310">http://dx.doi.org/10.1103/PhysRevB.80.195310</a>
144	MULTIPLE D2-BRANE ACTION FROM M2-BRANES	Li, Tianjun; Liu, Yan; Xie, Dan	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2009	24	16-17	3039-3052	<a href="http://dx.doi.org/10.1142/S0217751X09044590">http://dx.doi.org/10.1142/S0217751X09044590</a>
145	Multi-stream inflation	Li, Miao; Wang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2009		7	33	<a href="http://dx.doi.org/10.1088/1475-7516/2009/07/033">http://dx.doi.org/10.1088/1475-7516/2009/07/033</a>
146	Neutron star equation of state in density dependent relativistic Hartree-Fock theory	Sun Bao-Yuan; Meng Jie	CHINESE PHYSICS C	2009	33		73-75	
147	Nonadiabatic fluctuation in the measured geometric phase	Ai, Qing; Huo, Wenyi; Long, Gui Lu; Sun, C. P.	PHYSICAL REVIEW A	2009	80	2	24101	<a href="http://dx.doi.org/10.1103/PhysRevA.80.024101">http://dx.doi.org/10.1103/PhysRevA.80.024101</a>
148	Non-Gaussianity, isocurvature perturbation, gravitational waves, and a no-go theorem for the isocurvature	Li, Miao; Lin, Chunshan; Wang, Tower; Wang, Yi	PHYSICAL REVIEW D	2009	79	6	63526	<a href="http://dx.doi.org/10.1103/PhysRevD.79.063526">http://dx.doi.org/10.1103/PhysRevD.79.063526</a>
149	Nonthermal production of WIMPs, cosmic e(+/-) excesses, and gamma rays from the Galactic Center	Bi, Xiao-Jun; Brandenberger, Robert; Gondolo, Paolo; Li, Tianjun; Yuan, Qiang; Zhang, Xinmin	PHYSICAL REVIEW D	2009	80	10	103502	<a href="http://dx.doi.org/10.1103/PhysRevD.80.103502">http://dx.doi.org/10.1103/PhysRevD.80.103502</a>
150	Note on generalized Janus configurations	Chen, Bin; Xu, Zhi-bo; Liu, Chang-yong	JOURNAL OF HIGH ENERGY PHYSICS	2009		2	36	<a href="http://dx.doi.org/10.1088/1126-6708/2009/02/036">http://dx.doi.org/10.1088/1126-6708/2009/02/036</a>
151	Note on new massive gravity in AdS(3)	Liu, Yan; Sun, Ya-Wen	JOURNAL OF HIGH ENERGY PHYSICS	2009		4	106	<a href="http://dx.doi.org/10.1088/1126-6708/2009/04/106">http://dx.doi.org/10.1088/1126-6708/2009/04/106</a>

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153	Observation prospects of leptonic and Dalitz decays of pseudoscalar quarkonia	Jia, Yu; Sang, Wen-Long	JOURNAL OF HIGH ENERGY PHYSICS	2009		10	90	<a href="http://dx.doi.org/10.1088/1126-6708/2009/10/090">http://dx.doi.org/10.1088/1126-6708/2009/10/090</a>
154	OBSERVATIONAL H(z) DATA AS A COMPLEMENTARITY TO OTHER COSMOLOGICAL PROBES	Lin, Hui; Hao, Cheng; Wang, Xiao; Yuan, Qiang; Yi, Ze-Long; Zhang, Tong-Jie; Wang, Bao-Quan	MODERN PHYSICS LETTERS A	2009	24	21	1699-1709	<a href="http://dx.doi.org/10.1142/S0217732309030217">http://dx.doi.org/10.1142/S0217732309030217</a>
155	On the z=4 Horava-Lifshitz Gravity	Cai, Rong-Gen; Liu, Yan; Sun, Ya-Wen	JOURNAL OF HIGH ENERGY PHYSICS	2009		6	10	<a href="http://dx.doi.org/10.1088/1126-6708/2009/06/010">http://dx.doi.org/10.1088/1126-6708/2009/06/010</a>
156	Optimal reaction for synthesis of superheavy element 117	Liu, Z. H.; Bao, Jing-Dong	PHYSICAL REVIEW C	2009	80	3	34601	<a href="http://dx.doi.org/10.1103/PhysRevC.80.034601">http://dx.doi.org/10.1103/PhysRevC.80.034601</a>
157	Oscillations in the photodetachment cross section of a two-centre model	Afaq, A.; Du, M. L.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2009	42	10	105101	<a href="http://dx.doi.org/10.1088/0953-4075/42/10/105101">http://dx.doi.org/10.1088/0953-4075/42/10/105101</a>
158	PAIRING CORRELATIONS WITH RESONANT CONTINUUM EFFECT IN THE RMF plus ACCC plus BCS APPROACH	Zhang, S. S.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2009	18	8	1761-1772	<a href="http://dx.doi.org/10.1142/S0218301309013828">http://dx.doi.org/10.1142/S0218301309013828</a>
