经检索“Engineering Village 2”， 以下论文被《Ei Compendex》收录。（检索时间 2014 年 2 月 25 日）。

<RECORD 1>

Accession number:20140517242144
Title:Combustion flexibility of a large-scale down-fired furnace with respect to boiler load and staging conditions at partial loads
Authors:Ling, Zhongqian (1); Kuang, Min (1); Zeng, Xianyang (1); Zhang, Guangxue (1)
Author affiliation:(1) Institute of Thermal Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Kuang, M.(kmwust2000@163.com)
Source title:Energy and Fuels
Abbreviated source title:Energy Fuels
Volume:28
Issue:1
Issue date:January 16, 2014
Publication year:2014
Pages:725-734
Language:English
ISSN:08870624
E-ISSN:15205029
CODEN:ENFUEM
Document type:Conference article (CA)
Publisher:American Chemical Society, 2540 Olentangy River Road, P.O. Box 3337, Columbus, OH 43210-3337, United States
Number of references:31
Main heading:Coal combustion
Controlled terms:Anthracite - Boiler firing - Carbon - Coal ash - Coal fired boilers - Coal industry - Fly ash - Furnaces - Gas emissions - Industrial emissions
Uncontrolled terms:Asymmetric combustions - Combustion technology - Comprehensive evaluation - Exhaust gas temperatures - Gas temperature distributions - Operation conditions - Species concentration - Technology application
Classification code:451.1 Air Pollution Sources - 524 Solid Fuels - 532 Metallurgical Furnaces - 614.2 Steam Power Plant Equipment and Operation - 804 Chemical Products Generally
DOI:10.1021/ef402161u
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 2>

Accession number:20140517260264
Title:Curvature sensor based on hollow-core photonic crystal fiber sagnac interferometer
Authors:Gong, Huaping (1); Song, Haifeng (1); Zhang, Sulei (2); Jin, Yongxing (1); Dong, Xinyong (1)
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China; (2) School of Civil Engineering, Zhengzhou University, Zhengzhou 450001, China
Source title:IEEE Sensors Journal
Abbreviated source title:IEEE Sensors J.
Volume:14
Issue:3
Issue date:March 2014
Publication year:2014
Pages:777-780
Article number:6616570
Language:English

ISSN:1530437X
Document type:Journal article (JA)
Publisher:Institute of Electrical and Electronics Engineers Inc., 445 Hoes Lane / P.O. Box 1331, Piscataway, NJ 08855-1331, United States
Number of references:18
Main heading:Fiber optic sensors
Controlled terms:Photonic crystal fibers - Single mode fibers
Uncontrolled terms:Cross sensitivity - Curvature measurement - Curvature sensor - Hollow core photonic crystal fiber - Linear relationships - Sagnac interferometer - Temperature sensitivity - Wavelength shift
Classification code:741.1.2 Fiber Optics
DOI:10.1109/JSEN.2013.2283580
Database:Compendex

<RECORD 3>

Accession number:20140717304618
Title:Simultaneous measurement of humidity and temperature based on a long-period fiber grating inscribed in fiber loop mirror
Authors:Liu, Honglin (1); Liang, Houhui (1); Sun, Mingming (1); Ni, Kai (1); Jin, Yongxing (1)
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Jin, Y.(85305979@qq.com)
Source title:IEEE Sensors Journal
Abbreviated source title:IEEE Sensors J.
Volume:14
Issue:3
Issue date:March 2014
Publication year:2014
Pages:893-896
Article number:6670050
Language:English
ISSN:1530437X
Document type:Journal article (JA)
Publisher:Institute of Electrical and Electronics Engineers Inc., 445 Hoes Lane / P.O. Box 1331, Piscataway, NJ 08855-1331, United States
Number of references:24
Main heading:Fibers
Controlled terms:Carbon dioxide - Humidity sensors - Optical resonators - Optical sensors - Polarization-maintaining fiber - Refractive index - Sensors
Uncontrolled terms:Fiber loop mirrors - Humidity and temperatures - Humidity levels - Long period fiber grating - Long Period Gratings - Resonance wavelengths - Simultaneous measurement - Temperature and humidities
Classification code:817 Plastics and Other Polymers: Products and Applications - 812 Ceramics, Refractories and Glass - 804.2 Inorganic Compounds - 801 Chemistry - 741 Light, Optics and Optical Devices - 732 Control Devices - 643 Space Heating, Ventilation and Air Conditioning
DOI:10.1109/JSEN.2013.2290837
Database:Compendex

