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搜索

当前位置: [首页](#)>>[科研与学科建设](#)>>[科研成果](#)>>正文

研究论文

2016-07-08 21:28 审核人:

物理与光电工程学院

第一完成单位发表SCI收录论文

2015年

序号	通讯作者	论文题目	发表刊物
1	杨传路	Enhancing the visible-light absorption of TiO ₂ with the use of key N, Co, and Na dopant concentrations	Sol Energ. Mat. & S
2	杨传路	Novel optical properties of g-Si ₃ N ₄ with B dopant	Mat. Chem. Phys.
3	杨传路	Theoretical investigation of adsorption and dissociation of H ₂ on cluster Al ₆ Si	Int. J. Hydrog. Ene
4	杨传路	Construction of analytic functions for the potential energy curves, dipole moments, and transition dipole moments of RbBe and CsBe molecules	J. Quant. Spectr. R
5	杨传路	Theoretical investigation of the laser cooling of a LiBe molecule	Phys. Rev. A
6	龚玉	Effects of channel noise on synchronization transitions in Newman-Watts neuronal network with time delays	Nonlin. Dyn.

	兵		
7	张立春	Optoelectronic Characteristics of UV Photodetector Based on GaN/ZnO Nanorods p-i-n Heterostructures	Electron. Mater. Le
8	赵刚	Nature of the first-order liquid-liquid phase transition in supercooled silicon	J. Chem. Phys.
9	朱林伟	Multifocal array with controllable polarization in each focal spot	Opt. Express
10	杨传路	Controlling the electronic transport properties of the tetrapyrimidinyl molecule with atom modified sulfur bridge	RSC Adv.
11	杨传路	Electronic transport properties of tetracyclopentadienyl modified with C and Si atoms	Phys. Lett. A
12	龚玉兵	Autaptic activity-induced synchronization transitions in Newman-Watts network of Hodgkin-Huxley neurons	Chaos
13	龚玉兵	Random coupling strength-induced synchronization transitions in neuronal network with delayed electrical and chemical coupling	Physica A
14	马晓光	The gamma-ray spectra of halocarbons in positron-electron annihilation process	Phys. Lett. A
15	王德华	Photoionization microscopy of Rydberg hydrogen atom near a dielectric surface	Philos. Maga.
16	王德华	Photoionization of Rydberg hydrogen atom in a magnetic fieldDehua	J. Electron. Spectros
17	闫金良	First-principles study of nitrogen doping and oxygen vacancy in cubic PbTiO ₃	COMP MATER SCI
18	杨传路	Geometry, Electronic Properties and Magnetism of BemOn (m + n = 3, 4, 5) Clusters	Chinese J. Struct.
19	龚玉兵	Synchronization transitions induced by the fluctuation of adaptive coupling strength in delayed Newman-Watts neuronal networks	BioSyst.
	龚	Autaptic self-feedback-	

20	玉兵	induced synchronization transitions in Newman-Watts neuronal network with time delays	Eur. Phys. J. B
21	王美山	Theoretical study of spectroscopic constants and anharmonic force field of SiF ₂	J Mol Model
22	谭晓明	Theoretical investigation of local structure distortion and absorption spectra for tetragonal Cr ²⁺ ion in ZnSe:Cr ²⁺ system	Iran. J. Sci. Techn
23	王德华	Interference in the Photodetachment of a Negative Ion near Two Perpendicular Elastic Surfaces	Chin. J. Phys
24	王德华	Photo-Detached Electron Flux Distribution in a Gradient Electric Field	Commun. Theor. Phy
25	王德华	Photodetachment of hydrogen negative ion confined in a magnetic circular nano-cavity	J. Optoelectron. Ad
26	王德华	Semiclassical Calculation of the Ionization Rate for a Rydberg Hydrogen Atom in a Magnetic Field	Chin. J. Phys.
27	陈建农	Super-long longitudinal magnetization needle generated by focusing an azimuthally polarized and phase-modulated beam	Chin. Opt. Lett.
28	王美山	同位素效应对H+NH ₂ →N+H ₂ 反应的立体动力学性质的影响	物理学报
29	王德华	氢负离子在梯度电场中光剥离的波包动力学研究	物理学报

2014年

序号	通讯作者	论文题目	发表刊物
1	杨传路	Spontaneous nanoinjection with carbon nanotubes: a molecular dynamics simulation study	JOURNAL OF MATERIALS CI
2	闫金良	Transparent conductive Ga ₂ O ₃ /Cu/ITO multilayer films prepared on flexible substrates at room temperature	APPL SURF SCI
3	杨传路	The novel optical properties of CdS caused by concentration of impurity Co	JOURNAL OF ALLOYS AND C
4	杨传路	Novel properties of c-Si ₃ N ₄ with C, O and F dopants	JOURNAL OF ALLOYS AND C
5	张立春	Room Temperature Electroluminescence from n-ZnO:Ga/i-ZnO/p-GaN:Mg Heterojunction Device Grown by PLD	Electron Mater Lett
6	张大伟	Three-dimensional shape-controllable focal spot array created by focusing vortex beams modulated by multi-value pure-phase grating	Opt Express
7	陈建农	Multifocal spot array generated by fractional Talbot effect phase-only modulation	Opt Express
8	杨传路	Effects of silica surface on the ordered orientation of polyethylene: A molecular dynamics study	APPLIED SURFACE SCIENCE

9	陈建农	The generation of a complete spiral spot and multi split rings by focusing three circularly polarized vortex beams	Optics Communications
10	马晓光	LOVO Electrons: The Special Electrons of Molecules in Positron Annihilation Process	J. Phys. Soc. JPN
11	马晓光	The dominant contributions of the inner valence electrons to the positron annihilation process in methanol	Phys. Lett. A
12	谭晓明	Theoretical investigations of substitution site and local structure distortion for tetragonal Cr ²⁺ ion in AgGaSe ₂ :Cr ²⁺ compound	Materials Science and E
13	唐莉	Generation of multipartite entangled coherent states via a superconducting charge qubit	Physics Letters A
14	王德华	Photodetachment of H ⁻ ion near two repulsive centers	J. Electron. Spectrosc.
15	王德华	Interference of the photodetached electron waves propagating in perpendicular electric and magnetic fields	J. Electromagnet. Wave.
16	王德华	Electric Field Control of the Photodetachment of H ⁻ Ion near a Repulsive Center	J. Phys. Soc. Jpn.
17	王德华	Aharonov - Bohm Effect in the Photodetachment Microscopy of Hydrogen Negative Ions in an Electric Field	J. Phys. Soc. Jpn.
18	王德华	Escape of photo-detached electron from an annular nanomicrocavity	Philosoph. Mag.
19	杨传路	Dynamic Mechanism of Single-Stranded DNA Encapsulated into Single-Wall Carbon Nanotubes: A Molecular Dynamics Simulation Study	JOURNAL OF THE PHYSICAL
20	杨传路	Tuning the band gap and optical properties of γ -Si ₃ N ₄ with rare earth element Ce	RSC Advances
21	杨传	An Ab Initio Study on the Ground and Low-lying States of BAlk (Alk = Li, Na, K) Molecules.	The Journal of Physical

