



经检索“Engineering Village 2”，以下论文被《Ei Compendex》收录。（检索时间 2013 年 11 月 19 日）。

<RECORD 1>

Accession number:20134416935836

Title:Enhancement of the sensitivity of magneto-optical fiber sensor by magnifying the birefringence of magnetic fluid film with Lomt-Sagnac interferometer

Authors:Zu, Peng (1); Chan, Chi Chiu (1); Koh, Guo Wei (1); Lew, Wen Siang (2); Jin, Yongxing (3); Liew, Hwi Fen (2); Wong, Wei Chang (1); Dong, Xinyong (3)

Author affiliation:(1) School of Chemical and Biomedical Engineering, Nanyang Technological University, 637457, Singapore, Singapore; (2) School of Physical and Mathematical Sciences, Nanyang Technological University, 637371, Singapore, Singapore; (3) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China

Corresponding author:Chan, C.C.(eccchan@ntu.edu.sg)

Source title:Sensors and Actuators, B: Chemical

Abbreviated source title:Sens Actuators, B Chem

Volume:191

Issue date:2014

Publication year:2014

Pages:19-23

Language:English

ISSN:09254005

CODEN:SABCEB

Document type:Journal article (JA)

Publisher:Elsevier, P.O. Box 211, Amsterdam, 1000 AE, Netherlands

Number of references:23

Main heading:Magnetic fluids

Controlled terms:Birefringence - Fiber optic sensors - Magnetic sensors - Magnetometers - Optical fibers

Uncontrolled terms:Birefringence effects - Fiber Sensor - Magnetic field sensors - Magnetic fluid films - Magneto-optical - Optical fiber sensor - Orders of magnitude - Sagnac interferometer

Classification code:708.4 Magnetic Materials - 741.1 Light/Optics - 741.1.2 Fiber Optics - 942.3 Magnetic Instruments

DOI:10.1016/j.snb.2013.09.085

Database:Compendex

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<RECORD 2>

Accession number:20134516942269

Title:Checking strong optimality of interval linear programming with inequality constraints and nonnegative constraints

Authors:Luo, Jiajia (1); Li, Wei (1); Wang, Qin (2)

Author affiliation:(1) School of Science, Hangzhou Dianzi University, Hangzhou, 310018, China; (2) College of Science, China Jiliang University, 310018, China

Corresponding author:Li, W.(weilih@126.com)

Source title:Journal of Computational and Applied Mathematics

Abbreviated source title:J. Comput. Appl. Math.

Volume:260

Issue date:2014

Publication year:2014

Pages:180-190

Language:English

ISSN:03770427

Document type:Journal article (JA)

Publisher:Elsevier, P.O. Box 211, Amsterdam, 1000 AE, Netherlands

Number of references:28

Main heading:Linear programming

Controlled terms:Constraint theory - Optimal systems - Optimization

Uncontrolled terms:Feasible solution - Inequality constraint - Interval linear programming - Non negatives - Optimal solutions - Optimality - Tangent cone - Unified framework

Classification code:921.5 Optimization Techniques - 961 Systems Science

DOI:10.1016/j.cam.2013.09.075

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 3>

Accession number:20134416912142

Title:Electromagnetic compatibility of metallic enclosure of EV battery management system based on FEM

Authors:Wang, Chang-Qun (1); Sun, Xue-Ming (2); Cai, Chun (2); Lu, Fan-Shui (2); Ye, Qiang (1); Li, Jian-Hua (2); Wu, Li (2)

Author affiliation:(1) College of Information and Engineering, China Jiliang University, Hangzhou, Zhejiang 310018, China; (2) Shenzhen Academy of Metrology and Quality Inspection, Shenzhen, Guangdong 518055, China

Corresponding author:Sun, X.-M.(sunxueming@smq.com.cn)

Source title:Lecture Notes in Electrical Engineering

Abbreviated source title:Lect. Notes Electr. Eng.

Volume:238 LNEE

Monograph title:Unifying Electrical Engineering and Electronics Engineering - Proceedings of the 2012 International Conference on Electrical and Electronics Engineering

Issue date:2014

Publication year:2014

Pages:963-971

Language:English

ISSN:18761100

E-ISSN:18761119

ISBN-13:9781461449805

Document type:Conference article (CA)

Conference name:2012 International Conference on Electrical and Electronics Engineering, ICEE 2012

Conference date:August 18, 2012 - August 19, 2012

Conference location:Shanghai, China

Conference code:100238

Publisher:Springer Verlag, Tiergartenstrasse 17, Heidelberg, D-69121, Germany

Number of references:8

Main heading:Enclosures

Controlled terms:Electric equipment - Electrical engineering - Electromagnetic compatibility - Electromagnetic shielding - Electronics engineering - Magnetic shielding - Management - Natural frequencies

Uncontrolled terms:Electromagnetic leakage - Electromagnetic shielding effectiveness - Equipment enclosures - Management systems - Metallic enclosure - Numerical simulation analysis - Shielding effectiveness - Shielding performance

Classification code:914 Safety Engineering - 912.2 Management - 718 Telephone Systems and Related Technologies; Line Communications - 717 Optical Communication - 716 Telecommunication; Radar, Radio and Television - 715 Electronic Equipment, General Purpose and Industrial - 714 Electronic Components and Tubes - 713 Electronic Circuits - 711.1 Electromagnetic Waves in Different Media - 711 Electromagnetic Waves - 709 Electrical Engineering, General - 706 Electric Transmission and Distribution - 704.2 Electric Equipment

DOI:10.1007/978-1-4614-4981-2-104

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 4>

Accession number:20134416934778

Title:A generalized lumped element modeling of electrically and magnetically dual-tunable coupled microstrip filters

Authors:Zhou, Hao-Miao (1); Zhu, Feng-Jie (1)

Author affiliation:(1) College of Information Engineering, China Jiliang University, Hangzhou 310018, China; (2) Institute of Applied Mechanics, School of Aeronautics and Astronautics, Zhejiang University, Hangzhou 310027, China

Corresponding author:Zhou, H.-M.(zhouhm@cjlu.edu.cn)

Source title:Journal of Applied Physics

Abbreviated source title:J Appl Phys

Volume:114

Issue:15

Issue date:October 21, 2013

Publication year:2013

Article number:153904

Language:English

ISSN:00218979

CODEN:JAPIAU

Document type:Journal article (JA)

Publisher:American Institute of Physics, 2 Huntington Quadrangle, Suite N101, Melville, NY 11747-4502, United States

Number of references:33

Main heading:Microstrip filters

Controlled terms:Bandpass filters - Electric fields - Microwave filters

Uncontrolled terms:Coupling factor - Electromagnetic simulation - Filter performance - Input/output - Layered Structures - Lumped element model - Microstripes - Tunabilities

Classification code:701.1 Electricity: Basic Concepts and Phenomena - 703.2 Electric Filters - 708.1 Dielectric Materials

DOI:10.1063/1.4825314

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 5>

Accession number:20134416918174

Title:Facile synthesis of graphene nanosheets and their anode electrochemical performances in lithium ion batteries

Authors:Ge, Qi Sheng (1); Wang, Dong Fang (1); Ping, Guang Xing (1); Chen, Da (1); Fan, Mei Qiang (1); Qin, Lai Shun (1); Lv, Chun Jv (1); Shu, Kang Ying (1)

Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China

Source title:Advanced Materials Research

Abbreviated source title:Adv. Mater. Res.