<RECORD 4>

Accession number:20140517241781
Title:Sensitivity-enhanced Michelson interferometric humidity sensor with waist-enlarged fiber bitaper
Authors:Hu, Pengbing (1); Dong, Xinyong (1); Ni, Kai (1); Chen, Li Han (2); Wong, Wei Chang (2); Chan, Chi Chiu (2)
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou

310018, China; (2) Division of Bioengineering, School of Chemical and Biomedical Engineering, Nanyang Technological University, Singapore 63754, Singapore
Corresponding author:Chan, C.C.(eccchan@ntu.edu.sg)
Source title:Sensors and Actuators, B: Chemical
Abbreviated source title:Sens Actuators, B Chem
Volume:194
Issue date:April 2014
Publication year:2014
Pages:180-184
Language:English
ISSN:09254005
CODEN:SABCEB
Document type:Journal article (JA)
Publisher:Elsevier, P.O. Box 211, Amsterdam, 1000 AE, Netherlands
Number of references:27
Main heading:Humidity sensors
Controlled terms:Atmospheric humidity - Chitosan - Fiber optics - Michelson interferometers - Refractive index
Uncontrolled terms:Chitosan coatings - Chitosan film - Fast response - Fiber claddings - Humidity change - Interference patterns - Waist-enlarged bitaper - Wavelength shift
Classification code:941.3 Optical Instruments - 804.1 Organic Compounds - 741.1.2 Fiber Optics - 741.1 Light/Optics - 732 Control Devices - 643 Space Heating, Ventilation and Air Conditioning - 443.1 Atmospheric Properties
DOI:10.1016/j.snb.2013.12.081
Database:Compendex

<RECORD 5>

Accession number:IP52983692
Title:Quantized output feedback control with multiplicative measurement noises
Authors:Wei, Li (1); Fu, Minyue (2); Zhang, Huanshui (4)
Author affiliation:(1) Department of Mathematics China Jiliang University Hangzhou P. R. China; (2) School of Electrical Engineering and Computer Science University of Newcastle NSW 2308 Australia; (3) State Key laboratory of Industrial Control Technology Zhejiang University Hangzhou, Zhejiang P. R. China; (4) School of Control Science and Engineering Shandong University Jinan P. R. China
Corresponding author:Fu, M.(Minyue.Fu@newcastle.edu.au)
Source title:International Journal of Robust and Nonlinear Control
Abbreviated source title:Int J Robust Nonlinear Control
Issue date:2014
Publication year:2014
Language:English
ISSN:10498923
E-ISSN:10991239
CODEN:IJRCEA
Document type:Article in Press
Number of references:26
Main heading:Stochastic control systems
Controlled terms:Electrical engineering - Nonlinear control systems
Uncontrolled terms:Bounded uncertainty - Dynamic output feedback controller - Existence of a solutions - Guaranteed cost control - Multiplicative noise - Output feedback controls - Quadratic performance control - Sector bound approach
Classification code:709 Electrical Engineering, General - 731.1 Control Systems
DOI:10.1002/rnc.3145
Database:Compendex

<RECORD 6>

Accession number:IP52977429
Title:Design and analysis of associative memories based on external inputs of delayed recurrent neural networks
Authors:Zhang, Huaguang (1); Huang, Yujiao (1); Wang, Binrui (2); Wang, Zhanshan (1)
Author affiliation:(1) College of Information Science and Engineering, Northeastern University, 110819 Shenyang, China; (2) College of Mechanical and Electrical Engineering, China Jiliang University, 310018 Hangzhou, China
Corresponding author:Zhang, H.(hgzhang@ieee.org)
Source title:Neurocomputing
Abbreviated source title:Neurocomputing
Issue date:2014
Publication year:2014
Language:English
ISSN:09252312
E-ISSN:18728286
CODEN:NRCGEO
Document type:Article in Press
Main heading:Design
Controlled terms:Associative processing - Recurrent neural networks
Uncontrolled terms:Associative memory - Auto-associative Memory - Delayed recurrent neural networks - Design and analysis - Design procedure - Global exponential stability - Heteroassociative memory - Stored pattern
Classification code:408 Structural Design - 723.2 Data Processing and Image Processing - 723.4 Artificial Intelligence
DOI:10.1016/j.neucom.2013.12.014
Database:Compendex