159	PAMELA data and leptonically decaying dark matter	Yin, Peng-fei; Yuan, Qiang; Liu, Jia; Zhang, Juan; Bi, Xiao-jun; Zhu, Shou-hua; Zhang, Xinmin	PHYSICAL REVIEW D	2009	79	2	23512	<a href="http://dx.doi.org/10.1103/PhysRevD.79.023512">http://dx.doi.org/10.1103/PhysRevD.79.023512</a>
160	Partonic state and single transverse spin asymmetries in semi-inclusive DIS	Ma, J. P.; Sang, H. Z.	PHYSICS LETTERS B	2009	676	1-3	74-80	<a href="http://dx.doi.org/10.1016/j.physletb.2009.04.071">http://dx.doi.org/10.1016/j.physletb.2009.04.071</a>
161	Phase Transitions in a Mixture of Hard-Sphere Dipoles and Neutral Hard Spheres	Li Li; Li Liang-Sheng; Chen Xiao-Song	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	52	3	523-526	<a href="http://dx.doi.org/10.1088/0253-6102/52/3/27">http://dx.doi.org/10.1088/0253-6102/52/3/27</a>
162	Phenomenology of iquarkonium	Cheung, Kingman; Keung, Wai-Yee; Yuan, Tzu-Chiang	NUCLEAR PHYSICS B	2009	811	1-2	274-287	<a href="http://dx.doi.org/10.1016/j.nuclphysb.2008.11.029">http://dx.doi.org/10.1016/j.nuclphysb.2008.11.029</a>
163	Photodetachment near a metal surface	Zhao, H. J.; Du, M. L.	PHYSICAL REVIEW A	2009	79	2	23408	<a href="http://dx.doi.org/10.1103/PhysRevA.79.023408">http://dx.doi.org/10.1103/PhysRevA.79.023408</a>
164	Physics at BES-III	Asner, D. M.; Barnes, T.; Bian, J. M.; Bigi, I. I.; Brambilla, N.; Boyko, I. R.; Bytev, V.; Chao, K. T.; Charles, J.; Chen, H. X.; Chen, J. C.; Chen, Y.; Chen, Y. Q.; Cheng, H. Y.; Dedovich, D.; Descotes-Genon, S.; Fu, C. D.; Garcia i Tormo, X.; Gao, Y. -N.; He, K. L.; He, Z. G.; Hu, J. F.; Hu, H. M.; Huang, B.; Jia, Y.; Jin, H. -Y.; Jin, S.; Kuang, Y. P.; Lacker, H.; Li, H. B.; Li, J. L.; Li, W. D.; Li, X. Y.; Liu, B. J.; Liu, H. H.; Liu, J.; Ma, H. L.; Ma, J. P.; Mao, Y. J.; Mo, X. H.; Olsen, S. L.; Pich, A.; Pineda, A.; Ping, R. G.; Qiao, C. F.; Qin, G.; Qin, H.; Roney, J. M.; Rong, G.; Roos, L.; Shen, X. Y.; Soto, J.; Stahl, A.; Sun, S. S.; T'Jampens, S.; Vairo, A.; Wang, P.; Wang, Y. F.; Wang, Y. K.; Wu, N.; Wu, Y. L.; Xing, Z. Z.; Xu, G. F.; Xu, M.; Yang, M.; Yang, M. Z.; Yang, Y. D.; Yuan, C. Z.; Zhang, D. H.; Zhang, D. Y.; Zhang, J. Y.; Zhang, Z. X.; Zhang, X. M.; Zhang, X. Y.; Zhang, Y. J.; Zhao, Q.; Zhemchugov, A.; Zheng, H. Q.; Zheng, Y. H.; Zhong, M.; Zhu, S. -L.; Zhu, Y. S.; Zhuravlov, V.; Zou, B. S.; Zou, J. H.	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2009	24		III+	<a href="http://dx.doi.org/10.1142/S0217751X09046400">http://dx.doi.org/10.1142/S0217751X09046400</a>
165	$\pi(9/2)$ circle times $\nu(11/2)$ doublet bands in A similar to 100 mass region	Wang Shou-Yu; Zhang Shuang-Quan; Qi Bin; Meng Jie	CHINESE PHYSICS C	2009	33		37-39	
166	$\pi$ Junction to Probe Antiphase s-Wave Pairing in Iron Pnictide Superconductors	Chen, Wei-Qiang; Ma, Fengjie; Lu, Zhong-Yi; Zhang, Fu-Chun	PHYSICAL REVIEW LETTERS	2009	103	20	207001	<a href="http://dx.doi.org/10.1103/PhysRevLett.103.207001">http://dx.doi.org/10.1103/PhysRevLett.103.207001</a>
167	Possible existence of triaxial superdeformation in W-172,W-174,W-176	Dong Yong-Sheng; Yu Shao-Ying; Shen Cai-Wan; Liu Yan-Xin	CHINESE PHYSICS C	2009	33	2	103-106	<a href="http://dx.doi.org/10.1088/1674-1137/33/2/005">http://dx.doi.org/10.1088/1674-1137/33/2/005</a>
168	Possible Mechanisms of Ternary Fission in the Au-197+Au-197 System at 15 A MeV	Tian Jun-Long; Li Xian; Wu Xi-Zhen; Li Zhu-Xia; Yan Shi-Wei	CHINESE PHYSICS LETTERS	2009	26	6	62502	
169	Possible tetraquark states in the $\pi^+(\chi(c1))$ invariant-mass distribution	Wang, Zhi-Gang	EUROPEAN PHYSICAL JOURNAL C	2009	59	3	675-681	<a href="http://dx.doi.org/10.1140/epjc/s10052-008-0812-2">http://dx.doi.org/10.1140/epjc/s10052-008-0812-2</a>