Volume:800

Monograph title:Recent Development on Material Science and Environmental Material

Issue date:2013

Publication year:2013

Pages:522-525

Language:English

ISSN:10226680

ISBN-13:9783037858509

Document type:Conference article (CA)

Conference name:2013 International Conference on Application of Materials Science and Environmental Materials, AMSEM 2013

Conference date:July 5, 2013 - July 7, 2013

Conference location:Zhangjia Jie, China

Conference code:100413

Sponsor:Advanced Science and Technology Research Center (ASTRC); Trans tech publications inc.
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:14
Main heading:Graphene
Controlled terms:Anodes - Lithium batteries - Materials science - Nanosheets
Uncontrolled terms:Electrochemical measurements - Electrochemical performance - Facile synthesis - Graphene nanosheets - Initial discharge capacities - Lithium-ion battery - Thermal pyrolysis - Two dimensional (2D) structure
Classification code:549.1 Alkali Metals - 761 Nanotechnology - 802.1 Chemical Plants and Equipment - 804 Chemical Products Generally - 933 Solid State Physics - 951 Materials Science
DOI:10.4028/www.scientific.net/AMR.800.522
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 6>

Accession number:20134416940594
Title:Low-temperature combustion synthesis and luminescent properties of SrMgAl₁₀O₁₇:Eu²⁺, Er³⁺ high brightness blue phosphors
Authors:Liu, Dan (1); Liang, Pei (1); Wang, Le (1); Xu, Guo-Tang (1); Liu, Yang (1); Li, Xiao-Yan (1); Dong, Qian-Min (1); Huang, Jie (1)
Author affiliation:(1) College of Optics and Electronic Science and Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Liang, P.(plianghust@gmail.com)
Source title:Wuli Xuebao/Acta Physica Sinica
Abbreviated source title:Wuli Xuebao
Volume:62
Issue:19
Issue date:2013
Publication year:2013
Article number:197802
Language:Chinese
ISSN:10003290
CODEN:WLHPAR
Document type:Journal article (JA)
Publisher:Institute of Physics, Chinese Academy of Sciences, P.O. Box 603, Beijing, 100190, China
Number of references:21
Main heading:Combustion synthesis
Controlled terms:Emission spectroscopy - Energy transfer - Erbium - Light emission - Phosphors - Photoluminescence - Scanning electron microscopy - Temperature - X ray diffraction
Uncontrolled terms:Blue phosphors - Combustion synthesis method - Emission spectrums - Low-temperature combustion - Luminescent property - Photoluminescence spectrum - Sensitization effect - SrMgAl₁₀O₁₇
Classification code:547.2 Rare Earth Metals - 641.1 Thermodynamics - 641.2 Heat Transfer - 642.1 Process Heating - 741.1 Light/Optics - 931.3 Atomic and Molecular Physics
DOI:10.7498/aps.62.197802
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 7>

Accession number:20134416914878
Title:Development of a rapid direct competitive ELISA kit for detection of enrofloxacin
Authors:Zou, Xiaonan (1); Gong, Yunfei (1); Xi, Xi (1); Li, Mujie (1); Zhang, Xiaofeng (2); Zhang, Mingzhou (1)
Author affiliation:(1) College of Life Science, China Jiliang University, Zhejiang Provincial Key Laboratory of Bio-Metrology, Inspection and Quarantine, Hangzhou 310018, China; (2) Technical Center of Zhejiang Entry-Exit Inspection and Quarantine Bureau, Hangzhou 310012, China

Corresponding author:Zhang, M.
Source title:Journal of Chinese Institute of Food Science and Technology
Abbreviated source title:J. Chin. Inst. Food Sci. Technol.
Volume:13
Issue:8
Issue date:2013
Publication year:2013
Pages:190-199
Language:Chinese
ISSN:10097848
Document type:Journal article (JA)
Publisher:Chinese Institute of Food Science and Technology, 3 Floor, Qingyuan Mansion, No. 6 Beisan Street,, Fucheng Road, Haidian District, Beijing, 100048, China
Number of references:22
Main heading:Meats
Controlled terms:Animals - Antibodies
Uncontrolled terms:Animal foods - Concentration ranges - Correlation coefficient - Direct competitive elisa - ELISA kit - Enrofloxacin - Polyclonal antibody - Regression equation
Classification code:822.3 Food Products - 822 Food Technology - 821 Agricultural Equipment and Methods; Vegetation and Pest Control - 814 Leather and Tanning - 471 Marine Science and Oceanography - 461.9.1 Immunology - 461 Bioengineering and Biology
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 8>

Accession number:20134416938134
Title:The partial inverse minimum connected spanning subgraph problem with given cyclomatic number
Authors:Ding, Zhe Heng (1); Zhu, Fang (1); Wang, Qin (1)
Author affiliation:(1) Department of Mathematics, China Jiliang University, Hangzhou 310018, China
Corresponding author:Wang, Q.(wq@cjlu.edu.cn)
Source title:Advanced Materials Research
Abbreviated source title:Adv. Mater. Res.
Volume:760-762
Monograph title:Optoelectronics Engineering and Information Technologies in Industry
Issue date:2013
Publication year:2013
Pages:2114-2118
Language:English
ISSN:10226680
ISBN-13:9783037857731
Document type:Conference article (CA)
Conference name:2nd International Conference on Opto-Electronics Engineering and Materials Research, OEMR 2013
Conference date:October 19, 2013 - October 20, 2013
Conference location:Zhengzhou, Henan, China
Conference code:100390
Sponsor:Computer Science and Electronic Technology; Trans tech publications inc.; National Cheng Kung University
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:6
Main heading:Problem solving
Controlled terms:Algorithms - Electronics engineering - Information technology - Inverse problems - Polynomial approximation
Uncontrolled terms:Connected spanning subgraph problems - Connected Subgraph - Cyclomatic number - Edge weights - Polynomial-time - Spanning tree - Subgraphs
Classification code:921.6 Numerical Methods - 921 Mathematics - 903 Information Science - 718

Telephone Systems and Related Technologies; Line Communications - 717 Optical Communication - 716 Telecommunication; Radar, Radio and Television - 715 Electronic Equipment, General Purpose and Industrial - 714 Electronic Components and Tubes - 713 Electronic Circuits

DOI:10.4028/www.scientific.net/AMR.760-762.2114

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 9>

Accession number:20134416913782

Title:Influence of Y²⁺O³⁻ and nano-AlN powders on the sintering and thermal conductivity of AlN ceramics