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22	赵刚	Structural and dynamical properties of MgSiO ₃ melt over the pressure range 200 - 500 GPa: Ab initio molecular dynamics	J. Non-Cryst. Solids
23	赵刚	First-order liquid-liquid phase transition in As ₂ S ₃ melt caused by change of intermediate-range order	J. Non-Cryst. Solids
24	杨传路	Energy gap tuning and optical properties of γ -Si ₃ N ₄ doped with Fe, Co and Ni	Materials Science in Se
25	赵刚	Pressure dependence of structural and dynamical properties in melt sulfur: Evidence for two successive chain breakages	Chem. Phys. Lett.
26	王美山	Effects of the collision energy on the stereodynamics of the reaction: S(3P) + H ₂ (v = 0, j = 0) → SH + H	Chem. Phys.
27	王德华	Control of the photodetachment of H ⁻ near a metallic sphere surface by an elastic interface	Chin. Phys. B
28	董全力	Ray tracing method for the grazing incidence flat-field imaging soft X-ray spectrometer	Chinese Phys. B
29	王德华	Photodetachment Microscopy of hydrogen negative ion in a Uniform Magnetic Field	J. Optoelectron. Adv.
30	王德华	Photodetachment of a Hydrogen Negative Ion inside an Annular Nano-Microcavity	Chin. J. Phys.
31	王德华	Escape of quantum particles from an open nano-circular microcavity,	Phys. B
32	王德华	Photodetachment of H ⁻ ion in perpendicular electric and magnetic fields near a metal surface	Can. J. Phys.
33	王德华	氢负离子在电介质球面附近的光剥离研究	物理学报

34	闫金良	Structural and electrical properties of Sn-doped Ga _{1.375} In _{0.625} O ₃ with different doping concentrations	Physica B
35	闫金良	Formation of ZnGa ₂ O ₄ films by multilayer deposition and subsequent thermal annealing	Chin. Phys. B
36	杨传路	Controllable low-bias negative differential resistance, switching, and rectifying behaviors of dipyrimidinyl-diphenyl induced by contact mode	PHYSICA B-CONDENSED MATTER
37	杨传路	Nonbond interactions between rapheme nanosheets and polymers: a computational study	e-Polymers
38	王美山	Effects of the vibrational and rotational excitation of reagent on the stereodynamics of the reaction S(3P) + H ₂ S → SH + H	Chin. Phys. B
39	王美山	Theoretical study of spectroscopic constants and anharmonic force field of formaldehyde	Journal of Theoretical
40	杨传路	Effects of collision energy on stereodynamics of N(2D) + D ₂ (X ¹ g ⁺) → ND(X ³ -) + D(2S) reaction	Computational and Theor
41	朱林伟	Integrated digital holography for measuring the photothermal effect induced by femtosecond laser pulses	Opt. Eng.
42	龚玉兵	Noise-induced synchronization transitions in neuronal network with delayed electrical or chemical coupling	Eur. Phys. J. B
43	龚玉兵	Optimization of intrinsic stochastic resonance in adaptive Newman-Watts network of channel blocked Hodgkin-Huxley neurons	Fluct. Noise Lett.

2013年

序号	通讯作	论文题目	发表刊物
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	者		
1	刘明良	Effect of Stack Configurations on Single Chamber Solid Oxide Fuel Cell, Anode - cathode, Anode-anode, and Cathode-cathode Configuration	Electrochim. Act
2	王德华	Photodetachment of H-ion Inhomogeneous Electric and Magnetic Fields	J. Phys. Soc. Jpi
3	张杰	Unique mechanical properties of nanostructured transparent MgAl2O4 ceramics	NANOSCALE RE
4	张立春 赵风周	Improvement of UV electroluminescence of n-ZnO/p-GaN heterojunction LED by ZnS interlayer	Opt. Express
5	杨传路	An ab initio study of the ground and low-lying excited states of KBe with the effect of inner-shell electrons	J. Chem. Phys.
6	杨传路	Dynamic mechanism of HIV replication inhibitor peptide encapsulated into carbon nanotubes	Curr. Appl. Phys
7	池方萍	Controlling field-free molecular orientation with combined circularly and linearly polarized resonant pulses at low rotational temperatures	Chem. Phys. Lett.
8	谭晓明	Total cross sections for electron scattering from sulfur compounds	Chin. Phys. B
9	王德华	Photodetachment of hydrogen negative ion inside a circular microcavity	Chin.Phys.B
10	王德华	Photodetachment electron flux of H-in combined electric and magntic field with arbitrary orientation	J. Electron. Spe
11	王菲菲	Optoelectronic characteristics of CuO nanorods	Chin. Phys. B
12	张立春	White electroluminescence from ZnO nanorods/p-GaN heterojunction light-emitting diodes under reverse bias	J. Opt.
13	李清	Improvement in electroluminescence performance of n-ZnO/Ga2O3/p-GaN heterojunction light-emitting diodes	Chin. Phys. B

	山		
14	龚玉兵	Adaptive coupling optimized spiking coherence and synchronization in Newman - Watts neuronal networks	Chaos
15	龚玉兵	Multiple synchronization transitions due to periodic coupling strength in delayed Newman - Watts networks of chaotic bursting neurons	Nonlin. Dyn.
16	杨传路	The effect of inner-shell electrons on the ground and low-lying excited states of KLi: Ab initio study with all-electron basis sets	J. Quant. Spectr.
17	杨传路	A full-dimensional analytical potential energy surface for the F + CH4 -> HF+CH3 reaction	Chin. Phys. B
18	杨传路	Quasi-Classical Trajectory Study of the N(D-2) + H-2(X-1 Sigma(+)(G)) -> NH(X-3 Sigma(-)) + H(S-2) Reaction Based on an Analytical Potential Energy Surface	J. Phys. Chem. A
19	杨传路	Effects of electrode orientation on the transport properties of pyridine - terminated dithienylethene light molecule switch under bias	Solid. State. Cor
20	杨传路	Potential energy curve study on the 3P electronic states of Ga (= F, Cl, and Br) molecules	Chin. Phys. B
21	王美山	The influence of femtosecond laser parameters on the wavepacket and population of the diabatic excited states of NaLi	Mol. Phys.
22	王美山	The effect of collision energy on the stereo-dynamics of the reaction H(2S) +NH ->N(4S) +H2	Chinese Phys. B
23	王德华	Dynamics of the Photo-Detached Electron Wave Propagation near a Metal Surface	Chin. J. Phys.
24	王德华	氢负离子在变形球面附近的光剥离	Acta Phys. Sin.
25	王德华	Photodetachment of H- near a Dielectric-Covered Metal Surface	Braz. J. Phys.
	王	Escape of Particles from an Open Square-	