170	Predicting Continuous Local Structure and the Effect of Its Substitution for Secondary Structure in Fragment-Free Protein Structure Prediction	Faraggi, Eshel; Yang, Yuedong; Zhang, Shesheng; Zhou, Yaoqi	STRUCTURE	2009	17	11	1515-1527	<a href="http://dx.doi.org/10.1016/j.str.2009.09.006">http://dx.doi.org/10.1016/j.str.2009.09.006</a>
171	Preformation of clusters in heavy nuclei and cluster radioactivity	Zhang, H. F.; Dong, J. M.; Royer, G.; Zuo, W.; Li, J. Q.	PHYSICAL REVIEW C	2009	80	3	37307	<a href="http://dx.doi.org/10.1103/PhysRevC.80.037307">http://dx.doi.org/10.1103/PhysRevC.80.037307</a>

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173	Primordial perturbation in Horava-Lifshitz cosmology	Piao, Yun-Song	PHYSICS LETTERS B	2009	681	1	1-4	<a href="http://dx.doi.org/10.1016/j.physletb.2009.09.047">http://dx.doi.org/10.1016/j.physletb.2009.09.047</a>
174	Primordial trispectrum from entropy perturbations in multifield DBI model	Gao, Xian; Hu, Bin	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2009		8	12	<a href="http://dx.doi.org/10.1088/1475-7516/2009/08/012">http://dx.doi.org/10.1088/1475-7516/2009/08/012</a>
175	Probing interaction and spatial curvature in the holographic dark energy model	Li, Miao; Li, Xiao-Dong; Wang, Shuang; Wang, Yi; Zhang, Xin	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2009		12	14	<a href="http://dx.doi.org/10.1088/1475-7516/2009/12/014">http://dx.doi.org/10.1088/1475-7516/2009/12/014</a>
176	Properties of cold dense nuclear matter based on a nonperturbative approach inspired by chiral perturbation theory	Li, Xiao-ya; Lue, Xiao-Fu; Wang, Bin; Sun, Win-min; Zong, Hong-shi	PHYSICAL REVIEW C	2009	80	3	34909	<a href="http://dx.doi.org/10.1103/PhysRevC.80.034909">http://dx.doi.org/10.1103/PhysRevC.80.034909</a>
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178	Quantized squeezing and even-odd asymmetry of trapped bosons	Hu, Shijie; Wen, Yuchuan; Yu, Yue; Normand, B.; Wang, Xiaoqun	PHYSICAL REVIEW A	2009	80	6	63624	<a href="http://dx.doi.org/10.1103/PhysRevA.80.063624">http://dx.doi.org/10.1103/PhysRevA.80.063624</a>
179	Quantum molecular dynamics study of the mass distribution of products in 7.0A MeV U-238+U-238 collisions	Zhao, Kai; Wu, Xizhen; Li, Zhuxia	PHYSICAL REVIEW C	2009	80	5	54607	<a href="http://dx.doi.org/10.1103/PhysRevC.80.054607">http://dx.doi.org/10.1103/PhysRevC.80.054607</a>
180	Quantum State Transfer in Engineered Spin Chain under Influence of Spatially Distributed Environment	Zhou Lan; Lu Jing; Shi Tao	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	52	2	226-234	
181	Quantum switch for single-photon transport in a coupled superconducting transmission-line-resonator array	Liao, Jie-Qiao; Huang, Jin-Feng; Liu, Yu-xi; Kuang, Le-Man; Sun, C. P.	PHYSICAL REVIEW A	2009	80	1	14301	<a href="http://dx.doi.org/10.1103/PhysRevA.80.014301">http://dx.doi.org/10.1103/PhysRevA.80.014301</a>
182	Quantum Zeno switch for single-photon coherent transport	Zhou, Lan; Yang, S.; Liu, Yu-xi; Sun, C. P.; Nori, Franco	PHYSICAL REVIEW A	2009	80	6	62109	<a href="http://dx.doi.org/10.1103/PhysRevA.80.062109">http://dx.doi.org/10.1103/PhysRevA.80.062109</a>
183	Radiative and leptonic decays of the pseudoscalar charmonium state eta(c)	Yang, Mao-Zhi	PHYSICAL REVIEW D	2009	79	7	74026	<a href="http://dx.doi.org/10.1103/PhysRevD.79.074026">http://dx.doi.org/10.1103/PhysRevD.79.074026</a>
184	Radiative neutrino mass in type III seesaw model	Liao, Yi; Liu, Ji-Yuan; Ning, Guo-Zhu	PHYSICAL REVIEW D	2009	79	7	73003	<a href="http://dx.doi.org/10.1103/PhysRevD.79.073003">http://dx.doi.org/10.1103/PhysRevD.79.073003</a>