Authors:Yang, Qinghua (1); Li, Hongwei (1); Wang, Huanping (1); Ma, Hongping (2); Lei, Ruoshan (1); Xu, Shiqing (1)

Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China; (2) School of Mechanical and Automotive Engineering, Zhejiang University of Science and Technology, Hangzhou 310023, China

Corresponding author:Xu, S.(sxucjlu@hotmail.com)

Source title:Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research

Abbreviated source title:Cailiao Yanjiu Xuebao

Volume:27

Issue:4

Issue date:August 2013

Publication year:2013

Pages:342-348

Language:Chinese

ISSN:10053093

CODEN:CYXUEV

Document type:Journal article (JA)

Publisher:Chinese Journal of Materials Research, 72 Wenhua Road, Shenyang, 110015, China

Number of references:29

Main heading:Thermal conductivity

Controlled terms:Ceramic materials - Microstructure - Powders - Sintering

Uncontrolled terms:AlN - AlN ceramic - Inorganic non-metallic materials - Lower sintering temperatures - Lower temperatures - Second phase - Synergetic action

Classification code:933 Solid State Physics - 812.2 Refractories - 812.1 Ceramics - 951 Materials Science - 804 Chemical Products Generally - 536.1 Powder Metallurgy Operations - 536 Powder Metallurgy - 641.2 Heat Transfer

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 10>

Accession number:20134516945015

Title:Tailoring the luminescence of Europium ions in mesoporous AlPO₄ monolithic glass

Authors:He, Jin (1); Wang, Yan (1); Liu, Yang (1); Wang, Kangpeng (1); Li, Rihong (1); Fan, Jintai (1); Xu, Shiqing (3); Zhang, Long (1)

Author affiliation:(1) Key Laboratory of Materials for High Power Lasers, Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, 201800, Shanghai, China; (2) University of Chinese Academy of Sciences, 100049, Beijing, China; (3) College of Materials Science and Engineering, China Jiliang University, 310018, Hangzhou, Zhejiang, China

Corresponding author:Li, R.(lirihong@siom.ac.cn)

Source title:Journal of Physical Chemistry C

Abbreviated source title:J. Phys. Chem. C

Volume:117

Issue:42

Issue date:2013

Publication year:2013

Pages:21916-21922

Language:English
ISSN:19327447
E-ISSN:19327455
Document type:Journal article (JA)
Publisher:American Chemical Society, 2540 Olentangy River Road, P.O. Box 3337, Columbus, OH 43210-3337, United States
Number of references:32
Main heading:Ions
Controlled terms:Emission spectroscopy - Europium - Glass - Luminescence - Mesoporous materials - Sintering
Uncontrolled terms:Color tunability - Emission spectrums - Excitation wavelength - Hole electron pairs - Mesoporous structures - Oxidation reactions - Sintering atmospheres - Sintering temperatures
Classification code:547.2 Rare Earth Metals - 741.1 Light/Optics - 801 Chemistry - 812.2 Refractories - 812.3 Glass - 931.2 Physical Properties of Gases, Liquids and Solids
DOI:10.1021/jp407125e
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 11>

Accession number:20134516953977
Title:Ultra compact cross-order AWG triplexer based on SU-8 polymer
Authors:Lv, Fei (1); Lang, Tingting (1); Zou, Jun (2); Xia, Xiang (2)
Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, Hangzhou, 310018, China; (2) Centre for Integrated Optoelectronics, State Key Laboratory of Modern Optical Instrumentation, Zhejiang University, Hangzhou, 310027, China
Source title:Proceedings - 2013 12th International Conference on Optical Communications and Networks, ICOCN 2013
Abbreviated source title:Proc. - Int. Conf. Opt. Commun. Networks, ICOCN
Monograph title:Proceedings - 2013 12th International Conference on Optical Communications and Networks, ICOCN 2013
Issue date:2013
Publication year:2013
Article number:6617249
Language:English
ISBN-13:9781479913862
Document type:Conference article (CA)
Conference name:2013 12th International Conference on Optical Communications and Networks, ICOCN 2013
Conference date:July 26, 2013 - July 28, 2013
Conference location:Chengdu, China
Conference code:100541
Sponsor:University of Electronic Science and Technology of China; Southwest Jiaotong University; National Natural Science Foundation of China (NSFC); IEEE Photonics Society-Chengdu chapter
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:8
Main heading:Arrayed waveguide gratings
Controlled terms:Integrated optics - Multiplexing equipment - Optical communication - Photolithography
Uncontrolled terms:cross-order - High index contrast - Polarization dependence - Strip waveguides - SU-8 polymer - TE polarizations - Triplexers - Ultraviolet photolithography
Classification code:714.2 Semiconductor Devices and Integrated Circuits - 716 Telecommunication; Radar, Radio and Television - 717 Optical Communication - 717.1 Optical Communication Systems - 718 Telephone Systems and Related Technologies; Line Communications - 741.3 Optical Devices and Systems
DOI:10.1109/ICOCN.2013.6617249
Database:Compendex

<RECORD 12>

Accession number:20134416920317

Title:Research on financial products and services innovation under the environment of E-commerce

Authors:Wang, Zheng Bo (1); Liu, Jia Peng (1); Meng, Xian Yong (2)

Author affiliation:(1) College of Economics and Management, China Jiliang University, China; (2)

Zhuhai College, Jilin University, China

Source title:Applied Mechanics and Materials

Abbreviated source title:Appl. Mech. Mater.

Volume:411-414

Monograph title:Information Technology Applications in Industry II

Issue date:2013

Publication year:2013

Pages:2301-2305

Language:English

ISSN:16609336

E-ISSN:16627482

ISBN-13:9783037858646

Document type:Conference article (CA)

Conference name:2nd International Conference on Information Technology and Management

Innovation, ICITMI 2013

Conference date:July 23, 2013 - July 24, 2013

Conference location:Zhuhai, China

Conference code:100435

Sponsor:Queensland University of Technology; Korea Maritime University; Hong Kong Industrial Technology Research Centre; Inha University; National Chengchi University; et al

Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland

Number of references:10

Main heading:Finance

Controlled terms:Electronic commerce - Information technology - Innovation

Uncontrolled terms:Financial innovation - Financial managements - Financial products - Financial resources - Financial security - Financial services industries - Flexible applications - Networked management

Classification code:903 Information Science - 911.1 Cost Accounting - 911.2 Industrial Economics - 912 Industrial Engineering and Management

DOI:10.4028/www.scientific.net/AMM.411-414.2301

Database:Compendex

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<RECORD 13>

Accession number:20134416909652

Title:Spontaneous formation of hierarchical wrinkles in Cr films deposited on silicone oil drops with constrained edges

Authors:Yu, Sen-Jiang (1); Zhang, Yong-Ju (3); Zhou, Hong (2); Chen, Miao-Gen (2); Zhang, Xiao-Fei (2); Jiao, Zhi-Wei (2); Si, Ping-Zhan (2)

Author affiliation:(1) Shanghai Key Laboratory of Special Artificial Microstructure Materials and Technology, Physics Department, Tongji University, Shanghai 200092, China; (2) Department of Physics, China Jiliang University, Hangzhou 310018, China; (3) Department of Physics, Taizhou University, Linhai 317000, China

Corresponding author:Yu, S.-J.(sjyu@cjlu.edu.cn)

Source title:Physical Review E - Statistical, Nonlinear, and Soft Matter Physics

Abbreviated source title:Phys. Rev. E Stat. Nonlinear Soft Matter Phys.