26	德华	Shaped Cavity	Commun. Theor
27	王德华	Photodetachment of H-ion in a nonuniform electric field	Can. J.Phys.
28	王德华	Escape of Photodetached Electrons from a Nanocircular microcavity	Can. J.Phys.
29	张志红	准经典轨线方法对Ca+CD3I-CaI+CD3同位素效应的动力学研究	CJCU
30	赵刚	Structural and dynamical change of liquid carbon with pressure: ab initio molecular dynamics simulations	Phys. Scr.
31	龚玉兵	Periodic coupling strength-dependent multiple coherence resonance by time delay in Newman - Watts neuronal networks	Biosystems
32	龚玉兵	Delay-induced firing behaviors and transitions in adaptive neuronal networks with two types of synapses	SCI. CHINA Che
33	龚玉兵	Adaptive coupling-enhanced spiking synchronization in Newman - Watts neuronal networks with time delays	SCI. CHINA Che
34	杨传路	The theoretical study of the ground electronic states of GaX (X = F, Cl, and Br) molecules	Comput. Theor.
35	杨传路	Effect of doping Fe and Si on electronic structure and optical Properties of CdS	Physica B
36	杨传路	First-principles analysis of the effect of contact sites on electronic transport properties of diaminofluorene	Physica B
37	杨传路	Electronic Transport Behavior of the Closed and Open - Shell Forms of Polychlorotrimethylphenyl	Commun. Comp
38	朱林伟	Synthesis aperture femtosecond-pulsed digital holography	Opt. Eng.
39	王美山	Influence of collision energy and reagent vibrational excitation on the stereodynamics of the reaction H + LiH→H2 + Li	Chem. Phys.

40	王美山	The Study of The Properties of The Ground and Low Lying Excited States of ASH_2^- , ASH_2^+ and ASH_2	J. Theor. Comput.
41	王美山	Density Functional Theory Studies of Spectroscopic Constants and Anharmonic Force Field of O^3ClO	J. Theor. Comput.
42	王美山	The effects of collision energy and reagent vibrational excitation on the reactivity of the reaction $H + LiH$: A quasiclassical trajectory study	Comput. Theor.

2012年

序号	通讯作者	论文题目	发表刊物
1	杨传路	Isothermal Crystallization of Short Polymer Chains Induced by the Oriented Slab and the Stretched Bundle of Polymer: A Molecular Dynamics Simulation	J. Phys. Chem. B
2	王德华	Photodetachment of H- near a Metallic Nanosphere Surface	J. Phys. Soc. Jpn
3	王德华	Semiclassical Calculation of the Photodetachment Cross Section of Hydrogen Negative Ion Inside a Square Microcavity	J. Phys. Soc. Jpn
4	龚玉兵	Delay-induced diversity of firing behavior and ordered chaotic firing in adaptive neuronal networks	Chaos Soliton. Fract
5	龚玉兵	Ordered chaotic bursting and multiple coherence resonance by time-periodic coupling strength in Newman-Watts neuronal networks	Chaos Soliton. Fract
6	谭晓明	Total cross sections for electron scattering from fluoromethanes: A revised additivity rule method	Chin. Phys. B
7	王德华	Photodetachment of negative ion in a gradient electric field near a metal surface	Chin. Phys. B

8	闫金良	Transparent conductive ITO/Cu/ITO films prepared on flexible substrates at room temperature	Appl. Surf. Sci.
9	闫金良	Electronic structures and optical properties of Zn-doped Ga_2O_3 with different doping sites	Chin. Phys. B
10	闫金良	Effects of N-doping concentration on the electronic structure and optical properties of N-doped Ga_2O_3	Chin. Phys. B
11	王德华	Coherent control of photodetachment of HZ in an electric field near a metal surface.	Phil. Magaz.
12	王德华	Photodetachment microscopy of a hydrogen negative ion in an electric field near a metal surface	Chin. Phys. B
13	王德华	Photoionization Microscopy of Rydberg Hydrogen Atom in a Generalized van der Waals Potential	Brza. J. of Phys.
14	杨传路	Analytical potential energy functions and spectroscopic properties for the ground and low-lying excited states of KRb	Spectrochimica Acta
15	杨传路	Dynamic mechanism for encapsulating two HIV replication inhibitor peptides with carbon nanotubes	Chin. Phys. B
16	杨传路	Stereodynamics of the reactions $\text{Ne}+\text{H}-2(+)/\text{Ne}+\text{D}-2(+)/\text{Ne}+\text{T}-2$	Chin. Phys. B
17	龚玉兵	Dependence of delay-induced coherence resonance on time-periodic coupling strength in Newman-Watts networks	Eur. Phys. J. B
18	龚玉	Multiple coherence resonances by time-periodic coupling strength in scale-free networks of bursting neurons	Eur. Phys. J. B

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19	王美山	In uence of the reagent vibration on the stereo dynamics of the reactions $D + H_2$ and $H + D_2$	Chinese Phys. B
20	王美山	The influence of femtosecond laser parameters on the wavepacket and population of the diabatic excited states of NaLi	Mol. Phys.
21	李清山	Electroluminescence from n-ZnO:Ga/p-GaN heterojunction light emitting diodes with different interfacial layers	J. Phys. D Appl. P
22	徐钦峰	Entanglement properties of atoms in the kerr-nonlinear blackbody	Eur. Phys. J. D
23	徐钦峰	The creation of double tight focus by a concentric multi-belt pure phase filter	Opt. Commun.
24	马晓光	Femtosecond control of photoionization and photodissociation of sodium iodine molecules by laser pulse	Chin. Opt. Lett.
25	曲照军	可控三膜纠缠相干态的产生	物理学报
26	谭晓明	Total Electron Scattering Cross Sections of SiH4 and PH3 Molecules in the Energy Range from 1 eV to eV	Chin. J. Phys.
27	王德华	氢负离子在磁场和电介质表面附近光剥离的研究	物理学报
28	徐秀玮	受线性阻尼和含时外力作用粒子的量子行为	物理学报
29	于	Influence of vibrational excitation and collision energt on the stereo dynamics of the reactions: N	J. Theor. Comput