<RECORD 7>

Accession number:20140617269769
Title:Phase transformation and dielectric properties in Ba<inf>1-</inf><inf>x</inf>La<inf>x</inf>Zr<inf>0.1</inf>Ti<inf>0.9</inf>O<inf>3</inf> ceramics
Authors:Huang, Xia (1); Zhang, Jingji (1); Ji, Ludong (1); Qi, Hongfang (1); Wang, Jiangying (1)
Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Zhang, J.(zjjtongji@gmail.com)
Source title:Journal of Alloys and Compounds
Abbreviated source title:J Alloys Compd
Volume:592
Issue date:April 15, 2014
Publication year:2014
Pages:105-108
Language:English
ISSN:09258388
CODEN:JALCEU
Document type:Journal article (JA)
Publisher:Elsevier Ltd, Langford Lane, Kidlington, Oxford, OX5 1GB, United Kingdom
Number of references:27
Main heading:Lanthanum
Controlled terms:Ceramic materials - Ferroelectricity - Perovskite - Phase transitions - Titanium oxides - Zirconium
Uncontrolled terms:Dielectric behavior - Ferroelectric relaxors - Frequency dependence - Perovskite structures - Relaxor behavior - Remnant polarizations - Room temperature - Strain behaviors
Classification code:547.2 Rare Earth Metals - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline Earth Metals - 701.1 Electricity: Basic Concepts and Phenomena - 801.4 Physical Chemistry - 804.2 Inorganic Compounds - 812.1 Ceramics
DOI:10.1016/j.jallcom.2014.01.015

Database:Compendex

<RECORD 8>

Accession number:20140617282117
Title:Penetration efficiency and distribution of aerosol particles in turbulent pipe flow undergoing coagulation and breakage
Authors:Lin, Jianzhong (1); Yin, Zhaoqin (1); Gan, Fujun (2); Yu, Mingzhou (1)
Author affiliation:(1) Institute of Fluid Mechanics, China Jiliang University, Hangzhou 310018, China; (2) Institute of Fluid Engineering, Zhejiang University, Hangzhou 310027, China
Corresponding author:Lin, J.(mecjzlin@public.zju.edu.cn)
Source title:International Journal of Multiphase Flow
Abbreviated source title:Int. J. Multiph. Flow
Volume:61
Issue date:May 2014
Publication year:2014
Pages:28-36
Language:English
ISSN:03019322
Document type:Journal article (JA)
Publisher:Elsevier Ltd, Langford Lane, Kidlington, Oxford, OX5 1GB, United Kingdom
Number of references:36
Main heading:Efficiency
Controlled terms:Aerosols - Coagulation - Coal breakage - Method of moments - Nanoparticles - Particle size - Pipe flow - Residence time distribution - Reynolds number - Turbulent flow - Walls (structural partitions)
Uncontrolled terms:Mean particle diameter - Particle coagulation - Particle distributions - Particle number concentration - Synthetic parameters - Taylor series expansions - Turbulent diffusion - Turbulent pipe flow
Classification code:933 Solid State Physics - 922.1 Probability Theory - 921 Mathematics - 913.1 Production Engineering - 804 Chemical Products Generally - 943.2 Mechanical Variables Measurements - 802.3 Chemical Operations - 708 Electric and Magnetic Materials - 631.1 Fluid Flow, General - 524 Solid Fuels - 402 Buildings and Towers - 761 Nanotechnology
DOI:10.1016/j.ijmultiphaseflow.2013.12.001
Database:Compendex

<RECORD 9>

Accession number:20140717331229
Title:The sandwiched radial composite piezoelectric ultrasonic transducer
Authors:Liu, Shiqing (1); Xu, Long (2); Zhang, Zhiliang (1); Chen, Zhaojiang (1); Shen, Jianguo (3)
Author affiliation:(1) Applied Acoustics Institute, Zhejiang Normal University, Jinhua 321004, China; (2) Department of Physics, China Jiliang University, Hangzhou 310018, China; (3) Medicine Institute of Science and Technology of Tianjin University, Tianjin 300072, China
Corresponding author:Liu, S.
Source title:Shengxue Xuebao/Acta Acustica
Abbreviated source title:Shengxue Xuebao
Volume:39
Issue:1
Issue date:January 2014
Publication year:2014
Pages:104-110
Language:Chinese
ISSN:03710025
CODEN:SHGHAS
Document type:Journal article (JA)
Publisher:Science Press, 18,Shuangqing Street,Haidian, Beijing, 100085, China

Number of references:13
Main heading:Natural frequencies
Controlled terms:Piezoelectric ceramics - Piezoelectric transducers - Tubes (components)
Uncontrolled terms:Effective electro-mechanical coupling coefficients - Electro-mechanical analogy - Geometrical dimensions - Piezoelectric ceramic components - Radial composites - Radial displacements - Radial vibrations - Resonance frequencies
Classification code:616.1 Heat Exchange Equipment and Components - 704 Electric Components and Equipment - 711.1 Electromagnetic Waves in Different Media - 812.1 Ceramics
Database:Compendex