Volume:88

Issue:4

Issue date:October 8, 2013

Publication year:2013

Article number:042401
Language:English
ISSN:15393755
E-ISSN:15502376
CODEN:PLEEE8
Document type:Journal article (JA)
Publisher:American Physical Society, One Physics Ellipse, College Park, MD 20740-3844, United States
Number of references:35
Main heading:Drops
Controlled terms:Film thickness - Silicones - Skin
Uncontrolled terms:Elastic layers - Formation and evolutions - Glass surfaces - Hierarchical wrinkles - Hierarchical wrinkling - Spontaneous formation - Wrinkle amplitudes - Wrinkling patterns
Classification code:423 Non Mechanical Properties and Tests of Building Materials - 443.1 Atmospheric Properties - 461.2 Biological Materials and Tissue Engineering - 816 Plastics and Other Polymers: Processing and Machinery - 817 Plastics and Other Polymers: Products and Applications - 943 Mechanical and Miscellaneous Measuring Instruments
DOI:10.1103/PhysRevE.88.042401
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 14>

Accession number:20134416927666
Title:Research of weak AC current accuracy measurement based on ADE7816
Authors:Hu, Shuo (1); Yang, Qi Hua (1); Liu, Gang Hai (1)
Author affiliation:(1) College of Quality and Safety Engineering, China Jiliang University, Hangzhou, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:427-429
Monograph title:Mechanical Engineering, Industrial Electronics and Information Technology Applications in Industry
Issue date:2013
Publication year:2013
Pages:1032-1035
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783037858905
Document type:Conference article (CA)
Conference name:2nd International Conference on Mechanical Engineering, Industrial Electronics and Informatization, MEIEI 2013
Conference date:September 14, 2013 - September 15, 2013
Conference location:Chongqing, China
Conference code:100386
Sponsor:Chongqing University of Science and Technology; Computer Science and Electronic Technology International Society; Atlantis press; Chongqing Normal University; Chongqing University of Technology; et al
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:6
Main heading:Industrial electronics
Controlled terms:Electric transformers - Error analysis - Inductance - Information technology - Mechanical engineering - Systems analysis
Uncontrolled terms:Accuracy measurements - Accurate measurement - ADE7816 - Average relative error - Current signal - External environments - Mutual inductance - Weak currents
Classification code:961 Systems Science - 921.6 Numerical Methods - 903 Information Science - 716 Telecommunication; Radar, Radio and Television - 715 Electronic Equipment, General Purpose and

Industrial - 714 Electronic Components and Tubes - 704 Electric Components and Equipment - 701.1
Electricity: Basic Concepts and Phenomena - 608 Mechanical Engineering, General
DOI:10.4028/www.scientific.net/AMM.427-429.1032
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 15>

Accession number:20134416914879
Title:Research of a loop-mediated isothermal amplification assay for detection of Shigella bacteria
Authors:Liu, Guangfu (1); Guan, Rongfa (1); Liu, Mingqi (1)
Author affiliation:(1) College of Life Sciences of China Jiliang University, Hangzhou 310018, China
Corresponding author:Liu, G.
Source title:Journal of Chinese Institute of Food Science and Technology
Abbreviated source title:J. Chin. Inst. Food Sci. Technol.
Volume:13
Issue:8
Issue date:2013
Publication year:2013
Pages:200-206
Language:Chinese
ISSN:10097848
Document type:Journal article (JA)
Publisher:Chinese Institute of Food Science and Technology, 3 Floor, Qingyuan Mansion, No. 6
Beisan Street,, Fucheng Road, Haidian District, Beijing, 100048, China
Number of references:11
Main heading:Polymerase chain reaction
Controlled terms:Bacteria - Electric lamps - Error detection - Genes - Isotherms
Uncontrolled terms:Infant formula - Loop-mediated isothermal amplifications - Real-time PCR -
Real-time PCR assay - Real-time quantitative PCR - Sensitive detection - Sensitivity and specificity -
Specific primers
Classification code:461.2 Biological Materials and Tissue Engineering - 707.2 Electric Lamps - 721.1
Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming
Theory - 801.2 Biochemistry - 801.4 Physical Chemistry
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 16>

Accession number:20134516955067
Title:Study on PV MPPT method based on power forecasts and voltage compensation
Authors:Xu, Hongwei (1); Zhang, Libin (1); Xu, Fang (1); Zhang, Ren (1); Hu, Keyong (1)
Author affiliation:(1) Key Laboratory of E and M (Zhejiang University of Technology), Ministry of
Education and Zhejiang Province, Zhejiang University of Technology, Hangzhou 310032, China; (2)
College of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou 310018,
China
Corresponding author:Zhang, L.(lbz@zjut.edu.cn)
Source title:Taiyangneng Xuebao/Acta Energetica Solaris Sinica
Abbreviated source title:Taiyangneng Xuebao
Volume:34
Issue:9
Issue date:September 2013
Publication year:2013
Pages:1599-1605
Language:Chinese
ISSN:02540096
CODEN:TYNPDG
Document type:Journal article (JA)
Publisher:Science Press, 18,Shuangqing Street,Haidian, Beijing, 100085, China

Number of references:10
Main heading:Photoelectrochemical cells
Controlled terms:Photovoltaic cells
Uncontrolled terms:Control voltages - External environments - Light intensity - Maximum output power - Maximum Power Point Tracking - Observation method - Power predictions - Voltage compensation
Classification code:741.3 Optical Devices and Systems
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 17>

Accession number:20134416927597
Title:A switched-capacitor AC-AC converter for 220V/55V and 55V/220V applications
Authors:Wang, Zhong Ge (1); Wang, Wei (1); Hui, Cai (1)
Author affiliation:(1) College of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou 310018, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:427-429
Monograph title:Mechanical Engineering, Industrial Electronics and Information Technology Applications in Industry
Issue date:2013
Publication year:2013
Pages:730-733
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783037858905
Document type:Conference article (CA)
Conference name:2nd International Conference on Mechanical Engineering, Industrial Electronics and Informatization, MEIEI 2013
Conference date:September 14, 2013 - September 15, 2013
Conference location:Chongqing, China
Conference code:100386
Sponsor:Chongqing University of Science and Technology; Computer Science and Electronic Technology International Society; Atlantis press; Chongqing Normal University; Chongqing University of Technology; et al
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:7
Main heading:Capacitors
Controlled terms:Electric network topology - Industrial electronics - Information technology - Mechanical engineering
Uncontrolled terms:AC-AC converters - Equivalent circuit model - High-side voltage - Step up/step downs - Switched capacitor - Switched capacitor converter
Classification code:903 Information Science - 716 Telecommunication; Radar, Radio and Television - 715 Electronic Equipment, General Purpose and Industrial - 714 Electronic Components and Tubes - 704.1 Electric Components - 703.1 Electric Networks - 608 Mechanical Engineering, General
DOI:10.4028/www.scientific.net/AMM.427-429.730
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 18>