185	Rb constraints on the littlest Higgs model with T parity	Han, Xiao-Fang	PHYSICAL REVIEW D	2009	80	5	55027	<a href="http://dx.doi.org/10.1103/PhysRevD.80.055027">http://dx.doi.org/10.1103/PhysRevD.80.055027</a>
186	Realistic Earth matter effects and a method to acquire information about small theta(13) in the detection of supernova neutrinos	Guo, Xin-Heng; Huang, Ming-Yang; Young, Bing-Lin	PHYSICAL REVIEW D	2009	79	11	113007	<a href="http://dx.doi.org/10.1103/PhysRevD.79.113007">http://dx.doi.org/10.1103/PhysRevD.79.113007</a>
187	Realization of Tip Tilting By 8-Step Line Tilting	Chen Ying-Tian; Zhang Yang; Hu Sen; Ho Tsu-Hsiu; Lim, Boon Ham; Lim, Chen Sin	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	52	3	549-554	
188	Reconstructing f(R) theory from Ricci dark energy	Feng, Chao-Jun	PHYSICS LETTERS B	2009	676	4-5	168-172	<a href="http://dx.doi.org/10.1016/j.physletb.2009.04.089">http://dx.doi.org/10.1016/j.physletb.2009.04.089</a>
189	Reconstructing quintom from Ricci dark energy	Feng, Chao-Jun	PHYSICS LETTERS B	2009	672	2	94-97	<a href="http://dx.doi.org/10.1016/j.physletb.2009.01.022">http://dx.doi.org/10.1016/j.physletb.2009.01.022</a>
190	Relativistic corrections to heavy quark fragmentation to S-wave heavy mesons	Sang, Wen-long; Yang, Lan-fei; Chen, Yu-qi	PHYSICAL REVIEW D	2009	80	1	14013	<a href="http://dx.doi.org/10.1103/PhysRevD.80.014013">http://dx.doi.org/10.1103/PhysRevD.80.014013</a>
191	Remarks on Definitions of Perturbation in General Relativity	He Ping	COMMUNICATIONS IN THEORETICAL	2009	51	2	375-377	
192	Renormalization of supersymmetric field theories in loop regularization with string-mode regulators	Cui, Jian-Wei; Tang, Yong; Wu, Yue-Liang	PHYSICAL REVIEW D	2009	79	12	125008	<a href="http://dx.doi.org/10.1103/PhysRevD.79.125008">http://dx.doi.org/10.1103/PhysRevD.79.125008</a>
193	Reply to Comment on 'Gauge invariance and k(T)-factorization of exclusive processes' [Phys. Lett. B 674 (2009) 176] [Phys. Lett. B 674 (2009) 182]	Feng, F.; Ma, J. R.; Wang, Q.	PHYSICS LETTERS B	2009	677	1-2	121-122	<a href="http://dx.doi.org/10.1016/j.physletb.2009.04.090">http://dx.doi.org/10.1016/j.physletb.2009.04.090</a>
194	Residual effects of heavy sparticles in the bottom quark Yukawa coupling: A comparative study for the MSSM and NMSSM	Wang, Wenyu; Xiong, Zhaohua; Yang, Jin Min	PHYSICS LETTERS B	2009	680	2	167-171	<a href="http://dx.doi.org/10.1016/j.physletb.2009.08.048">http://dx.doi.org/10.1016/j.physletb.2009.08.048</a>
195	Restoration of rotational symmetry in deformed relativistic mean-field theory	Yao Jiang-Ming; Meng Jie; Daniel, Pena Arteaga; Peter, Ring	CHINESE PHYSICS C	2009	33		21-23	
196	Result of search for low velocity exotic particles	Ma Xin-Hua; Ding Lin-Kai; Guo Ya-Nan; He Zuo-Xiu; Huo An-Xiang; Jing Cai-Liu; Kuang Hao-Huai; Ma Yu-Qian; Qing Cheng-Rui; Shen Chang-Quan; Yu Zhong-Qiang; Zhang Chao; Zhu Qing-Qi	CHINESE PHYSICS C	2009	33	8	603-608	<a href="http://dx.doi.org/10.1088/1674-1137/33/8/001">http://dx.doi.org/10.1088/1674-1137/33/8/001</a>
197	Ricci dark energy in braneworld models with a Gauss-Bonnet term in the bulk	Feng, Chao-Jun; Li, Xin-Zhou	PHYSICS LETTERS B	2009	679	2	151-155	<a href="http://dx.doi.org/10.1016/j.physletb.2009.07.022">http://dx.doi.org/10.1016/j.physletb.2009.07.022</a>
198	R-parity violating effects in top quark flavor-changing neutral-current production at LHC	Cao, Junjie; Heng, Zhaoxia; Wu, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2009	79	5	54003	<a href="http://dx.doi.org/10.1103/PhysRevD.79.054003">http://dx.doi.org/10.1103/PhysRevD.79.054003</a>
199	Scalar perturbation and stability of Ricci dark energy	Feng, Chao-Jun; Li, Xin-Zhou	PHYSICS LETTERS B	2009	680	2	184-187	<a href="http://dx.doi.org/10.1016/j.physletb.2009.08.042">http://dx.doi.org/10.1016/j.physletb.2009.08.042</a>