	永江	$(^4S) + H_2 (v = -3 j =) \rightarrow NH + H$	
30	于永江	两原子核的碰撞能对 $N(^4S) + H_2$ 反应立体动	物理学报
31	闫金良	Electronic structure and optical properties of N -Zn co-doped $-Ga_2O_3$	Sci. China Phys. M
32	闫金良	First- principles study on electronic structure and optical properties of N -doped P-type $-Ga_2O_3$	Sci. China Phys. M
33	闫金良	A comparison of electronic structure and optical properties between N -doped $-Ga_2O_3$ and N-Zn co-doped $-Ga_2O_3$	Physica B
34	杨传路	The translocation of DNA oligonucleotide with the water stream in carbon nanotubes	Comput. Theor. C
35	杨传路	Orientation effect on the electronic transport properties of C -24 fullerene molecule	Physica B
36	杨传路	Effect of functionalization on the interfacial binding energy of carbon nanotube/nylon nanocomposites: a molecular dynamics study	RSC Advance
37	杨传路	The analytical potential energy functions, spectroscopic parameters and ro -vibrational spectra of SH+ molecule	Comput. Theor. C
38	董全力	Energetic electron generation by magnetic reconnection in laboratory laser -plasma interactions	J. Plasma Phys.
39	龚玉兵	Coherence resonance by either internal noise or external non - Gaussian noise in intracellular calcium oscillations	Fluct. Noise Lett.
40	龚玉兵	Effect of non- Gaussian channel noise on coherence resonance in coupled stochastic Hodgkin - Huxley neurons	Fluct. Noise Lett.
41	龚玉兵	Coherence resonance and bi- resonance by time- periodic coupling strength in Hodgkin- Huxley neuron networks	Sci. China Chem.

42	龚玉兵	Periodic coupling strength-enhanced coherence resonance induced by a particular kind of non-Gaussian noise in neuronal networks	Fluct. Noise Lett.
43	陈建农	A four-quadrant phase filter for creating two focusing spots	Opt. Commun.

2011年

序号	通讯作者	论文题目	发表刊物
1	杨传路	High-efficiency storage of lithium with single-walled carbon nanotubes	Comput. The
2	杨传路	Quasi-classical Trajectory Study of the Ne + H (2)(+) -> NeH (+) + H Reaction Based on Global Potential Energy Surface	J. Phys. Chem.
3	杨传路	Geometrical and Electronic Properties of the Clusters of C (2) Cage Doped with Alkali Metal Atoms	J. Clust. Sci.
4	杨传路	Isotopic effects on the stereodynamics for the Ne + H (2)(+)/Ne + HD(+)/Ne + HT (+) reactions	Chem. Phys.
	杨传路	The geometric structure and electronic properties of Fe (3)O(3)(+) clusters	Physica B
	杨传路	Interactions of M(z)-X complexes (M = Cu, Ag, and Au X = He, Ne, and Ar and z = +/- 1)	J. Chem. Phys.
	杨传路	The geometric, electronic and magnetic properties of Fe (n)O(m) (+) (n+m=) clusters: a density functional theory study	Mol. Phys.
	杨传路	Crystallization of alkane melts induced by carbon nanotubes and graphene nanosheets: a molecular dynamics simulation study	Phys. Chem.
	杨传	Na effect on the electronic transport properties of C (2) H(2) molecule	Acta Phys. Sin.

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1	杨传路	Collision Energies Effect on Stereodynamics for Ne + H (2)(+) -> NeH(+) + H Reaction	Chinese Phy:
11	杨传路	Spectroscopic properties and vibrational levels for X2 + and A2 states of CS+ molecule: A multi-reference configuration interaction study	Comput. The
12	杨传路	An Idea to Produce Composite Nanowires with Copper Nanoparticles Filling Into Carbon Nanotubes	J. Comput. T
13	王美山	DFT/TDDFT study on the excited-state hydrogen bonding dynamics of hydrogen bonded complex formed by methyl cyanide and methanol	Comput. The
14	王美山	The SAC/SAC-CI studies of ground and low-lying electronic excited states of OCIO, OCIO+ and OCIO	Comput. The
1	王美山	Theoretical Study of the Stereodynamics of the Reaction C (3P)+CH (X2) and Its Isotopic Variants	Chinese Phy:
1	王美山	Excited-state hydrogen bonding dynamics of methyl isocyanide in methanol solvent: A DFT/TDDFT study	Cent. Eur. J.
1	王美山	Ab initio study of spectroscopic constants and anharmonic force field of AsH ₂ radical	J. Theor. Co
1	王德华	Effect of a dielectric thin film on the photodetachment of H near a metalsurface.	J. Appl. Phys
1	王德华	Photodetachment of H- near two perpendicular metal surfaces.	Curr. Appl. P
2	王德华	Influence of the Oscillating Electric Field on the Photodetachment of H - near a Metal Surface.	J. Phys. Soc.
21	王德华	Effects of the dielectric discontinuity on the photodetachment of H - ion.	Philos. Mag.
	王		

22	德华	Semiclassical calculation of ionisation rate for Rydberg helium atoms in an electric field.	Chinese Phy:
23	王德华	Photodetachment Microscopy of H- in the Magnetic Field near a Metal Surface.	J. Phys. Che
24	王德华	The influence of interface modifier on photodetachment of negative ions in an electric field near a metal surface.	Chinese Phy:
2	王德华	Magnetic field effect in photodetachment from negative ion in electric field near metal surface.	Chinese Phy:
2	王德华	激光脉冲对氢负离子在金属面附近光剥离的影响	物理学报
2	王德华	氢负离子在微腔中的光剥离研究	物理学报
2	王德华	H-在金属面附近光剥离的波包动力学研究	物理学报
2	马晓光	Photoabsorption cross sections of the alkaline -earth- metal elements under strong interaction conditions	Chinese Phy:
3	马晓光	Diagrammatic representation of electronic correlations in photoionization process: application to scandium	Commun. TF
31	谭晓明	Total cross sections for electron scattering from CH3OH and CH3CH2OH molecules in the energy range from 1 to 1 eV	Nucl.Instrum
32	吕新友	Voltage-controlled entanglement and quantum - information transfer between spatially separated quantum -dot molecules	Phys. Rev. A
33	吕新友	Three-coupled-quantum-well nanostructures as a source of far -infrared entangled light	Eur. Phys. J.
34	徐钦峰	Experimental observation and analysis of novel pulse properties in Erbium - doped fiber ring laser with normal cavity dispersion	Laser Phys.
3	徐钦	The asymmetrical fractional fourier transforms and its optical implement	Optik-internationa

