

近三年中心成员发表的代表性的学术论文

序号	题名	作者	期刊名称	SCI 检索号
1	<i>GEOCHEMICAL CHARACTERISTICS AND EVALUATION OF HEAVY METALS IN NEAR-SURFACE ATMOSPHERIC DUST, PANZHUHUA MINE AREA, SICHUAN PROVINCE, CHINA</i>	<i>Xu, ZQ (1); Ni, SJ (4); Zhang, CJ (5);</i>	<i>FRESENIUS ENVIRONMENTAL BULLETIN 2014, 23 (3A) :929-940</i>	<i>WOS: 000333445000015</i>
2	<i>Digital logarithmic airborne gamma ray spectrometer</i>	<i>Zeng, GQ (1); Zhang, QX (2); Ge, LQ (5); Gu, Y (6); Cheng, F (7)</i>	<i>CHINESE PHYSICSC 2014, 38 (7)</i>	<i>WOS: 000339228400014</i>
3	<i>A Gaussian Distribution Based Dual-Cognition Driver Behavior Model at Cross Traffic</i>	<i>Liu, MZ (1);</i>	<i>SIXTH INTERNATIONAL CONFERENCE ON NONLINEAR MECHANICS (ICNM-VI) 2013:565-568</i>	<i>WOS: 000329405000117</i>
4	<i>Crustal thickening or isostatic rebound of orogenic wedge deduced from tectonostratigraphic units in Indosinian foreland basin, Longmen Shan, China</i>	<i>Li, Y (1);</i>	<i>TECTONOPHYSICS 2013, 619(SI) :1-12</i>	<i>WOS: 000335284900001</i>
5	<i>The phase diagrams of the CdCl₂-NaCl-H₂O system at 298 K</i>	<i>Huang, Y (1); Ni, SJ (2);</i>	<i>RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A 2014, 88 (2) :243-245</i>	<i>WOS: 000329253800009</i>
6	<i>OPTIMIZED DESIGN OF A PGNA SYSTEM FOR CEMENT ANALYSIS USING MONTE CARLO SIMULATIONS</i>	<i>Yang, JB (1);</i>	<i>NUCLEAR TECHNOLOGY 2013, 184 (2) :233-238</i>	<i>WOS: 000326005800009</i>
7	<i>Adsorption of water on UO₂ (111) surface: Density functional theory calculations</i>	<i>Tian, XF (1);</i>	<i>COMPUTATIONAL MATERIALS SCIENCE 2014, 91:364-371</i>	<i>WOS: 000339129100047</i>
8	<i>Green Synthesis of Silver Nanoparticles at Room Temperature Using Kiwifruit Juice</i>	<i>Gao, Y (1);</i>	<i>SPECTROSCOPY LETTERS 2014, 47 (10) :790-795</i>	<i>WOS: 000335850700008</i>
9	<i>Determination of mean</i>	<i>Li, Y (2);</i>	<i>QUATERNARY INTERNATIONAL</i>	<i>WOS:</i>

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	<i>recurrence interval of large earthquakes on the Garze-Yushu Fault (Dengke Segment) on the eastern margin of the Qinghai-Tibetan Plateau</i>	Ni, SJ (3);	2014, 333:122-129	000336442200014
10	<i>Determination of mean recurrence interval of large earthquakes on the Garze-Yushu Fault (Dengke Segment) on the eastern margin of the Qinghai-Tibetan Plateau</i>	Li, Y (2);	QUATERNARY INTERNATIONAL 2013, 333:179-187	WOS: 000336442200020
11	<i>Migration of the carbonate ramp and sponge buildup driven by the orogenic wedge advance in the early stage (Carnian) of the Longmen Shan foreland basin, China</i>	Li, Y (1);	TECTONOPHYSICS, 2013, 619(SI):179-193	WOS: 000335284900019
12	<i>The advance of Longmen Shan orogenic wedge and migration of the foreland reef and shoal during the Indosinian orogeny, China</i>	Li, Y (1); Cao, JX (5);	ACTA PETROLOGICA SINICA 2014, 30(3):641-654	WOS: 000335279400004
13	<i>SURFACE PROCESS AND FLUVIAL LANDFORM RESPONSE TO THE MS 8.0 WENCHUAN EARTHQUAKE, LONGMEN SHAN, CHINA</i>	Li, Y (1);	JOURNAL OF EARTHQUAKE AND TSUNAMI 2013(7)5	WOS: 000335767300004
14	<i>Study on the Effect of Target Thickness on Output Spectrum in Transmission Anode Micro X-Ray Tube by MC Method</i>	Zhang, QX (1); Ge, LQ (2); Gu, Y (3); Zeng, GQ (4); Yang, Q (5); Luo, YY (6)	SPECTROSCOPY AND SPECTRAL ANALYSIS 2013, 33, (8):2231-2234	WOS: 000322692200047
15	<i>Asymmetric simple exclusion processes with complex lattice geometries: A review of models and phenomena</i>	Liu, MZ (1);	CHINESE PHYSICS B 2012, 21(9)	WOS: 000308870300022
16	<i>Dynamic of drowning of the carbonate ramp and sponge</i>	Li, Y (1);	ACTA PETROLOGICA SINICA 2011, 27(SI):3460-3470	WOS: 000297822900024