Accession number:IP52838113
Title:Influence of LaF₃ on the crystallization and luminescence of Eu³⁺-doped oxyfluoride glass ceramics
Authors:Zhang, Chi (1); Zhao, Shilong (1); Deng, Degang (1); Huang, Lihui (1); Tian, Ying (1); Xu, Shiqing (1)

Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Zhao, S.(shilong_zhao@hotmail.com)
Source title:Ceramics International
Abbreviated source title:Ceram Int
Issue date:2013
Publication year:2013
Language:English
ISSN:02728842
CODEN:CINNDH
Document type:Article in Press
Main heading:Glass ceramics
Controlled terms:Barium compounds - Borosilicate glass - Crystallization - Differential scanning calorimetry - Luminescence - Nanocrystals - Transmission electron microscopy
Uncontrolled terms:Crystallization behavior - Emission peaks - Fluorescence lifetimes - Glassy matrices - Oxyfluoride glass ceramics - Oxyfluorides - Stark splitting
Classification code:741.1 Light/Optics - 741.3 Optical Devices and Systems - 761 Nanotechnology - 801 Chemistry - 804.1 Organic Compounds - 812.3 Glass - 933.1 Crystalline Solids
DOI:10.1016/j.ceramint.2013.10.047
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 19>

Accession number:20134416918022
Title:Study on supply chain oriented service quality evaluation of e-Commerce
Authors:Tong, Yang (1); Liu, Qing (1); Jiang, Hai Qing (1)
Author affiliation:(1) China Jiliang University, 258 Xueyuan Street, Hangzhou, China
Source title:Advanced Materials Research
Abbreviated source title:Adv. Mater. Res.
Volume:798
Monograph title:Advances in Applied Science and Industrial Technology
Issue date:2013
Publication year:2013
Pages:971-974
Language:English
ISSN:10226680
ISBN-13:9783037858417
Document type:Conference article (CA)
Conference name:2013 International Forum on Materials Science and Industrial Technology, IFMSIT 2013
Conference date:August 30, 2013 - September 1, 2013
Conference location:Qingdao, China
Conference code:100412
Sponsor:Education Department of Shandong Province; Qingdao University; Qingdao Science Culture Communication Co., Ltd; Test and analysis of association of Qingdao; Faculty of Chemical Engineering Universiti Teknologi Mara; et al
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:9
Main heading:Quality of service
Controlled terms:Electronic commerce - Supply chains
Uncontrolled terms:E-commerce websites - Fuzzy comprehensive evaluation method - Service Quality - Service quality evaluation - Servqual models
Classification code:913 Production Planning and Control; Manufacturing - 912 Industrial Engineering and Management - 723.5 Computer Applications - 723 Computer Software, Data Handling and Applications - 718 Telephone Systems and Related Technologies; Line Communications - 717 Optical Communication - 716 Telecommunication; Radar, Radio and Television
DOI:10.4028/www.scientific.net/AMR.798-799.971

Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 20>

Accession number:IP52832472
Title:Sparse algorithms of Random Weight Networks and applications
Authors:Cao, Feilong (1); Tan, Yuanpeng (1); Cai, Miaomiao (1)
Author affiliation:(1) Department of Information and Mathematics Sciences, China Jiliang University, Hangzhou 310018, Zhejiang Province, PR China
Corresponding author:Cao, F.(feilongcao@gmail.com)
Source title:Expert Systems with Applications
Abbreviated source title:Expert Sys Appl
Issue date:2013
Publication year:2013
Language:English
ISSN:09574174
CODEN:ESAPEH
Document type:Article in Press
Main heading:Backpropagation algorithms
Controlled terms:Pattern recognition - Reluctance motors
Uncontrolled terms:Effective performance - Hidden layer neurons - Random weight - Sparse algorithms - Sparse coding - Structure-based - Support tool - Switch reluctance motors
Classification code:705.3.1 AC Motors - 716 Telecommunication; Radar, Radio and Television - 723.4 Artificial Intelligence
DOI:10.1016/j.eswa.2013.09.045
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 21>

Accession number:20134516955756
Title:Effect of Chlorine concentration on determining COD by acid and alkaline potassium permanganate
Authors:Modi, E. (1); Ding, Tao (1); Zhan, Sheng Chao (1); Yao, Fu Wei (1); Wan, Hong Ke (1)
Author affiliation:(1) College Of Quality and Safety Engineering, China Jiliang University, Hangzhou 310018, China
Source title:Advanced Materials Research
Abbreviated source title:Adv. Mater. Res.
Volume:807-809
Monograph title:Environmental Protection and Resources Exploitation
Issue date:2013
Publication year:2013
Pages:232-235
Language:English
ISSN:10226680
ISBN-13:9783037858622
Document type:Conference article (CA)
Conference name:2013 International Conference on Advances in Energy and Environmental Science, ICAEES 2013
Conference date:July 30, 2013 - July 31, 2013
Conference location:Guangzhou, China
Conference code:100432
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:5
Main heading:Potassium
Controlled terms:Chlorine - Chlorine compounds - Rivers - Water quality
Uncontrolled terms:Acidic potassium permanganate - Chlorine concentration - Detection methods - Potassium dichromates - Potassium permanganate - Standard solutions - Tidal estuary - Water

quality evaluation

Classification code:407.2 Waterways - 453.2 Water Pollution Control - 549.1 Alkali Metals - 804 Chemical Products Generally

DOI:10.4028/www.scientific.net/AMR.807-809.232

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 22>

Accession number:20134416921188

Title:The image segmentation system based on gauss process

Authors:Ling, Lei (1); Chen, Pan (2); Ping, Li (1)

Author affiliation:(1) Institute of Industrial Process Control Zhejiang University, Zhejiang Hangzhou 310027, China; (2) Department of Information Engineering China Jiliang University, Zhejiang Hangzhou 310018, China

Source title:Applied Mechanics and Materials

Abbreviated source title:Appl. Mech. Mater.