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3	陈建农	Production of confluent hypergeometric beam by computer-generated hologram	Opt Eng.
3	陈建农	Production of annular flat-topped vortex beams	Chin Opt Let
3	陈建农	Tight Focus of a Radially Polarized and Amplitude-modulated Annular Multi-Gaussian Beam	Chinese Phy:
3	陈建农	Nonparaxial propagation of radially polarized beam diffracted by an annular aperture	Chin Phys Le
4	闫金良	Electronic structure and optical properties of $\text{Sn}_{2x}\text{Ga}_{2-2x}\text{O}_3$ compounds	Sci. China Se
41	闫金良	Si掺杂-Ga ₂ O ₃ 的第一性原理计算与实验研究	物理学报
42	闫金良	Optical and structural properties of Cu-doped Ga ₂ O ₃ films	Mater. Sci. E-Adv.
43	闫金良	Structural and optical properties of N-doped Ga ₂ O ₃ films deposited by RF magnetron sputtering	Physica B
44	闫金良	Effect of SiO ₂ buffer layer thickness on the properties of ITO/Cu/ITO multilayer films deposited on polyethylene terephthalate substrates	Vacuum
4	龚玉兵	Single or multiple synchronization transitions in scale-free neuronal networks with electrical or chemical coupling	Chaos Solito
4	龚玉兵	Multiple coherence resonance induced by time-periodic coupling strength in stochastic Hodgkin-Huxley neuron networks	Chaos
4	龚玉兵	Non-Gaussian noise-induced coherence resonance of calcium oscillations in an array of coupled cells	Physica A
	龚	Multiple resonances with time delays and enhancement by non	

4	玉兵	-Gaussian noise in Newman-Watts networks of Hodgkin-Huxley neurons	Neurocompu
4	龚玉兵	Non-Gaussian noise-optimized intracellular cytosolic calcium oscillations	Biosystems
	龚玉兵	Influence of time delay and channel blocking on multiple coherence resonance in Hodgkin-Huxley neuron networks	Biosystems
1	龚玉兵	Non-Gaussian noise- and coupling-induced firing transitions of Newman-Watts neuronal networks	Fluct. Noise
2	龚玉兵	Chemical synaptic coupling-induced delay-dependent synchronization transitions in scale-free neuronal networks	Sci. China Ct
3	龚玉兵	Multiple resonances with time delays in scale-free networks of Hodgkin-Huxley neurons subjected to non-Gaussian noise	Sci. China Ct
4	于永江	Influence of rotational excitation and collision energy on the stereo dynamics of the reaction: N(4S) + H2 (v = , j = , 2, , 1) NH(X3 -) + H	Chinese Phy:
	于永江	聚焦径向调制Bessel-Gaussian 光束实现亚波长尺寸纵向偏振光束	物理学报
	于永江	Au(n=2,3,4)团簇和乙醇分子相互作用的第一性原理研究	物理学报
	于永江	Au(n=2-)团簇与乙醇分子相互作用的第一性原理研究	物理化学学报
	李清山	氧等离子环境下影响多孔硅光学特性的因素	激光与红外
	王美山	GeH ₂ 分子振转光谱常数的从头算研究	鲁东大学学报(自然科学版)
	闫金良	Optical properties of N-doped Ga ₂ O ₃ films deposited by RF magnetron sputtering,	光子学报
1	李清山	多孔硅衬底上ZnS薄膜的PLD制备和表征	光电技术应用

2010年

序号	通讯作者	论文题目	J
1	谭晓明	The fine structure levels and spin-singlet contributions to zero-field-splitting parameters of Cr ²⁺ ion in CdGa ₂ S ₄	Pl
2	谭晓明	A revised additivity rule for electron scattering from ethylene, propene, butene, ethane, propane and butane	Nt
3	赵刚	Ab initio molecular dynamics simulations of structural change in liquid Se ₃ Te from low to high-density phases	Pl
4	赵刚	Ab initio molecular dynamics study of liquid Se ₃ Te : structural, electronic and dynamical properties	Pl
5	王德华	Spontaneous Emission of a Polarized Atom in a Medium Between Two Parallel Mirrors	Cc
6	王德华	Dynamics of a Rydberg Hydrogen Atom in a Generalized van der Waals Potential and a Magnetic Field	Cf
7	王德华	Photodetachment of H ⁻ in a uniform electric field near a metal surface.	Ac
8	王德华	Electric ux distribution in photodetachment of heteronuclear diatomic molecular negative ion	Cf
9	王德华	Photodetachment of H ⁻ in the magnetic field near a metal surface	J.
10	王德华	Chaotic Dynamics and the Recurrence Spectra of the Rydberg Hydrogen Atom Near a Dielectric Surface	J.
11	王德华	Photodetachment of a homo-nuclear diatomic molecular negative ion with arbitrary molecular axis orientation	Mt
12	王德华	The influence of electric field on the photodetachment of H ⁻ near a metal surface	Cf
13	王德华	The Quantum State Distribution of a Circular Quantum Dot in the Presence of a Harmonic Potential and a Uniform Magnetic Field	Cf
14	王德华	Wave packet dynamics of the photodetachment of H ⁻ near a Dielectric Surface	Cf
15	王德华	Photodetachment of H ⁻ Near a Dielectric Surface	Cc
16	王德华	Photodetachment of H ⁻ in a Metallic Microcavity	J.
17	王德	Chaotic Dynamics of the Rydberg Hydrogen Atom in a Semi	Cf