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	<i>build-up in the early stage (Carnian) of Longmen Shan foreland basin, Late Triassic, China</i>			
17	<i>SPATIAL RELATIONSHIPS BETWEEN SURFACE RUPTURES IN THE M-s 8.0 WENCHUAN EARTHQUAKE, THE LONGMEN SHAN REGION, SICHUAN, CHINA</i>	<i>Li, Y (1);</i>	<i>JOURNAL OF EARTHQUAKE AND TSUNAMI 2011, 5(SI):329-342</i>	<i>WOS: 000297520400002</i>
18	<i>THE STRONG MOTION RECORDS OF THE M-s 8.0 WENCHUAN EARTHQUAKE BY THE DIGITAL STRONG EARTHQUAKE NETWORK IN SICHUAN AND THE NEIGHBORING REGION</i>	<i>Li, Y (2);</i>	<i>JOURNAL OF EARTHQUAKE AND TSUNAMI 2011, 5(SI):343-361</i>	<i>WOS: 000297520400003</i>
19	<i>Seismic prediction of carbonate reservoirs in the deep of Longmenshan foreland basin</i>	<i>Cao, JX (1);</i>	<i>ACTA PETROLOGICA SINICA 2011, 27(8):2423-2434</i>	<i>WOS: 000295657100019</i>
20	<i>Two-class support vector data description</i>	<i>Huang, GX (1);; Guo, K (5)</i>	<i>PATTERN RECOGNITION 2010, 44(2):320-329</i>	<i>WOS: 000284446200013</i>
21	<i>Illuminate Proteins and Peptides by Elemental Tag for HPLC-ICP-MS Detection</i>	<i>Gao, Y (5);</i>	<i>APPLIED SPECTROSCOPY REVIEWS 2014, 49(6):492-512</i>	<i>WOS: 000328671400004</i>
22	<i>A genetic-algorithm-based neural network approach for EDXRF analysis</i>	<i>Liu, MZ (2);</i>	<i>NUCLEAR SCIENCE AND TECHNIQUES 2014, 25(3)</i>	<i>WOS: 000339366300005</i>
23	<i>A nuclear spectrum generator for semiconductor X-ray detectors</i>	<i>Zeng, GQ (1); Ge, LQ (4);</i>	<i>NUCLEAR SCIENCE AND TECHNIQUES 2014, 25(3)</i>	<i>WOS: 000339366300011</i>
24	<i>Molecular Dynamics Simulation of Xe Behavior in U-Mo Alloys Fuel</i>	<i>Tian, XF (3);</i>	<i>CHINESE PHYSICS LETTERS 2014, 31(4)</i>	<i>WOS: 000334400400033</i>
25	<i>Community centrality for node's influential ranking in complex network</i>	<i>Liu, MZ (4)</i>	<i>INTERNATIONAL JOURNAL OF MODERN PHYSICS C 2014, 25(3)</i>	<i>WOS: 000332032800003</i>
26	<i>Direct determination of mercury in cosmetic samples by isotope dilution inductively coupled plasma mass spectrometry after</i>	<i>Gao, Y (1); Shi, ZM (2);</i>	<i>ANALYTICA CHIMICA ACTA, 812:6-11</i>	<i>WOS: 000330581200002</i>