Volume:421

Monograph title:Information Technology for Manufacturing Systems IV

Issue date:2013

Publication year:2013

Pages:523-527

Language:English

ISSN:16609336

E-ISSN:16627482

ISBN-13:9783037858783

Document type:Conference article (CA)

Conference name:4th International Conference on Information Technology for Manufacturing Systems, ITMS 2013

Conference date:August 28, 2013 - August 29, 2013

Conference location:Auckland, New Zealand

Conference code:100439

Sponsor:Singapore Management and Sports Science Institute

Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland

Number of references:5

Main heading:Image segmentation

Controlled terms:Cells - Diagnosis - Entropy - Gaussian distribution - Information technology - Manufacture - Medical image processing - Sampling

Uncontrolled terms:Automatic image segmentation - Blood cell images - Image segmentation system - Probabilistic interpretation - Relative distances - Segmentation images - Spatial informations - Target position

Classification code:903 Information Science - 801 Chemistry - 723.2 Data Processing and Image Processing - 922.1 Probability Theory - 641.1 Thermodynamics - 461.6 Medicine and Pharmacology - 461.2 Biological Materials and Tissue Engineering - 537.1 Heat Treatment Processes

DOI:10.4028/www.scientific.net/AMM.421.523

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 23>

Accession number:20134416913930

Title:Photoluminescence properties of Ce³⁺/Eu²⁺ co-doped Ca₃Si₂O₄N₂ phosphors

Authors:Chen, Hong (1); Li, Chen-Xia (1); Hua, You-Jie (2); Xu, Shi-Qing (2)

Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, Hangzhou 310018, China; (2) College of Materials Science and Energy, China Jiliang University, Hangzhou 310018, China

Corresponding author:Li, C.-X.(lichenxia@cjlu.edu.cn)

Source title:Faguang Xuebao/Chinese Journal of Luminescence

Abbreviated source title:Faguang Xuebao
Volume:34
Issue:10
Issue date:October 2013
Publication year:2013
Pages:1324-1327
Language:Chinese
ISSN:10007032
CODEN:FAXUEW
Document type:Journal article (JA)
Publisher:Chines Academy of Sciences, Southeast Lake Heading on 16th, Chungchun City, 130033, China
Number of references:12
Main heading:Calcium
Controlled terms:Emission spectroscopy - Energy transfer - Light emission - Phosphors - Silicon - Solid state reactions
Uncontrolled terms:Charge compensation - Critical distance - Emission intensity - Emission spectrums - Fluorescence spectrophotometer - Mole fraction - Photoluminescence properties - XRD patterns
Classification code:549.2 Alkaline Earth Metals - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline Earth Metals - 641.2 Heat Transfer - 741.1 Light/Optics - 802.2 Chemical Reactions
DOI:10.3788/fgxb20133410.1324
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 24>

Accession number:20134516955776
Title:Change of photosynthetic gas exchange and chlorophyll fluorescence of Cd-sensitive mutant rice in response to Cd stress
Authors:He, Jun Yu (1); Ren, Yan Fang (1); Zhu, Cheng (2); Jiang, Dean (3)
Author affiliation:(1) College of Agriculture, Guizhou University, Guiyang 550025, China; (2) College of Life Science, China Jiliang University, Hangzhou 310018, China; (3) College of Life Science, Zhejiang University, Hangzhou 310058, China
Source title:Advanced Materials Research
Abbreviated source title:Adv. Mater. Res.
Volume:807-809
Monograph title:Environmental Protection and Resources Exploitation
Issue date:2013
Publication year:2013
Pages:336-341
Language:English
ISSN:10226680
ISBN-13:9783037858622
Document type:Conference article (CA)
Conference name:2013 International Conference on Advances in Energy and Environmental Science, ICAEES 2013
Conference date:July 30, 2013 - July 31, 2013
Conference location:Guangzhou, China
Conference code:100432
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:15
Main heading:Plants (botany)
Controlled terms:Cadmium - Carbon dioxide - Photosynthesis
Uncontrolled terms:Chlorophyll fluorescence - Net photosynthetic rate - Non-photochemical quenching - Photochemical efficiency - Photochemical quenching (qp) - Photosynthetic gas exchange - Rice - Stomatal conductance
Classification code:461.9 Biology - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline

Earth Metals - 741.1 Light/Optics - 804.2 Inorganic Compounds

DOI:10.4028/www.scientific.net/AMR.807-809.336

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 25>

Accession number:20134516950991

Title:Influences of topographical change of Qiantang river on design flood of Puyang river

Authors:Ding, Tao (1); Liu, Li Ming (1)

Author affiliation:(1) College Of Quality and Safety Engineering, China Jiliang University, Hangzhou 310018, China

Source title:Applied Mechanics and Materials

Abbreviated source title:Appl. Mech. Mater.

Volume:405-408

Monograph title:Progress in Industrial and Civil Engineering II

Issue date:2013

Publication year:2013

Pages:2064-2067

Language:English

ISSN:16609336

E-ISSN:16627482

ISBN-13:9783037858578

Document type:Conference article (CA)

Conference name:2nd International Conference on Civil, Architectural and Hydraulic Engineering, ICCAHE 2013

Conference date:July 27, 2013 - July 28, 2013

Conference location:Zhuhai, China

Conference code:100434

Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland

Number of references:5

Main heading:Rivers

Controlled terms:Civil engineering - Climate change - Floods - Fluid mechanics - Shore protection

Uncontrolled terms:Design flood - Human activities - Qiantang River - Topographical changes - Two-dimension - Zhejiang Province

Classification code:407.1 Maritime Structures - 407.2 Waterways - 409 Civil Engineering, General - 451 Air Pollution - 914.1 Accidents and Accident Prevention - 931.1 Mechanics

DOI:10.4028/www.scientific.net/AMM.405-408.2064

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 26>

Accession number:IP52847647

Title:Formation and crystallization kinetics of Nd-Fe-B-based bulk amorphous alloy

Authors:Wu, Qiong (1); Ge, Hongliang (1); Zhang, Pengyue (1); Li, Dongyun (1); Wang, Zisheng (1)

Author affiliation:(1) Magnetism Key Laboratory of Zhejiang Province, China Jiliang University, 258 Xueyuan Road, Hangzhou, 310018, China

Corresponding author:Ge, H.(hongliang_ge@cjlu.edu.cn)

Source title:Applied Physics A: Materials Science and Processing

Abbreviated source title:Appl Phys A

Issue date:2013

Publication year:2013

Pages:1-5

Language:English

ISSN:09478396

E-ISSN:14320630

CODEN:APAMFC

Document type:Article in Press

Number of references:27

Main heading:Molybdenum alloys

Controlled terms:Alloys - Amorphous alloys - Crystallization kinetics - Iron alloys - Molybdenum - Neodymium alloys

Uncontrolled terms:Amorphous structures - Avrami exponent - Bulk amorphous alloys - Crystallization behavior - Glass-forming ability - Growth of particles - Mathematical expressions - Uniform distribution

Classification code:531 Metallurgy and Metallography - 531.1 Metallurgy - 543.3 Molybdenum and Alloys - 545.3 Steel - 547.2 Rare Earth Metals - 933 Solid State Physics

DOI:10.1007/s00339-013-8058-8

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 27>

Accession number:20134416937838

Title:A set of inverse telecommunication network problems

Authors:Ding, Zhe Heng (1); Wang, Jing (2); Wang, Qin (1)

Author affiliation:(1) Department of Mathematics, China Jiliang University, Hangzhou 310018, China; (2) Department of Information Engineering, Beijing Information Technology College, Beijing 100018, China

Corresponding author:Wang, Q.(wq@cjlu.edu.cn)

Source title:Advanced Materials Research

Abbreviated source title:Adv. Mater. Res.