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201	Scaling Law between Urban Electrical Consumption and Population in China	Zhu, Xiaowu; Xiong, Aimin; Li, Liangsheng; Liu, Maoxin; Chen, X. S.	COMPLEX SCIENCES, PT 1	2009	4		853+	
202	Scaling relation between Sunyaev-Zel'dovich effect and X-ray luminosity and scale-free evolution of cosmic baryon field	Yuan, Qiang; Wan, Hao-Yi; Zhang, Tong-Jie; Liu, Ji-Ren; Feng, Long-Long; Fang, Li-Zhi	NEW ASTRONOMY	2009	14	2	152-159	<a href="http://dx.doi.org/10.1016/j.newast.2008.07.004">http://dx.doi.org/10.1016/j.newast.2008.07.004</a>
203	Second Renormalization of Tensor-Network States	Xie, Z. Y.; Jiang, H. C.; Chen, Q. N.; Weng, Z. Y.; Xiang, T.	PHYSICAL REVIEW LETTERS	2009	103	16	160601	<a href="http://dx.doi.org/10.1103/PhysRevLett.103.160601">http://dx.doi.org/10.1103/PhysRevLett.103.160601</a>
204	Shear viscosity from Gauss-Bonnet gravity with a dilaton coupling	Cai, Rong-Gen; Nie, Zhang-Yu; Ohta, Nobuyoshi; Sun, Ya-Wen	PHYSICAL REVIEW D	2009	79	6	66004	<a href="http://dx.doi.org/10.1103/PhysRevD.79.066004">http://dx.doi.org/10.1103/PhysRevD.79.066004</a>
205	Shears mechanism in two-dimensional cranking relativistic mean field approach	Peng Jing; Xing Li-Feng; Meng Jie	CHINESE PHYSICS C	2009	33		15-17	
206	SIGNATURE SPLITTING IN W-173 WITH TRIAXIAL PARTICLE ROTOR MODEL	Qi, B.; Zhang, S. Q.; Wang, S. Y.; Meng, J.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS	2009	18	1	109-122	<a href="http://dx.doi.org/10.1142/S0218301309012094">http://dx.doi.org/10.1142/S0218301309012094</a>
207	Signatures of the Baryon acoustic oscillations on the convergence power spectrum of weak lensing by large scale structure	Zhang, Tong-Jie; Yuan, Qiang; Lan, Tiang	NEW ASTRONOMY	2009	14	5	507-512	<a href="http://dx.doi.org/10.1016/j.newast.2009.01.007">http://dx.doi.org/10.1016/j.newast.2009.01.007</a>
208	Silicon Purification by a New Type of Solar Furnace	Chen Ying-Tian; Lim Chern-Sing; Ho Tso-Hsiu; Lim Boon-Han; Wang Yi-Nan	CHINESE PHYSICS LETTERS	2009	26	7	78103	
209	Simple mass reconstruction technique for supersymmetric particles at the LHC	Kersting, N.	PHYSICAL REVIEW D	2009	79	9	95018	<a href="http://dx.doi.org/10.1103/PhysRevD.79.095018">http://dx.doi.org/10.1103/PhysRevD.79.095018</a>
210	Size-dependent melting: Numerical calculations of the phonon spectrum	Kang, Kai; Qin, Shaojing; Wang, Chuilin	PHYSICA E-LOW-DIMENSIONAL SYSTEMS &	2009	41	5	817-821	<a href="http://dx.doi.org/10.1016/j.physe.2008.12.022">http://dx.doi.org/10.1016/j.physe.2008.12.022</a>
211	Slow-roll and rapid-roll conditions in the spacelike vector field scenario	Zhang, Yi	PHYSICAL REVIEW D	2009	80	4	43519	<a href="http://dx.doi.org/10.1103/PhysRevD.80.043519">http://dx.doi.org/10.1103/PhysRevD.80.043519</a>
212	SOME PROPERTIES OF ACCELERATING OBSERVERS IN THE SCHWARZSCHILD SPACE	Hu, Yapeng; Tian, Guihua; Zhao, Zheng	MODERN PHYSICS LETTERS A	2009	24	3	229-238	<a href="http://dx.doi.org/10.1142/S0217732309026760">http://dx.doi.org/10.1142/S0217732309026760</a>
213	Spin transport properties of a quantum dot coupled to ferromagnetic leads with noncollinear magnetizations	Zhang, Hao; Zhang, Guang-Ming; Yu, Lu	JOURNAL OF PHYSICS-CONDENSED MATTER	2009	21	15	155501	<a href="http://dx.doi.org/10.1088/0953-8984/21/15/155501">http://dx.doi.org/10.1088/0953-8984/21/15/155501</a>
214	Stability analysis on the finite-temperature replica-symmetric and first-step replica-symmetry-broken cavity solutions of the random vertex cover problem	Zhang, Pan; Zeng, Ying; Zhou, Haijun	PHYSICAL REVIEW E	2009	80	2	21122	<a href="http://dx.doi.org/10.1103/PhysRevE.80.021122">http://dx.doi.org/10.1103/PhysRevE.80.021122</a>