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	<i>dissolution with formic acid</i>			
27	<i>Silver Enhancement of Gold Nanoparticles for Biosensing: From Qualitative to Quantitative</i>	Gao, Y (5)	<i>APPLIED SPECTROSCOPY REVIEWS</i> , 49(2):121-138	WOS: 000322945400002
28	<i>Molecular dynamics simulation of displacement cascades in U-Mo alloys</i>	Tian, XF (1); Lu, CH (4)	<i>NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS</i> 2014, 321:24-29	WOS: 000331858900005
29	<i>Study of recursive model for pole-zero cancellation circuit</i>	Zhou, JB (1);	<i>NUCLEAR SCIENCE AND TECHNIQUES</i> 2014, 25(1)	WOS: 000335293500008
30	<i>Frequency spectrum analysis for spectrum stabilization in airborne gamma-ray spectrometer</i>	Zeng, GQ (1); Ge, LQ (3); Zhang, QX (4); Gu, Y (5)	<i>APPLIED RADIATION AND ISOTOPES</i> 2014, 85:70-76	WOS: 000332442900013
31	<i>Kiwifruit as Reducing Reagent for Green Synthesis of Gold Nanoparticles at Room Temperature</i>	Gao, Y (1);	<i>NANOSCIENCE AND NANOTECHNOLOGY LETTERS</i> 2014, 6(2):118-123	WOS: 000331626000004
32	<i>Application of the Racial Algorithm in Energy Dispersive X-Ray Fluorescence Overlapped Spectrum Analysis</i>	Zeng, GQ (1); Luo, YY (2); Ge, LQ (3); Zhang, QX (4); Gu, Y (5); Cheng, F (6)	<i>SPECTROSCOPY AND SPECTRAL ANALYSIS</i> 2014, 34(2):562-564	WOS: 000331427400054
33	<i>Dynamical simulations of displacement cascades near symmetrical tilt grain boundaries in UO2</i>	Tian, XF (1); Lu, CH (4)	<i>INDIAN JOURNAL OF PHYSICS</i> 2014, 88(2):137-143	WOS: 000329829900004
34	<i>A comparative study of CO catalytic oxidation on Pd-anchored graphene oxide and Pd-embedded vacancy graphene</i>	Lu, CH (2);	<i>JOURNAL OF NANOPARTICLE RESEARCH</i> 2014, 16(2)	WOS: 000329621400001
35	<i>On Multi-Element Spectrum of Prompt Gamma Neutron Activation Analysis</i>	Yang, JB (3);	<i>INTERNATIONAL SYMPOSIUM ON SIGNAL PROCESSING BIOMEDICAL ENGINEERING, AND INFORMATICS</i>	WOS: 000337621300068

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			<i>2014: 522-529</i>	
36	<i>A PLS-Based Weighted Artificial Neural Network Approach for Alpha Radioactivity Prediction inside Contaminated Pipes</i>	<i>Liu, MZ (2); Wang, L (3); Yang, JB (4);</i>	<i>MATHEMATICAL PROBLEMS IN ENGINEERING 2014</i>	<i>WOS: 000333833200001</i>
37	<i>Research on Spectral Characteristic of Miniature X-Ray Tube and Determination of Beryllium Window Thickness</i>	<i>Gu, Y (1); Ge, LQ (3); Zhang, QX (5);</i>	<i>SPECTROSCOPY AND SPECTRAL ANALYSIS 2014, 34(1):252-256</i>	<i>WOS: 000329379000051</i>
38	<i>A statistical approach to fit Gaussian part of full-energy peaks from Si(PIN) and SDD X-ray spectrometers</i>	<i>Yang, JB (4)</i>	<i>SCIENCE CHINA-TECHNOLOGICAL SCIENCES 2014, 57(1):19-24</i>	<i>WOS: 000329310200004</i>
39	<i>Preconcentration and in-situ photoreduction of trace selenium using TiO₂ nanoparticles, followed by its determination by slurry photochemical vapor generation atomic fluorescence spectrometry</i>	<i>Gao, Y (2);</i>	<i>MICROCHIMICA ACTA 2014, 182:197-204</i>	<i>WOS: 000329099700021</i>
40	<i>Determination of total mercury in biological tissue by isotope dilution ICPMS after UV photochemical vapor generation</i>	<i>Shi, ZM (3); Gao, Y (5);</i>	<i>TALANTA 2013, 117:371-375</i>	<i>WOS: 000328801400055</i>
41	<i>Simulation of gamma spectrum-shifting based on the parameter adjustment of Gaussian function space</i>	<i>Huang, HQ (1);</i>	<i>NUCLEAR SCIENCE AND TECHNIQUES 2013, 24(6)</i>	<i>WOS: 000333230600017</i>
42	<i>Analytic fitting and simulation methods for characteristic X-ray peaks from Si-PIN detector</i>	<i>Zhou, JB (4)</i>	<i>NUCLEAR SCIENCE AND TECHNIQUES 2013, 24(6)</i>	<i>WOS: 000333230600008</i>
43	<i>A Genetic-Algorithm-based Neural Network Approach for Radioactive Activity Prediction</i>	<i>Liu, MZ (4);</i>	<i>NUCLEAR SCIENCE AND TECHNIQUES 2013, 24(6)</i>	<i>WOS: 000333230600003</i>