Volume:760-762

Monograph title:Optoelectronics Engineering and Information Technologies in Industry

Issue date:2013

Publication year:2013

Pages:665-668

Language:English

ISSN:10226680

ISBN-13:9783037857731

Document type:Conference article (CA)

Conference name:2nd International Conference on Opto-Electronics Engineering and Materials Research, OEMR 2013

Conference date:October 19, 2013 - October 20, 2013

Conference location:Zhengzhou, Henan, China

Conference code:100390

Sponsor:Computer Science and Electronic Technology; Trans tech publications inc.; National Cheng Kung University

Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland

Number of references:6

Main heading:Inverse problems

Controlled terms:Electronics engineering - Information technology - Polynomial approximation - Telecommunication links - Telecommunication networks

Uncontrolled terms:Dominant set - Edge-sets - Polynomial-time algorithms - Telecommunication companies

Classification code:921.6 Numerical Methods - 921 Mathematics - 903 Information Science - 718 Telephone Systems and Related Technologies; Line Communications - 717 Optical Communication - 716 Telecommunication; Radar, Radio and Television - 715 Electronic Equipment, General Purpose and Industrial - 714 Electronic Components and Tubes - 713 Electronic Circuits

DOI:10.4028/www.scientific.net/AMR.760-762.665

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 28>

Accession number:20134416927672

Title:Design of wide-band and multi-channel synchronous output driving power on dielectrophoresis

Authors:Lan, Xiong (1); Yang, Qi Hua (1); Zhang, Ke (2)
Author affiliation:(1) College of Quality and Safety Engineering, China Jiliang University, Hangzhou, China; (2) College of Mechatronics Engineering, China Jiliang University, Hangzhou, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:427-429
Monograph title:Mechanical Engineering, Industrial Electronics and Information Technology Applications in Industry
Issue date:2013
Publication year:2013
Pages:1056-1059
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783037858905
Document type:Conference article (CA)
Conference name:2nd International Conference on Mechanical Engineering, Industrial Electronics and Informatization, MEIEI 2013
Conference date:September 14, 2013 - September 15, 2013
Conference location:Chongqing, China
Conference code:100386
Sponsor:Chongqing University of Science and Technology; Computer Science and Electronic Technology International Society; Atlantis press; Chongqing Normal University; Chongqing University of Technology; et al
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:10
Main heading:Industrial electronics
Controlled terms:Electrophoresis - Information technology - Mechanical engineering
Uncontrolled terms:Amplitude detection - Analysis and simulation - Biological particles - Broadband and wide-amplitude - DEP - Driving power - Feedback systems - Temperature compensation
Classification code:608 Mechanical Engineering, General - 714 Electronic Components and Tubes - 715 Electronic Equipment, General Purpose and Industrial - 716 Telecommunication; Radar, Radio and Television - 801.3 Colloid Chemistry - 903 Information Science
DOI:10.4028/www.scientific.net/AMM.427-429.1056
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 29>

Accession number:20134416919174
Title:Modulations and core-shell effect on positive temperature coefficient of resistivity of Na_{0.5}Bi_{0.5}TiO₃ ceramics by electrically heterogeneous (LiCe) phases
Authors:Li, Zheng Fa (1); Fu, Yu Ting (1); Li, Yong Xiang (2); Zhang, Qun Xi (2)
Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China; (2) Shanghai Institute of Ceramics, 1295 Dingxi Road, Shanghai 200050, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:395-396
Monograph title:Advanced Materials and Processes III
Issue date:2013
Publication year:2013
Pages:84-87
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783037858424
Document type:Conference article (CA)

Conference name:3rd International Conference on Advanced Design and Manufacturing Engineering, ADME 2013
Conference date:July 13, 2013 - July 14, 2013
Conference location:Anshan, China
Conference code:100430
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Main heading: Ceramic materials
Controlled terms:Design - Grain boundaries - High temperature applications - Modulation - Positive temperature coefficient - Shells (structures) - Sodium - X ray diffraction
Uncontrolled terms:Ceramics - Core shell structure - Core-shell - Heterogeneous structures - Positive temperature coefficient of resistivities - Temperature coefficient of resistivity - TiO - Wide temperature ranges
Classification code:933.1 Crystalline Solids - 931.3 Atomic and Molecular Physics - 931.2 Physical Properties of Gases, Liquids and Solids - 812.1 Ceramics - 718 Telephone Systems and Related Technologies; Line Communications - 717 Optical Communication - 716 Telecommunication; Radar, Radio and Television - 708.3.1 High Temperature Superconducting Materials - 549.1 Alkali Metals - 408.2 Structural Members and Shapes - 408 Structural Design
DOI:10.4028/www.scientific.net/AMM.395-396.84
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 30>

Accession number:20134416927595
Title:Design of an IDC power three-phase equilibrium distribution soft-switching system
Authors:Hong, Yan (1); Hui, Cai (1); Chen, Wei Min (1); Qing, Li (1)
Author affiliation:(1) College of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou 310018, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:427-429
Monograph title:Mechanical Engineering, Industrial Electronics and Information Technology Applications in Industry
Issue date:2013
Publication year:2013
Pages:721-724
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783037858905
Document type:Conference article (CA)
Conference name:2nd International Conference on Mechanical Engineering, Industrial Electronics and Informatization, MEIEI 2013
Conference date:September 14, 2013 - September 15, 2013
Conference location:Chongqing, China
Conference code:100386
Sponsor:Chongqing University of Science and Technology; Computer Science and Electronic Technology International Society; Atlantis press; Chongqing Normal University; Chongqing University of Technology; et al
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:5
Main heading:Soft switching
Controlled terms:Electric equipment - Industrial electronics - Information technology - Mechanical engineering - Phase equilibria
Uncontrolled terms:DSP - Electric energies - Impulse current - Single-phase grid-connected inverters - Three-phase equilibria
Classification code:717 Optical Communication - 716 Telecommunication; Radar, Radio and Television - 715 Electronic Equipment, General Purpose and Industrial - 903 Information Science - 714 Electronic Components and Tubes - 608 Mechanical Engineering, General - 531 Metallurgy and

Metallography - 704.2 Electric Equipment
DOI:10.4028/www.scientific.net/AMM.427-429.721
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 31>