	华	-Infinite Dielectric Medium	
18	王美山	The isotopic effects on stereodynamics for the two reactions: $H + LiH^+$ ($v=, j=$) $H + Li$ and $H + LiH$	<i>Ph</i>
19	王美山	Theoretical study of the influence of intense femtosecond laser field on the evolution of the wave packet and the population of NaRb molecule	<i>Cf</i>
20	王美山	Ab initio study of spectroscopic constants and anharmonic force field of FCO2 radical	<i>J</i>
21	王美山	Theoretical study of the influence of intense femtosecond laser field on the population of NO molecule electronic states	<i>Ac</i>
22	王美山	An Extend Study of The PDDCSs for The Reactions: $H + LiH^+$ ($v=, j=$) $H + Li$ and $H + LiH$	<i>Cf</i>
23	王美山	Theoretical Study of Influence of Femtosecond Laser Wavelength on Evolution of Double Minimum Electronic Excited State Wave Packet for NaRb	<i>Cf</i>
24	王美山	Control of reaction channels of CsI molecule by ultra-short laser pulse	<i>Cf</i>
25	闫金良	First-principles study on electronic structure and optical properties of Sn-doped -Ga O	<i>Ph</i>
26	吕新友	Three mode entanglement via tunneling induced interference in a coupled triple semiconductor quantum-well structure	<i>Ph</i>
27	吕新友	Generation of infrared entangled light in asymmetric semiconductor quantum wells	<i>Of</i>
28	郑利丽	Effect of Carried-Envelope Phase on Transient Process in a Cascade-Type System	<i>Cc</i>
29	徐秀玮	Exact solution for a time-dependent multi-mode coupled quadratic Bose system	<i>J</i>
30	陈建农	The focusing property of vector Bessel-Gauss beams by a high numerical aperture objective	<i>Of</i>
31	龚玉兵	Ordering chaos and synchronization transitions by chemical delay and coupling on scale-free neuronal networks	<i>Cf</i>
32	龚玉兵	Transition and enhancement of synchronization by time delays in stochastic Hodgkin-Huxley neuron networks	<i>Ne</i>
33	龚玉兵	Channel block-optimized spiking activity of Hodgkin-Huxley neurons on random networks	<i>Ph</i>
34	龚玉兵	Synchronization transitions on complex thermo-sensitive neuron networks with time delays	<i>Bi</i>
35	龚玉兵	Non-Gaussian noise-induced firing transitions and ordered bursts in a thermo-sensitive neuron	<i>Fl</i>
	龚玉	Delay-induced coherence bi-resonance-	

36	兵	like behavior in stochastic Hodgkin-Huxley neuron networks	Sc
37	龚玉兵	Non-Gaussian noise-enhanced stochastic rate oscillations in CO oxidation on nm-sized Pd particles	Sc
38	龚玉兵	Multiple enhancements of rate oscillations by non-Gaussian noise in NO reduction with CO on Pt (1)	Sc
39	杨传路	Geometrical, energetic and electronic properties of Au-n-(C3H O)m complexes (n=3, , m = n): A density functional theory study	Cf
40	杨传路	First-principles study of electronic transport properties of C-2 F-2 molecule	Ac Cf
41	杨传路	First-principles study of transport properties of endohedral Li C2 metallofullerene	Cu
42	杨传路	Fe _n O _m ⁺ (n+m=4)团簇的构型、电子结构特征和磁性	Ac Cf
43	杨传路	Structural, Electronic, and Magnetic Properties of Fe _n O _m ⁺ (n+m=) clusters	J. T.
44	杨传路	Theoretical study on the complexes of He, Ne and Ar	Cf
45	杨传路	Ab initio investigations of the charge transport properties of endohedral M C2 (M= Na and K) metallofullerenes	Cf

2009年

序号	通讯作者	论文题目	发表刊物
1	杨传路	First-Principles Study of Electronic Transport Properties of Dodecahedrane C ₂₀ H ₂₀ and Its Endohedral Complex Li C ₂₀ H ₂₀	J. Phys. Chem. C
2	杨传路	First-principles study of structure and quantum transport properties of C-2 fullerene	J. Chem. Phys.
3	杨传路	Investigation of (,) carbon nanotube-like boron structures using density functional theory	Chem. Phys. Lett.
4	杨传路	Theoretical characteristics of the bound states of M-X complexes (M=Cu, Ag, and Au, and X=He, Ne, and Ar),	J. Chem. Phys.
5	杨传路	MRCI potential energy curves and analytical potential energy functions for the X-2 Sigma(+) and (2) Pi states of BO molecule	Chin. Opt. Lett.

6	杨传路	BH分子基态和激发态解析势能函数和光谱性质	物理学报
7	杨传路	Shear-Induced Nucleation and Growth of Long Helices in Supercooled Isotactic Polypropylene	Macromolecules
8	王美山	The stereodynamics of the two reactions: $H + LiH^+$ ($v=, j=$) $H_2 + Li$ and $H + LiH$	Phys. Chem. Chem. Phys.,
9	王德华	Semiclassical calculation of ionization rate for Rydberg hydrogen atoms near a metal surface	Eur. Phys. J. D
10	王德华	The influence of a parallel magnetic field on the ionization of a hydrogenatom in an electric field.	J. Electron Spectrosc.
11	王德华	Coherent Control of Photodetachment of H in Perpendicular Electric and Magnetic Fields.	Chin. Phys. Lett.
12	王德华	Semiclassical Calculation of Recurrence Spectra of Rydberg Hydrogen Atom Near a Metal Surface.	Commun. Theor. Phys.
13	王德华	Spontaneous Emission of a Polarized Atom in a Medium Between Two Parallel Mirrors	Commun. Theor. Phys.
14	王德华	Photodetachment of H near a metal surface.	Chin. Opt. Lett.
15	王德华	Spontaneous emission of two interacting atoms near an interface	Chin. Opt. Lett.
16	龚玉兵	Coherence resonance induced by the deviation of non-Gaussian noise in coupled Hodgkin-Huxley neurons	J. Chem. Phys.
17	龚玉兵	Non-Gaussian noise optimized spiking activity of Hodgkin-Huxley neurons on random complex networks	Biophys.Chem.
18	龚玉兵	Coherence resonance induced by non-Gaussian noise in a deterministic Hodgkin-Huxley neuron	Physica A
19	龚玉兵	Effect of Gating Currents of ion channels on Collective Spiking in Coupled Hodgkin-Huxley Neurons	Sci. in Chin. Series B: Che
20	龚玉兵	Enhancement of spike coherence by the departure of non-Gaussian noise in a Hodgkin-Huxley neuron	Sci. in Chin. Series B: Che
21	龚玉兵	Colored noise-enhanced intrinsic stochastic oscillations in CO oxidation on nanometer-sized Pd particles	Sci. in Chin. Series B: Che
22	赵刚	Negative thermal expansion coefficient in supercooled liquid Te	Phys. Rev. B
23	谭晓明	Total Electron Scattering Cross Sections of He, Ne, Ar, Kr and Xe in the Energy Range 1 eV to 1 eV	Z.Naturforsch. A
24	谭晓明	Local Structure Determination of Tetragonal Cr^{2+} Center in CdS Semiconductor	Z.Naturforsch. A
25	马晓光	Variation of photoabsorption cross section of atomic silver from isolated to condensed conditions	Chin. Phys. B
26	马晓光	Density-dependent photoabsorption cross sections of atomic Xe	Chin. Phys. B
		An alternative view of condensed-	