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44	<i>Optimal choice of trapezoidal shaping parameters in digital nuclear spectrometer system</i>	Ge, LQ (2);	<i>NUCLEAR SCIENCE AND TECHNIQUES</i> 2013, 24(6)	WOS: 000333230600019
45	<i>Improvement of digital S-K filter and its application in nuclear signal processing</i>	Zhou, JB (1);	<i>NUCLEAR SCIENCE AND TECHNIQUES</i> 2013, 24(6)	WOS: 000333230600013
46	<i>Sensitive and Simultaneous Determination of As and Hg in Human Hair, Nail, and Saliva by CVG-AFS</i>	Gao, Y (5)	<i>ATOMIC SPECTROSCOPY</i> 2013, 34(6):238-243	WOS: 000330142900006
47	<i>Key techniques of wireless telemetry digital seismograph</i>	Liu, MZ (2);	<i>CHINESE JOURNAL OF GEOPHYSICS-CHINESE EDITION</i> 2013, 56(11):3673-3682	WOS: 000327753000008
48	<i>Application of In Situ Micro Energy Dispersive X-Ray Fluorescence Analysis in Mineralogy</i>	Ge, LQ (2); Gu, Y (3); Zhang, QX (4);	<i>SPECTROSCOPY AND SPECTRAL ANALYSIS</i> 2013, 33(11):3143-3147	WOS: 000326769300056
49	<i>Study on the Phase Equilibrium of the Reciprocal Quaternary System Cd²⁺, K⁺//Cl⁻, SO₄²⁻-H₂O at 298 K</i>	Huang, Y (1); Ni, SJ (2);	<i>JOURNAL OF CHEMICAL AND ENGINEERING DATA</i> 2013, 58(10):2733-2737	WOS: 000326367300004
50	<i>Oxidation of Pd-n (n=1-5) clusters on single vacancy graphene: A first-principles study</i>	Lu, CH (2);	<i>COMPUTATIONAL AND THEORETICAL CHEMISTRY</i> 2013, 1020:91-99	WOS: 000324966300012
51	<i>Research on the Peak Search Method Based on Improved Simulated Annealing Model for X-Ray Fluorescence Spectrum</i>	Zeng, GQ (1); Ge, LQ (2); Luo, YY (3); Zhang, QX (4); Cheng, F (5); Wang, GX (6)	<i>SPECTROSCOPY AND SPECTRAL ANALYSIS</i> 2013, 33(9):2583-2585	WOS: 000326064200058
52	<i>Effect of temperature on MRPC with pad read-outs</i>	Ding, WC (1);	<i>CHINESE PHYSICSC</i> 2013, 37(9)	WOS: 000323996000005
53	<i>Radioactive source localization inside pipes using a long-range alpha detector</i>	Liu, MZ (4);	<i>CHINESE PHYSICSC</i> 2013, 37(8)	WOS: 000322937800010

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54	<i>Totally asymmetric exclusion processes at constrained m-input n-output junction points</i>	Liu, MZ (2);	<i>CHINESE PHYSICS B</i> 2013, 22 (6)	WOS: 000321552000032
55	<i>Application of chemical vapor generation in ICP-MS: A review</i>	Gao, Y (1);	<i>CHINESE SCIENCE BULLETIN</i> 2013, 58 (17):1980-1991	WOS: 000321061800002
56	<i>The Application of Improved GMDH Network to the Portable X-Ray Fluorescence Analyzer</i>	Ge, LQ (2); Luo, YY (3); Zhang, QX (4); Gu, Y (5)	<i>SPECTROSCOPY AND SPECTRAL ANALYSIS</i> 2013, 33 (6):1711-1713	WOS: 000320012600054
57	<i>Experimental study of infrasonic signal generation during rock fracture under uniaxial compression</i>	Zhou, JB (3);	<i>INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES</i> 2013, 60:37-46	WOS: 000317802000005
58	<i>Ab Initio Molecular Dynamics Study of the Reaction of U+ and U2+ with H2O in the Gas Phase: Direct Classical Trajectory Calculations</i>	Tian, XF (3);	<i>JOURNAL OF PHYSICAL CHEMISTRY A</i> 2013, 117(18):3761-3770	WOS: 000318892700006
59	<i>Prompt gamma neutron activation analysis for multi-element measurement with series samples</i>	Yang, JB (1);	<i>LASER PHYSICS LETTERS</i> 2013, 10 (5)	WOS: 000320245900047
60	<i>Research on the Application of Principal Component Analysis and Improved BP Neural Network to the Determination of Fe and Ti Contents in Geological Samples</i>	Ge, LQ (2); Gu, Y (3); Zhang, QX (4);	<i>SPECTROSCOPY AND SPECTRAL ANALYSIS</i> 2013, 33 (5):1392-1396	WOS: 000318833600052
61	<i>STUDY OF RANDOM PARTICLE TRAFFIC ON A MULTI-LATTICE JUNCTION</i>	Liu, MZ (2);	<i>MODERN PHYSICS LETTERS B</i> 2013, 27 (9)	WOS: 000316904500008
62	<i>First principle study of the behavior of helium in plutonium dioxide</i>	Tian, XF (1); Lu, CH (3);	<i>EUROPEAN PHYSICAL JOURNAL B</i> 2013, 86 (4)	WOS: 000318408100064
63	<i>Theoretical Calculation and Simulation Research on</i>	Yang, Q (1); Ge, LQ	<i>SPECTROSCOPY AND SPECTRAL ANALYSIS</i>	WOS: 000317634400057