215	Structure change of Yb-156 at high-spin states	Hua Hui; Li Zhong-Yu; Wang Shou-Yu; Meng Jie; Li Zhi-Huan; Li Xiang-Qing; Xu Fu-Rong; Liu Hong-Liang; Zhang Shuang-Quan; Zhou Shan-Gui; Ye Yan-Lin; Jiang Dong-Xing; Zheng Tao; Zhu Li-Hua; Wu Xiao-Guang; Li Guang-Sheng; He Chuang-Ye; Ma Li-Ying; Lu Fei; Fan Feng-Ying; Han Li-Ying; Wang He; Xiao Jun; Li Xue-Qin; Chen Dong; Feng Xiao; Lou Jian-Lin; Liu Ying; Hao Xin; Pan Bo; Li Li-Hua	CHINESE PHYSICS C	2009	33		148-150	
216	Study of axial strain-induced torsion of single-wall carbon nanotubes using the 2D continuum anharmonic anisotropic elastic model	Mu, Weihua; Li, Ming; Wang, Wei; Ou-Yang, Zhong-can	NEW JOURNAL OF PHYSICS	2009	11		113049	<a href="http://dx.doi.org/10.1088/1367-2630/11/11/113049">http://dx.doi.org/10.1088/1367-2630/11/11/113049</a>
217	Study on the formation of the composite system of U-238+U-238	Wu Xi-Zhen; Tian Jun-Long; Zhao Kai; Zhang Ying-Xun; Li Zhu-Xia	CHINESE PHYSICS C	2009	33		30-32	
218	Supersymmetry and an extra vectorlike generation	Liu, Chun	PHYSICAL REVIEW D	2009	80	3	35004	<a href="http://dx.doi.org/10.1103/PhysRevD.80.035004">http://dx.doi.org/10.1103/PhysRevD.80.035004</a>
219	Temperature dependence of circular DNA topological states	Chen, Hu; Liu, Yanhui; Zhou, Zhen; Hu, Lin; Ou-Yang, Zhong-Can; Yan, Jie	PHYSICAL REVIEW E	2009	79	4	41926	<a href="http://dx.doi.org/10.1103/PhysRevE.79.041926">http://dx.doi.org/10.1103/PhysRevE.79.041926</a>
220	Tension term, interchange symmetry, and the analogy of energy and tension laws of the AdS soliton solution	Hu, Ya-Peng	JOURNAL OF HIGH ENERGY PHYSICS	2009		5	96	<a href="http://dx.doi.org/10.1088/1126-6708/2009/05/096">http://dx.doi.org/10.1088/1126-6708/2009/05/096</a>
221	Testing the lightest Higgs model with T parity in bottom quark pair production at high energy photon colliders	Huang, Jinshu; Lu, Gongru; Wang, Xuelei	PHYSICAL REVIEW D	2009	80	1	15019	<a href="http://dx.doi.org/10.1103/PhysRevD.80.015019">http://dx.doi.org/10.1103/PhysRevD.80.015019</a>
222	THE COSMOLOGICAL CONSTANT PROBLEM AND INFLATION IN THE STRING LANDSCAPE	Huang, Qing-Guo; Tye, S. -H. Henry	INTERNATIONAL JOURNAL OF MODERN PHYSICS A	2009	24	10	1925-1962	<a href="http://dx.doi.org/10.1142/S0217751X0904316X">http://dx.doi.org/10.1142/S0217751X0904316X</a>
223	The growth of linear perturbations in the DGP model	Fu, Xiangyun; Wu, Puxun; Yu, Hongwei	PHYSICS LETTERS B	2009	677	1-2	12-15	<a href="http://dx.doi.org/10.1016/j.physletb.2009.05.007">http://dx.doi.org/10.1016/j.physletb.2009.05.007</a>



224	The influence of antikaon condensations on neutrino emissivity from neutron	Ding, W. B.; Liu, G. Z.; Zhu, M. F.; Yu, Z.; Zhao, E. G.	ASTRONOMY & ASTROPHYSICS	2009	506	2	L13-L16	<a href="http://dx.doi.org/10.1051/0004-6361/200810814">http://dx.doi.org/10.1051/0004-6361/200810814</a>
225	THE LARGE CP PHASE IN B-s(B)-over-bar(s) MIXING FROM PRIMARY SCALAR UNPARTICLES	Parry, J. K.	MODERN PHYSICS LETTERS A	2009	24	23	1835-1846	<a href="http://dx.doi.org/10.1142/S0217732309030175">http://dx.doi.org/10.1142/S0217732309030175</a>
226	The principle of relativity and the special relativity triple	Guo, Han-Ying; Wu, Hong-Tu; Zhou, Bin	PHYSICS LETTERS B	2009	670	4-5	437-441	<a href="http://dx.doi.org/10.1016/j.physletb.2008.11.027">http://dx.doi.org/10.1016/j.physletb.2008.11.027</a>
227	The study of the elasticity of spider dragline silk with liquid crystal model	Cui, Lin-ying; Liu, Fei; Ou-Yang, Zhong-can	THIN SOLID FILMS	2009	518	2	735-738	<a href="http://dx.doi.org/10.1016/j.tsf.2009.07.080">http://dx.doi.org/10.1016/j.tsf.2009.07.080</a>