Accession number:20134516956521
Title:Design of intelligent home control system based on a variety of network
Authors:Chen, Dong Hong (1); Ke, Shuang (2); Chen, Ji Quan (1); Chen, Xiai (3)
Author affiliation:(1) Education Equipment Engineering Technology Research Center of Zhejiang Province, WenZhou, 325105, China; (2) Zhejiang Economic and Trade Polytechnic, Hangzhou, 310018, China; (3) School of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou, 310018, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:397-400
Monograph title:Advanced Design and Manufacturing Technology III
Issue date:2013
Publication year:2013
Pages:1291-1295
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783037858431
Document type:Conference article (CA)
Conference name:3rd International Conference on Advanced Design and Manufacturing Engineering, ADME 2013
Conference date:July 13, 2013 - July 14, 2013
Conference location:Anshan, China
Conference code:100430
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:11
Main heading:Design
Controlled terms:Carbon dioxide - Control systems - Domestic appliances - Global system for mobile communications - Intelligent buildings - Internet
Uncontrolled terms:Control functions - GPRS - Intelligent home - Intelligent home systems - Internet of Things (IOT) - Monitoring platform - Smoke concentration - Temperature and humidities
Classification code:804.2 Inorganic Compounds - 731.1 Control Systems - 723 Computer Software, Data Handling and Applications - 718 Telephone Systems and Related Technologies; Line Communications - 717 Optical Communication - 716 Telecommunication; Radar, Radio and Television - 715 Electronic Equipment, General Purpose and Industrial - 522 Gas Fuels - 408 Structural Design
DOI:10.4028/www.scientific.net/AMM.397-400.1291
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 32>

Accession number:20134516953978
Title:Design of cyclic arrayed waveguide grating with distributed waveguide directions for uniform loss
Authors:Jin, Wen (1); Zou, Jun (1); Lang, Ting Ting (2); He, Jian-Jun (1)
Author affiliation:(1) State Key Laboratory of Modern Optical Instrumentation, Centre for Integrated Optoelectronics, Zhejiang University, Hangzhou 310027, China; (2) College of Optical and Electronic Technology, China Jiliang University, Hangzhou, 310018, China
Source title:Proceedings - 2013 12th International Conference on Optical Communications and Networks, ICOCN 2013
Abbreviated source title:Proc. - Int. Conf. Opt. Commun. Networks, ICOCN

Monograph title:Proceedings - 2013 12th International Conference on Optical Communications and Networks, ICOCN 2013
Issue date:2013
Publication year:2013
Article number:6617250
Language:English
ISBN-13:9781479913862
Document type:Conference article (CA)
Conference name:2013 12th International Conference on Optical Communications and Networks, ICOCN 2013
Conference date:July 26, 2013 - July 28, 2013
Conference location:Chengdu, China
Conference code:100541
Sponsor:University of Electronic Science and Technology of China; Southwest Jiaotong University; National Natural Science Foundation of China (NSFC); IEEE Photonics Society-Chengdu chapter
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:6
Main heading:Arrayed waveguide gratings
Controlled terms:Design - Insertion losses - Optical communication - Routers - Waveguides
Uncontrolled terms:Arrayed waveguides - Channel insertion - Conventional design - Free spectral range - Nonuniformity - Optical energy - Output waveguides - Wavelength router
Classification code:718 Telephone Systems and Related Technologies; Line Communications - 717.1 Optical Communication Systems - 717 Optical Communication - 741.3 Optical Devices and Systems - 716 Telecommunication; Radar, Radio and Television - 701.1 Electricity: Basic Concepts and Phenomena - 408 Structural Design - 714.3 Waveguides
DOI:10.1109/ICOCN.2013.6617250
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 33>

Accession number:20134416918021
Title:Research on optimizing reverse logistics network of waste copper recycling
Authors:Hao, Qi (1); Xu, Xin Sheng (1); Liu, Qing (1); Liu, Xi Ze (1)
Author affiliation:(1) College of quality and safety engineering, China Jiliang University, Hangzhou, China
Source title:Advanced Materials Research
Abbreviated source title:Adv. Mater. Res.
Volume:798
Monograph title:Advances in Applied Science and Industrial Technology
Issue date:2013
Publication year:2013
Pages:967-970
Language:English
ISSN:10226680
ISBN-13:9783037858417
Document type:Conference article (CA)
Conference name:2013 International Forum on Materials Science and Industrial Technology, IFMSIT 2013
Conference date:August 30, 2013 - September 1, 2013
Conference location:Qingdao, China
Conference code:100412
Sponsor:Education Department of Shandong Province; Qingdao University; Qingdao Science Culture Communication Co., Ltd; Test and analysis of association of Qingdao; Faculty of Chemical Engineering Universiti Teknologi Mara; et al
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:3
Main heading:Logistics

Controlled terms:Copper - Optimization - Outsourcing - Recycling - Scrap metal reprocessing
Uncontrolled terms:Mathematic model - Optimal decisions - Reverse logistics - Reverse logistics network - Scrap recycling - Third-party logistics
Classification code:921.5 Optimization Techniques - 913 Production Planning and Control; Manufacturing - 912.2 Management - 912 Industrial Engineering and Management - 544.1 Copper - 452.4 Industrial Wastes Treatment and Disposal - 452.3 Industrial Wastes

DOI:10.4028/www.scientific.net/AMR.798-799.967

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 34>

Accession number:20134416915495

Title:Study on thermogravimetry data of cooking oil tar based on adaptive wavelet analysis

Authors:Xie, Zheng-Wen (1)

Author affiliation:(1) Safety and Environment Institute, China Jiliang University, Hangzhou 310018, China

Corresponding author:Xie, Z.-W.(xiezhengwen@126.com)

Source title:Applied Mechanics and Materials

Abbreviated source title:Appl. Mech. Mater.

Volume:423-426

Monograph title:Applied Materials and Technologies for Modern Manufacturing

Issue date:2013

Publication year:2013

Pages:2486-2490

Language:English

ISSN:16609336

E-ISSN:16627482

ISBN-13:9783037858882

Document type:Conference article (CA)

Conference name:3rd International Conference on Applied Mechanics, Materials and Manufacturing, ICAMMM 2013

Conference date:August 24, 2013 - August 25, 2013

Conference location:Dalian, China

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Main heading:Curve fitting

Controlled terms:Kinetics - Manufacture - Oils and fats - Reaction kinetics - Tar - Testing - Thermogravimetric analysis - Wavelet analysis - Wavelet transforms

Uncontrolled terms:Adaptive wavelets - Combustion characteristics - Gaussian smoothing - Orthogonal test method - Smoothing - Smoothing algorithms - Thermo-gravimetric - Wavelet parameters

Classification code:931 Classical Physics; Quantum Theory; Relativity - 921 Mathematics - 804.1 Organic Compounds - 804 Chemical Products Generally - 801.4 Physical Chemistry - 801 Chemistry - 537.1 Heat Treatment Processes - 524 Solid Fuels - 513 Petroleum Refining - 423.2 Non Mechanical Properties of Building Materials: Test Methods - 411 Bituminous Materials

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Title:Contrastive analysis of pores for the CFRP laminates and corner of L-shape CFRP components

Authors:Chen, Yue Chao (1); Yang, Chen Long (1); Li, Zhao (1); Zheng, Hui Feng (2)

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