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	<i>Micro X-Ray Tube Target Thickness and Spectra</i>	(2); Gu, Y (3); Luo, YY (5)	2013, 33(4):1130-1134	
64	<i>Phase Equilibrium of Ternary System Cd²⁺, K⁺//Cl⁻-H₂O at 298 K</i>	Huang, Y (1);	ASIAN JOURNAL OF CHEMISTRY 2013, 25(2):682-684	WOS: 000312621300020
65	<i>An XPS study on the valence states of arsenic in arsenian pyrite: Implications for Au deposition mechanism of the Yang-shan Carlin-type gold deposit, western Qinling belt</i>	Liang, JL (1); Sun, WD	JOURNAL OF ASIAN EARTH SCIENCES 2013, 62(SI):363-372	WOS: 000315076500027
66	<i>The Speciation Characteristics of Heavy Metals and Composition of Sediments in Lanjian Mine of Panzhihua</i>	Xu, ZQ (1); Zhang, CJ (3)	ENVIRONMENTAL PROTECTION AND RESOURCES EXPLOITATION, PTS 1-3 2013, 807-809:32-39	WOS: 000336344000007
67	<i>Application of gamma spectra measurement in the research of lake sediment and palaeoenvironment</i>	Xu, ZQ (1); Zhang, CJ (3)	ENVIRONMENTAL PROTECTION AND RESOURCES EXPLOITATION, PTS 1-3 2013, 807-809:1676-1681	WOS: 000336344000319
68	<i>Design of Long-Distance and High-Accuracy Rail Subgrade Deformation Monitoring System Based on Zigbee Wireless Network</i>	Zeng, GQ (2); Ge, LQ (3);	SENSORS, MEASUREMENT AND INTELLIGENT MATERIALS, PTS 1-4 2013, 303-306:676-684	WOS: 000320625500137
69	<i>Study on Security Problems of the Internet of Things</i>	Ge, LQ (2);	SENSORS, MEASUREMENT AND INTELLIGENT MATERIALS, PTS 1-4 2013, 303-306:2425-2428	WOS: 000320625501193
70	<i>Application of Scenario Analysis and Multiagent Technique in Land-Use Planning: A Case Study on Sanjiang Wetlands</i>	Ni, SJ (2); Zhang, CJ (5);	SCIENTIFIC WORLD JOURNAL 2013	WOS: 000320246500001
71	<i>Statistical distribution based detector response function of a Si (PIN) detector for K-alpha and K-beta X-ray</i>	Yang, JB (3); Liu, MZ (4);	CHINESE PHYSICS C 2013, 37(1)	WOS: 000314891200025
72	<i>Monte-Carlo simulation of</i>	Yang, JB	NUCLEAR SCIENCE AND TECHNIQUES	WOS:

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	<i>cement neutron field distribution characteristics in PGNA</i>	(1);	<i>2012, 23(6):337-343</i>	00032704800004
73	<i>Remagnetization effects due to lateral displacement above a PMG on bulk HTS magnet</i>	Ren, JF (5);	<i>CRYOGENICS</i> <i>2012, 52(SI):793-799</i>	WOS: 000314387900028
74	<i>A Cellular Automaton Model for Heterogeneous and Inconsistent Driver Behavior in Urban Traffic</i>	Liu, MZ (1);	<i>COMMUNICATIONS IN THEORETICAL PHYSICS</i> <i>2012, 58(5):744-748</i>	WOS: 000310919600020
75	<i>Methods of Detector Response Function Establishment in X-Ray Fluorescence Spectra Analysis</i>	Yang, JB (3); Liu, MZ (4);	<i>SPECTROSCOPY AND SPECTRAL ANALYSIS</i> <i>2012, 32(11):3112-3116</i>	WOS: 000311266000049
76	<i>Towards an online energy dispersive X-ray fluorescence analytical system for iron ore grade evaluation</i>	Liu, MZ (3); Yang, JB (4);	<i>NUCLEAR SCIENCE AND TECHNIQUES</i> <i>2012, 23(5):289-294</i>	WOS: 000314013200007
77	<i>Local inhomogeneity in totally asymmetric simple exclusion processes with different hopping rates</i>	Liu, MZ (5)	<i>JOURNAL OF CENTRAL SOUTH UNIVERSITY</i> <i>2012, 19(10):3012-3016</i>	WOS: 000309585800042
78	<i>A DFT Study on Properties of Geometries and UV-Vis Spectra of Hydrated and Non-hydrated Uranyl Halides (F, Cl, Br) in Aqueous Phase</i>	Lu, CH (3);	<i>CHINESE JOURNAL OF INORGANIC CHEMISTRY</i> <i>2012, 28(7):1324-1332</i>	WOS: 000306824800004
79	<i>Determination and speciation of mercury in environmental and biological samples by analytical atomic spectrometry</i>	Gao, Y (1); Shi, ZM (2);	<i>MICROCHEMICAL JOURNAL</i> <i>2012, 103:1-14</i>	WOS: 000304025200001
80	<i>Study of time-domain digital pulse shaping algorithms for nuclear signals</i>	Zhou, JB (1);	<i>NUCLEAR SCIENCE AND TECHNIQUES</i> <i>2012, 23(3):150-155</i>	WOS: 000307905000005
81	<i>Determination of Mercury in Alcoholic Drinks by ICP-MS</i>	Gao, Y (1); Shi, ZM (3);	<i>ATOMIC SPECTROSCOPY</i> <i>2012, 33(3):73-77</i>	WOS: 000306720800001

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	<i>After Matrix-Assisted Photochemical Vapor Generation</i>			
82	<i>Research on the Application of Improved M-P Neural Network to the Determination of Lead and Zinc Ore Element Contents by Energy Disperse X-Ray Fluorescence Analysis</i>	Ge, LQ (2); Zhang, QX (3); Gu, Y (4);	<i>SPECTROSCOPY AND SPECTRAL ANALYSIS</i> 2012, 32 (5) :1410-1412	WOS: 000303900100059
83	<i>Electronic Structures of Uranyl(VI) Carbonate Complexes in the Aqueous Phase</i>	Lu, CH (2);	<i>ACTA PHYSICO-CHIMICA SINICA</i> 2012, 28 (4) :792-798	WOS: 000302764400008
84	<i>SINGLE ON-RAMP IN ASYMMETRIC SIMPLE EXCLUSION PROCESSES</i>	Liu, MZ (2);	<i>MODERN PHYSICS LETTERS B</i> 2012, 26 (6)	WOS: 000300431200005
85	<i>Background estimation based on Fourier Transform in the energy-dispersive X-ray fluorescence analysis</i>	Zhang, QX (1); Ge, LQ (2); Gu, Y (3); Lin, YC (4); Zeng, GQ (5); Yang, J (6)	<i>X-RAY SPECTROMETRY</i> 2012, 41 (2) :75-79	WOS: 000300688100005
86	<i>Theoretical investigation of total-asymmetric simple exclusion processes with attachment and detachment</i>	Liu, MZ (2);	<i>CHINESE PHYSICS B</i> 2012, 21 (2)	WOS: 000300636700027
87	<i>Asymmetric exclusion process for modeling of information flow</i>	Liu, MZ (1); Yang, JB (4);	<i>COMPUTER PHYSICS COMMUNICATIONS</i> 2012, 183 (2) :316-319	WOS: 000298531400012
88	<i>Determination of Mercury Species by High Performance Liquid Chromatography On-line Coupled with Inductively Coupled Plasma-Mass Spectrometry Based on UV-induced Chemical Vapor Generation Interface</i>	Xu, JY (1); Ni, SJ (5)	<i>CHINESE JOURNAL OF ANALYTICAL CHEMISTRY</i> 2012, 40 (1) :169-172	WOS: 000312609200021
89	<i>Cellular Automaton Modeling Driver Behavior at a</i>	Liu, MZ (2); Yang, JB	<i>MECHANICAL ENGINEERING AND INTELLIGENT SYSTEMS, PTS 1 AND 2</i>	WOS: 000312421800183