228	The SU(3)(C) x SU(4)(W) x U(1)B-L models with left-right unification	Li, Tianjun; Wang, Fei; Yang, Jin Min	NUCLEAR PHYSICS B	2009	820	1-2	534-564	<a href="http://dx.doi.org/10.1016/j.nuclphysb.2009.06.006">http://dx.doi.org/10.1016/j.nuclphysb.2009.06.006</a>
229	Theoretical modeling of spatial- and temperature-dependent exciton energy in coupled quantum wells	Liu, C. S.; Luo, H. G.; Wu, W. C.	PHYSICAL REVIEW B	2009	80	12	125317	<a href="http://dx.doi.org/10.1103/PhysRevB.80.125317">http://dx.doi.org/10.1103/PhysRevB.80.125317</a>
230	Theoretical study on spherical proton emission	Zhang HongFei; Wang YongJia; Dong JianMin; Li JunQing	SCIENCE IN CHINA SERIES G-PHYSICS MECHANICS & ASTRONOMY	2009	52	10	1536-1541	<a href="http://dx.doi.org/10.1007/s11433-009-0204-0">http://dx.doi.org/10.1007/s11433-009-0204-0</a>
231	Theory study of shapes in Tl-187, Tl-189 nuclei	Liu YanXin; Yu ShaoYing; Shen CaiWan; Dong YongSheng	SCIENCE IN CHINA SERIES G-PHYSICS MECHANICS & ASTRONOMY	2009	52	6	818-821	<a href="http://dx.doi.org/10.1007/s11433-009-0119-9">http://dx.doi.org/10.1007/s11433-009-0119-9</a>
232	Thermal fluctuations and bouncing cosmologies	Cai, Yi-Fu; Xue, Wei; Brandenberger, Robert; Zhang, Xinmin	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2009		6	37	<a href="http://dx.doi.org/10.1088/1475-7516/2009/06/037">http://dx.doi.org/10.1088/1475-7516/2009/06/037</a>
233	Thermal proton-neutron stars with hyperons	Yu Zi; Liu Guang-Zhou; Zhu Ming-Feng; Ding Wen-Bo; Zhao En-Guang	CHINESE PHYSICS C	2009	33		70-72	
234	Thermodynamics of black holes in Horava-Lifshitz gravity	Cai, Rong-Gen; Cao, Li-Ming; Ohta, Nobuyoshi	PHYSICS LETTERS B	2009	679	5	504-509	<a href="http://dx.doi.org/10.1016/j.physletb.2009.07.075">http://dx.doi.org/10.1016/j.physletb.2009.07.075</a>
235	Three-dimensional angular momentum projection in relativistic mean-field	Yao, J. M.; Meng, J.; Ring, P.; Arteaga, D. Pena	PHYSICAL REVIEW C	2009	79	4	44312	<a href="http://dx.doi.org/10.1103/PhysRevC.79.044312">http://dx.doi.org/10.1103/PhysRevC.79.044312</a>
236	Time delays of strings in D-particle backgrounds and vacuum refractive indices	Li, Tianjun; Mavromatos, Nick E.; Nanopoulos, Dimitri V.; Xie, Dan	PHYSICS LETTERS B	2009	679	4	407-413	<a href="http://dx.doi.org/10.1016/j.physletb.2009.07.062">http://dx.doi.org/10.1016/j.physletb.2009.07.062</a>
237	Top Quark Decay $t \rightarrow cb(\bar{b})$ in Topcolor-Assisted Technicolor Models	Liu Guo-Li	CHINESE PHYSICS LETTERS	2009	26	10	101401	
238	Top quark flavor-changing neutral-current decays and productions at LHC in the littlest Higgs model with T parity	Han, Xiao-Fang; Wang, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2009	80	1	15018	<a href="http://dx.doi.org/10.1103/PhysRevD.80.015018">http://dx.doi.org/10.1103/PhysRevD.80.015018</a>
239	Top quark three-body decays in the R-parity violating MSSM	Heng, Zhaoxia; Lu, Gongru; Wu, Lei; Yang, Jin Min	PHYSICAL REVIEW D	2009	79	9	94029	<a href="http://dx.doi.org/10.1103/PhysRevD.79.094029">http://dx.doi.org/10.1103/PhysRevD.79.094029</a>
240	Topological black holes in Horava-Lifshitz gravity	Cai, Rong-Gen; Cao, Li-Ming; Ohta, Nobuyoshi	PHYSICAL REVIEW D	2009	80	2	24003	<a href="http://dx.doi.org/10.1103/PhysRevD.80.024003">http://dx.doi.org/10.1103/PhysRevD.80.024003</a>
241	Topological quantum phase transition in the extended Kitaev spin model	Shi, Xiao-Feng; Yu, Yue; You, J. Q.; Nori, Franco	PHYSICAL REVIEW B	2009	79	13	134431	<a href="http://dx.doi.org/10.1103/PhysRevB.79.134431">http://dx.doi.org/10.1103/PhysRevB.79.134431</a>
242	TOPOLOGICAL SOLUTION OF BOHMIAN QUANTUM MECHANICS	Shi, Xuguang; Yu, Ming; Duan, Yishi	MODERN PHYSICS LETTERS A	2009	24	6	453-461	<a href="http://dx.doi.org/10.1142/S021773230902711X">http://dx.doi.org/10.1142/S021773230902711X</a>