27	马晓光	phase photoionization	<i>Chin. Phys. B</i>
28	马晓光	Influence of Integral Instability of Kramers - Kronig Transformation on Photoabsorption cross sections	<i>Commun. Theor. Phys.</i>
29	曲 崇	Spectral properties and luminescence lifetime of blue light of solid state cathodoluminescence	<i>J Appl. Phys.</i>

2008年

序号	通讯作者	论文题目	发表刊物
1	杨传路	MRSDCI study on potential energy curves and ro- vibrational spectra of the BBr molecule	<i>Mol. Phys.</i>
2	杨传路	Structural, electronic, and magnetic properties of Fe ₃ C ₂ cluster	<i>J. Phys. Chem. A</i>
3	杨传路	First-principles calculations on the electrical structures and vibration frequencies of beta-Si ₃ N ₄	<i>Acta. Phys. Sin.</i>
4	杨传路	Interactions between single-walled carbon nanotubes and polyethylene/polypropylene/polystyrene/poly(phenylacetylene) /poly(p-phenylenevinylene) consid ering repeat unit arrangements and conformations: a molecular dynamics simulation study	<i>J. Phys. Chem. C</i>
5	杨传路	Dominant role of the interstitial 4d transition-metal in TM ₂ Zr ₁₂ (Z) (TM = - Cd, Z= , +/- 1) icosahedral cages	<i>Chem. Phys. Lett.</i>
6	赵刚	Local atomic structure and chemical bonding in liquid Te: An ab initio molecular-dynamics simulation	<i>Chem.I Phys. Lett.</i>
7	赵刚	Ab initio molecular dynamics simulations on structure change of liquid Te from normal - to supercooled-state	<i>J. Phys.- Condensed Matter</i>
8	龚玉兵	Enhancement of stochastic reaction rate oscillations by external noise in CO oxidation on nanometer-sized Pd particles	<i>Chem. Phys. Lett.</i>
9	龚玉兵	Enhancement of stochastic oscillations by colored noise or internal noise in NO reduction by CO on small platinum surfaces	<i>J. Chem. Phys</i>
10	龚玉兵	Novel effect of coupled external and internal noise in stochastic resonance	<i>Physica A</i>
11	龚玉兵	Effect of channel block on the collective spiking activity of coupled stochastic Hodgkin-Huxley neurons	<i>Sci. in Chin., Series I</i>
12	龚玉兵	离子通道中毒对耦合随机Hodgkin-Huxley神经元集体激发行为的影响	<i>中国科学B 辑: 化学</i>
13	王丽	Performance Analysis of Wavelength Conversion Using a Light -	<i>Opt. Commun.</i>

	丽	Injected Laser Diode Based on Improved Rate Equations	
14	马晓光	Macroscopic local-field effects on photoabsorption processes	<i>Phys. Lett. A</i>
15	王德华	The Recurrence Spectra of Rydberg HeH ⁺ Molecule Ion in a Magnetic Field	<i>J. Chem. Phys</i>
16	王德华	The recurrence spectra of the Rydberg hydrogen atom interacting with a metallic surface and an electric field.	<i>J Electron Spectrosc.</i>
17	王德华	Semiclassical calculation of recurrence spectra of Rydberg He ₂ ⁺ molecular ion in a magnetic field.	<i>Chin. Phys.</i>
18	王德华	Photodetachment of HF ⁻ in an Electric Field.	<i>Chin. Phys. Lett.</i>
19	王德华	Absorption and Recurrence Spectra of Nonhydrogenic Rydberg Atom Near a Metal Surface.	<i>Commun. Theor. Ph.</i>
20	王德华	Photodetachment of H ⁻ in an electric field between two parallel interfaces.	<i>Chin. Phys.</i>
21	王德华	Electron Flux Distributions in the Photodetachment of H ⁻ in an Electric Field.	<i>Commun. Theor. Ph.</i>
22	王美山	A comparison of the stereodynamics between the reactions H+HH (D, T) and the reactions H+HH(D, T)	<i>Chem. Phys.</i>
23	王美山	First-Principles study of the carbon-oxygen nanotubes	<i>J. Comput. and Theor.</i>
24	王美山	Ground and low-lying Excited States of SO ₂ studied by the SAC/SAC-CI Method	<i>J. Mol Struct-Theochem</i>
25	王美山	Ab initio calculation of the ionization spectrum of SO ₂	<i>Chin. Phys.</i>
26	王刚	Algorithm Based on the finite ridgelet transform for enhancing faint pavement cracks	<i>Opt. I Engineering</i>
27	杨传路	Ab initio multi-reference configuration interaction of the low-lying states of the AsP molecule	<i>Chin. Opt. Lett.</i>
28	池方萍	Controlling field free molecular orientation with microwave pulses	<i>Chem. I Phys. Lett.</i>
29	王德华	Dynamics of the Rydberg hydrogen atom interacting with a metallic surface and a magnetic field.	<i>Chin. J. Phys.</i>

2007年

序号	通讯作者	论文题目	发表刊物
1	杨传路	MRCI study on the potential energy curves and spectroscopic parameters of the ground and low-lying excited states in CaF	<i>J. Mol Struct-Theochem</i>
2	杨传路	MRCI study on the ground and low-lying excited states of lutetium dimer	<i>J. Mol Struct-Theochem</i>
3	杨传路	多参考组态相互作用方法研究 ZnHg(谱项态 1^3)的势能曲	物理学报
4	杨传路	多参考组态相互作用方法计算研究 Ag(X ⁿ Σ ⁺)谱项态(谱项数, 1)的解析势	物理学报
5	杨传路	Multireference configuration interaction potential curve and analytical potential energy function of the ground and low-lying excited states of CdSe	<i>Chin. Phys.</i>
6	杨传路	<i>Ab initio</i> configuration interaction study of the ground and low-lying excited states of ZnCd	<i>Chin. Opt. Lett.</i>
7	王美山	Quasi-classical trajectory study of the cross sections of the reactions of D + HD, H + HD and H + D ₂ D ₂	<i>Chem. Phys. Lett.</i>
8	王美山	<i>Ab initio</i> study of spectroscopic constants and anharmonic force field of ⁴ GeCl ₂	<i>J. Chem. Phys.</i>
9	王美山	Theoretical study of the integral cross-sections of the reaction H + H ₂ → H + H ₂ and its isotopic variants	<i>Mol. Phys.</i>
10	王美山	Theoretical study of the stereodynamics of the reactions of D + H _{2} → H + HD and H + D_{2} → D + HD}}	<i>Chem. Phys.</i>
11	王德华	Photodetachment of H- in Parallel Electric and Magnetic Fields near an elastic Surface.	<i>Eur. Phys. J. D</i>
12	王德华	Photodetachment cross section of S ⁻ in electric and magnetic fields.	<i>Chin. Phys.</i>
13	王德华	The closed-orbit and the photoabsorption spectra of the Rydberg hydrogen atom between two parallel metallic surfaces. 1 (2)(2)	<i>Chin. Phys.</i>
14	王德华	Photo-detachment cross section of H- near two parallel interfaces.	<i>Chin. Phys.</i>