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	<i>Single-lane Roundabout</i>	(3);	<i>2012, 195-196:1035-1038</i>	
90	<i>A New Algorithm for Spectral Drift Calculation in a Gamma-ray Spectrometer</i>	Ge, LQ (2);	<i>SUSTAINABLE CONSTRUCTION MATERIALS AND COMPUTER ENGINEERING</i> <i>2012, 346:705-710</i>	WOS: <i>000309496200109</i>
91	<i>The Software Design of Energy Spectral Data Communication Based on ARM920T-WinCE5.0</i>	Fang, F (2);	<i>2011 INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND NETWORK TECHNOLOGY (ICCSNT), VOLS 1-4,</i> <i>2012:1896-1900</i>	WOS: <i>000304720100434</i>
92	<i>Adsorption Properties of CO Molecules on Pt/t-ZrO₂(101) Surfaces</i>	Lu, CH (2);	<i>ACTA PHYSICO-CHIMICA SINICA</i> <i>2012, 28(1):51-57</i>	WOS: <i>000299721900006</i>
93	<i>ASYMMETRIC EXCLUSION PROCESS WITH CONSTRAINED HOPPING AND PARALLEL DYNAMICS AT A JUNCTION</i>	Liu, MZ (1); Yang, JB (4)	<i>MODERN PHYSICS LETTERS B</i> <i>2011, 25(25):2011-2020</i>	WOS: <i>000294312000004</i>
94	<i>Alloy nanoparticle plasmon resonance for enhancing broadband antireflection of laser-textured silicon surfaces</i>	Yang, LY (1);	<i>OPTICS EXPRESS</i> <i>2011, 19(14):A657-A663</i>	WOS: <i>000292876500003</i>
95	<i>Measuring energy loss of alpha particles in different vacuum conditions</i>	Yang, JB (5);	<i>NUCLEAR SCIENCE AND TECHNIQUES</i> <i>2011, 22(3):151-155</i>	WOS: <i>000292674300005</i>
96	<i>Effect of unequal injection rates on asymmetric exclusion processes with junction</i>	Liu, MZ (2);	<i>CHINESE PHYSICS B</i> <i>2011, 20(6)</i>	WOS: <i>000291388800020</i>
97	<i>Gamma-Ray Spectrum Analysis of Chang'E-1 for Lunar Detection</i>	Fang, F (2); Ni, SJ (3);	<i>JOURNAL OF ENGINEERING FOR GAS TURBINES AND POWER-TRANSACTIONS OF THE ASME</i> <i>2011, 133(5)</i>	WOS: <i>000285767000012</i>
98	<i>Transformation of oil pools into gas pools as results of multiple tectonic events in Upper Sinian (Upper Neoproterozoic), deep part of Sichuan Basin, China</i>	Zhang, CJ (7);	<i>ENERGY EXPLORATION & EXPLOITATION</i> <i>2011, 29(6):679-698</i>	WOS: <i>000299392400001</i>
99	<i>STUDY AND DESIGN OF MONITORING SYSTEM OF REACTOR COOLANT PUMP IN NUCLEAR POWER PLANT</i>	Fang, F (5)	<i>PROCEEDINGS OF THE 18TH INTERNATIONAL CONFERENCE ON NUCLEAR ENGINEERING</i> <i>2011:651-657</i>	WOS: <i>000319843100096</i>