243	TOPOLOGICAL STRUCTURE OF VORTEX LINES OF QUANTUM ELECTRON PLASMAS IN THREE-DIMENSIONAL SPACE	Shi, Xuguang; Duan, Yishi	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2009	23	11	2439-2447	<a href="http://dx.doi.org/10.1142/S0217979209052716">http://dx.doi.org/10.1142/S0217979209052716</a>
244	Topologically distinct classes of valence-bond solid states with their parent Hamiltonians	Tu, Hong-Hao; Zhang, Guang-Ming; Xiang, Tao; Liu, Zheng-Xin; Ng, Tai-Kai	PHYSICAL REVIEW B	2009	80	1	14401	<a href="http://dx.doi.org/10.1103/PhysRevB.80.014401">http://dx.doi.org/10.1103/PhysRevB.80.014401</a>
245	Transferring and Bounding Single Photon in Waveguide Controlled by Quantum Node Based on Atomic Ensemble	Lu Jing; Dong Hui; Kuang Le-Man	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	52	3	500-506	
246	Transformation from the nonautonomous to standard NLS	Zhao, D.; He, X. -G.; Luo, H. -G.	EUROPEAN PHYSICAL JOURNAL D	2009	53	2	213-216	<a href="http://dx.doi.org/10.1140/epjd/e2009-00051-7">http://dx.doi.org/10.1140/epjd/e2009-00051-7</a>
247	Transition form factors of B decays into p-wave axial-vector mesons in the perturbative QCD approach	Li, Run-Hui; Lue, Cai-Dian; Wang, Wei	PHYSICAL REVIEW D	2009	79	3	34014	<a href="http://dx.doi.org/10.1103/PhysRevD.79.034014">http://dx.doi.org/10.1103/PhysRevD.79.034014</a>
248	Triaxial rotation in atomic nuclei	Chen Yong-Shou; Gao Zao-Chun	CHINESE PHYSICS C	2009	33		1-4	
249	Triple coupling and parameter resonance in quantum optomechanics with a single atom	Chang, Yue; Ian, H.; Sun, C. P.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2009	42	21	215502	<a href="http://dx.doi.org/10.1088/0953-4075/42/21/215502">http://dx.doi.org/10.1088/0953-4075/42/21/215502</a>
250	Two mode photon bunching effect as witness of quantum criticality in circuit QED	Ai Qing; Wang YingDan; Long GuiLu; Sun ChangPu	SCIENCE IN CHINA SERIES G-PHYSICS MECHANICS & ASTRONOMY	2009	52	12	1898-1905	<a href="http://dx.doi.org/10.1007/s11433-009-0274-z">http://dx.doi.org/10.1007/s11433-009-0274-z</a>
251	Two-Component Description for Relativistic Fermions	Chen Yu-Qi; Sang Wen-Long; Yang Lan-Fei	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	51	6	1095-1100	
252	Two-Quark Condensate Changes with Quark Current Mass	Lu Chang-Fang; Lue Xiao-Fu; Wu Xiao-Hua; Zhan Yong-Xin	COMMUNICATIONS IN THEORETICAL PHYSICS	2009	52	3	483-486	
253	Understanding light scalar meson by color-magnetic wave function in QCD sum rule	Pang, Yi; Yan, Mu-Lin	EUROPEAN PHYSICAL JOURNAL A	2009	42	2	195-212	<a href="http://dx.doi.org/10.1140/epja/i2009-10876-4">http://dx.doi.org/10.1140/epja/i2009-10876-4</a>
254	Unitarity method with spurious pole	Feng, Bo; Yang, Gang	NUCLEAR PHYSICS B	2009	811	1-2	305-352	<a href="http://dx.doi.org/10.1016/j.nuclphysb.2008.11.032">http://dx.doi.org/10.1016/j.nuclphysb.2008.11.032</a>
255	Universal linear-temperature dependence of static magnetic susceptibility in iron pnictides	Zhang, G. M.; Su, Y. H.; Lu, Z. Y.; Weng, Z. Y.; Lee, D. H.; Xiang, T.	EPL	2009	86	3	37006	<a href="http://dx.doi.org/10.1209/0295-5075/86/37006">http://dx.doi.org/10.1209/0295-5075/86/37006</a>

256	Viscous Ricci dark energy	Feng, Chao-Jun; Li, Xin-Zhou	PHYSICS LETTERS B	2009	680	4	355-358	<a href="http://dx.doi.org/10.1016/j.physletb.2009.09.013">http://dx.doi.org/10.1016/j.physletb.2009.09.013</a>
257	Warm inflation with a general form of the dissipative coefficient	Zhang, Yi	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2009		3	23	<a href="http://dx.doi.org/10.1088/1475-7516/2009/03/023">http://dx.doi.org/10.1088/1475-7516/2009/03/023</a>