15	王德华	Photodetachment of H-near Elastic Surface in Parallel Electric and Magnetic Fields.	<i>Chin. Phys. Lett.</i>
16	王德华	Photodetachment of a Negative Hydrogen Molecular Ion near an Interface.	<i>Chin. Phys. Lett.</i>
17	王德华	Aharonov-Bohm effect in spherical billiard.	<i>Chin. Phys. Lett.</i>
18	龚玉兵	Enhancement of Stochastic Resonance Induced by Either Internal or External Noise in NO Reduction on Platinum Surfaces	<i>J. Phys. Chem. C</i>
19	龚玉兵	Stochastic Bi-resonance in Non-isothermal CO surface Catalytic Oxidation System	<i>Chem. J. Chin. U</i>
20	龚玉兵	Stochastic bi-resonance in non-isothermal carbon monoxide catalytic oxidation system	<i>Sci. in Chin. Series</i>
21	马晓光	Application of coupled equation method on resonance processes of atomic lithium	<i>Chin. Opt. Lett.</i>
22	徐秀玮	Analytic expression of arbitrary matrix elements for Boson exponential quadratic polynomial operators	<i>Commun. Theor. I</i>
23	王刚	An improved multifractal method for pavement cracks extraction	<i>Eng. Computation</i>
24	王刚	An improved computing method for the image edge detection	<i>Chin. Opt. Lett.</i>
25	王刚	The FRIT-based image enhancement algorithm for faint pavement cracks	<i>Laser in Engineeri</i>
26	谭晓明	Total Cross-Sections for Electron Scattering of C3H Isomers: A Modified Additivity Rule Approach	<i>Z. Naturforsch. A</i>
27	曲崇	Spectral properties and frequency response of solid state cathodoluminescence based on MEH-PPV	<i>J. Luminescence</i>
28	陈建农	Propagation and transformation of flat-topped multi-Gaussian beams in a general nonsymmetrical apertured double-lens system	<i>J. Opt. Soc A M A</i>

2006年

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序号	通讯作者	论文题目	发表刊物	卷
1	王德华	Application of closed-orbit theory to the Rydberg hydrogen atom near a metal surface	<i>J. Phys. B: At. Mol. Opt. Phys.</i>	
2	王德华	Recurrence spectra of the Rydberg hydrogen atom near two parallel metal surfaces	<i>Chin Phys Lett</i>	2
3	王德华	The Influence of laser pulse on the photoabsorption spectra of Li atom in strong external field	<i>Science in China (G)</i> .	
4	王德华	Absorption and Recurrence spectra of Li Rydberg atom in perpendicular electric and magnetic field	<i>Commun.Theor.Phys</i>	4
5	龚玉兵	Ordering spatiotemporal chaos in complex thermo-sensitive neuron networks	<i>Phys Rev E</i>	3
6	马晓光	An alternative approach to condensed-phase photoionization	<i>Phys. Lett. A</i>	34
7	马晓光	Theoretical Studies on Expressions of Condensed-Phase Photoionization Cross Section	<i>Commun.Theor.Phys</i>	4
8	陈建农	Fractional Fourier transform of spherical refracting system and paraboloid refracting system	<i>Opt. Commun.</i>	
9	任廷琦	Density Functional Theory Investigation of Product Distribution following Reaction	<i>J. Phys. Chem. B</i>	
10	杨传路	Potential energy curves and analytical potential energy functions of the metastable states of B^{++}	<i>Chin. Phys.</i>	1
11	杨传路	MRCI potential curve and analytical potential energy function of the ground state (1^+) of HgZn	<i>J. Mol Struct-Theochem</i>	
12	曲照军	边界振动的微腔中的二能级原子	物理学报	

2005年

序号	通讯	论文题目	发表刊物	卷(期)起止页、
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号	作者			间
1	马晓光	Theoretical studies on the photoionization cross-sections of solid silver	<i>Chin. Phys.</i>	14(),1 2 1 (2)
2	龚玉兵	Internal noise stochastic resonance in NO reduction by CO on platinum surfaces	<i>J. Phys. Chem. A</i>	1 , 2 4 (2)
3	龚玉兵	Optimal Spike Coherence and Synchronization on Complex Hodgkin-Huxley Neuron Networks	<i>Chem. Phys. Chem.</i>	, 1 42 (2)
4	龚玉兵	Internal noise stochastic resonance in CO oxidation on nm-sized palladium particles	<i>Sci. in Chin. Ser. B</i>	4 (),3 (2)
5	龚玉兵	色噪声性质对一氧化氮还原反应体系随机共振的影响	高等学校化学学报	2 (12),23: (2)
6	龚玉兵	纳米尺度钯粒子表面一氧化碳氧化反应内噪声随机共振	中国科学	3 (2),12: (2)
7	王德华	激光脉冲对锂原子在强外场中光吸收谱的影响	中国科学 (G) 辑	3 (), 1- (2)
8	马美仲	Hybrid cis-dft method to study electric field effects on electronic excited states of ethylene	中国物理	4(1),11 : 11 (2)
9	陈建农	fractional Fourier transform and spherical refracting imaging system	<i>Opt. Commun.</i>	24 (4-),24 2 3(2)
10	曲照军	囚禁离子与单模场的相互作用	物理学报	4(3),11 11 (2)
11	杨传路	Ab initio configuration interaction study of the ground and low-lying electronic states of nit	<i>J. Chem. Phys.</i>	123 (2) ,2 4: 2 4313 (2)