序号	题名	作者	期刊名称	SCI 检索号
100	<i>DEVELOPMENT OF PERSONAL DOSIMETER BASED ON NEW MEASUREMENT METHOD</i>	<i>Wang, M (1); Fang, F (2);</i>	<i>PROCEEDINGS OF THE 18TH INTERNATIONAL CONFERENCE ON NUCLEAR ENGINEERING 2011: 229-233</i>	<i>WOS: 000320008500036</i>
101	<i>Interval Q inversion based on zero-offset VSP data and applications</i>	<i>Zhang, GL (1);</i>	<i>APPLIED GEOPHYSICS, 2014 (11), 2: 235-244</i>	<i>WOS: 000339307200013</i>
102	<i>The Deep Geophysical Structure of the Middle Section of the Longmen Mountains Tectonic Belt and its Relation to the Wenchuan Earthquake</i>	<i>Wang, XB (2)</i>	<i>ACTA GEOLOGICA SINICA-ENGLISH EDITION, 2014, 88 (2) :483-497</i>	<i>WOS: 000335451300008</i>
103	<i>Research of the CSAMT exploration mode and experiment for the coalbed methane enrichment region in the north Qinshui basin</i>	<i>Wang, XB (1)</i>	<i>CHINESE JOURNAL OF GEOPHYSICS-CHINESE EDITION, 2013, 56 (12) :4310-4323</i>	<i>WOS: 000329378600033</i>
104	<i>Detection of gas and water using HHT by analyzing P- and S-wave attenuation in tight sandstone gas reservoirs</i>	<i>Xue, YJ; Cao, JX</i>	<i>JOURNAL OF APPLIED GEOPHYSICS, 2013, 98:134-143</i>	<i>WOS: 000327362500014</i>
105	<i>Electrical resistivity structure of Longmenshan crust-mantle under sector boundary</i>	<i>Wang, XB; Luo, W</i>	<i>CHINESE JOURNAL OF GEOPHYSICS-CHINESE EDITION, 2013, 56 (8) :2718-2727</i>	<i>WOS: 000323854200020</i>
106	<i>Numerical modeling of the 2D time-domain transient electromagnetic secondary field of the line source of the current excitation</i>	<i>Liu, Y ; Wang, XB</i>	<i>APPLIED GEOPHYSICS, 2013, 10 (2) :134-144</i>	<i>WOS: 000321222200002</i>
107	<i>Fluid migration paths in the marine strata of typical structures in the western Hubei-eastern Chongqing area, China</i>	<i>Xu, GS ; Liang, JJ ; Gong, DY ; Wang, GZ; Yuan, HF ; Cao, JX</i>	<i>PETROLEUM SCIENCE, 2013, 10 (1) :1-18</i>	<i>WOS: 000314707800001</i>
108	<i>A comparative study on hydrocarbon detection using three EMD-based time-frequency analysis</i>	<i>Cao, JX (2)</i>	<i>JOURNAL OF APPLIED GEOPHYSICS, 2013, 89:108-115</i>	<i>WOS: 000315541100010</i>

序号	题名	作者	期刊名称	SCI 检索号
	<i>methods</i>			
109	<i>Applications of integrated geophysical method in archaeological surveys of the ancient Shu ruins</i>	Wang, XB(4)	<i>JOURNAL OF ARCHAEOLOGICAL SCIENCE, 2013, 40(1):166-175</i>	WOS: 000311873000018
110	<i>New improved formulas for calculating gravity anomalies based on a cylinder model</i>	Wang, XB(4)	<i>JOURNAL OF APPLIED GEOPHYSICS, 2013, 86:36-43</i>	WOS: 000310107100005
111	<i>Rock skeleton models and seismic porosity inversion</i>	Wang, XB(3)	<i>APPLIED GEOPHYSICS, 2012, 9(3):349-358</i>	WOS: 000309343900014
112	<i>The FEM for modeling 2-D MT with continuous variation of electric parameters within each block</i>	Wang, XB(2)	<i>CHINESE JOURNAL OF GEOPHYSICS-CHINESE EDITION, 2012, 55(6):2079-2086</i>	WOS: 000306159400029
113	<i>Geochemical characteristics and diagenetic systems of dolomite reservoirs of the Changxing Formation in the eastern Sichuan Basin, China</i>	Wang, XB(3)	<i>PETROLEUM SCIENCE, 2012, 9(2):141-153</i>	WOS: 000304741800003
114	<i>P-wave attenuation and dispersion in a porous medium permeated by aligned fractures—a new poroelastic approach</i>	Wang, XB(5)	<i>JOURNAL OF GEOPHYSICS AND ENGINEERING, 2012, 9(2):115-126</i>	WOS: 000302142200001
115	<i>Application of Karst Exploration Technology Based on AMT in the Design of Drilling</i>	Wang, XB(2)	<i>NEAR-SURFACE GEOPHYSICS AND ENVIRONMENT PROTECTION 页: 471-475 出版年: 2012</i>	WOS: 000324782800086
116	<i>Modeling of the UWB GPR for Reinforced Concrete Quality Inspection</i>	Wang, XB(2)	<i>SUSTAINABLE CITIES DEVELOPMENT AND ENVIRONMENT, PTS 1-3 丛书: Applied Mechanics and Materials, 2012, 209-211:1345-1349</i>	WOS: 000319231000261
117	<i>Seismic prediction of carbonate reservoirs in the deep of Longmenshan foreland basin</i>	Cao, JX(1)	<i>ACTA PETROLOGICA SINICA, 2011, 27(8):2423-2434</i>	WOS: 000295657100019
118	<i>Research on 1D inversion method of fix-wing airborne transient electromagnetic</i>	Wang, XB(2)	<i>CHINESE JOURNAL OF GEOPHYSICS-CHINESE EDITION, 2011, 54(8):2136-2147</i>	WOS: 000294516600021

序号	题名	作者	期刊名称	SCI 检索号
	<i>record with flight altitude inversion simultaneously</i>			