<RECORD 10>

Accession number:IP52963413
Title:Sensitizing effect of Ho³⁺ on the Er³⁺: 2.7 μm-emission in fluoride glass
Authors:Huang, Feifei (1); Li, Xia (1); Liu, Xueqiang (1); Zhang, Junjie (3); Hu, Lili (1); Chen, Danping (1)
Author affiliation:(1) Key Laboratory of Materials for High Power Laser, Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, Shanghai 201800, PR China; (2) Graduate School of Chinese Academy of Sciences, Beijing 100039, PR China; (3) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, PR China
Corresponding author:Chen, D.(d-chen@mail.siom.ac.cn)
Source title:Optical Materials
Abbreviated source title:Opt Mater
Issue date:2014
Publication year:2014
Language:English
ISSN:09253467
CODEN:OMATET
Document type:Article in Press
Main heading:Erbium
Controlled terms:Doping (additives) - Emission spectroscopy - Energy transfer - Fluorine compounds - Glass - Judd-Ofelt theory
Uncontrolled terms:Absorption and emission spectra - Concentration ratio - Emission cross section - Energy transfer coefficients - Energy transfer mechanisms - Fluorescence properties - Radiative transition probabilities - Sensitizing effects
Classification code:547.2 Rare Earth Metals - 641.2 Heat Transfer - 801 Chemistry - 804.1 Organic Compounds - 812.3 Glass - 931.3 Atomic and Molecular Physics
DOI:10.1016/j.optmat.2013.12.031
Database:Compendex

<RECORD 11>

Accession number:20140517245629
Title:Simulation and experiment of pressure pipeline weakness monitoring based on optical Fiber Bragg Grating
Authors:Liu, Yue Ming (1); Xia, Zhong Cheng (1); Gao, Xiao Liang (1)
Author affiliation:(1) College of Optical and Electronic Technology, China JiLiang University, Hang Zhou 310018, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:487
Monograph title:Mechanical Structures and Smart Materials
Issue date:2014
Publication year:2014
Pages:517-521
Language:English

ISSN:16609336
E-ISSN:16627482
Document type:Conference article (CA)
Conference name:2013 International Conference on Mechanical Structures and Smart Materials, ICMSSM 2013
Conference date:November 16, 2013 - November 17, 2013
Conference location:Xiamen, China
Conference code:102251
Sponsor:Trans Tech Publications inc; BOSI EDU
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:8
Main heading:Pipelines
Controlled terms:Chemical industry - Electric sensing devices - Fiber Bragg gratings - Intelligent materials - Optical fiber fabrication
Uncontrolled terms:ANSYS software - Experimental methods - Explosion accidents - FBG sensor - Petroleum enterprise - Pressure pipeline - Pressure pipings - Real time monitoring
Classification code:415 Metals, Plastics, Wood and Other Structural Materials - 619.1 Pipe, Piping and Pipelines - 732 Control Devices - 741.1.2 Fiber Optics - 741.3 Optical Devices and Systems - 805 Chemical Engineering, General
DOI:10.4028/www.scientific.net/AMM.487.517
Database:Compendex

<RECORD 12>

Accession number:20140317215063
Title:Sim;2 μm fluorescence radiative dynamics and energy transfer between Er³⁺ and Tm³⁺ ions in silicate glass
Authors:Li, Ming (1); Liu, Xueqiang (1); Guo, Yanyan (3); Hao, Wei (4); Hu, Lili (1); Zhang, Junjie (5)
Author affiliation:(1) Key Laboratory of Materials for High Power Laser, Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, Shanghai 201800, China; (2) Graduate School of Chinese Academy of Sciences, Beijing 100039, China; (3) College of Materials Science and Engineering, Changchun University of Science and Technology, Changchun 130022, China; (4) Lab of Advanced Materials, Fudan University, Shanghai 200438, China; (5) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310 018, China
Corresponding author:Zhang, J.(jjzhang@mail.siom.ac.cn)
Source title:Materials Research Bulletin
Abbreviated source title:Mater Res Bull
Volume:51
Issue date:March 2014
Publication year:2014
Pages:263-270
Language:English
ISSN:00255408
CODEN:MRBUAC
Document type:Journal article (JA)
Publisher:Elsevier Ltd, Langford Lane, Kidlington, Oxford, OX5 1GB, United Kingdom
Number of references:50
Main heading:Erbium
Controlled terms:Emission spectroscopy - Energy transfer - Glass - Ions - Judd-Ofelt theory - Optical materials - Silicates
Uncontrolled terms:Efficient energy transfer - Energy transfer coefficients - Energy transfer mechanisms - Judd-Ofelt parameters - Melt quenching method - Radiative properties - Selective laser excitation - Transmission spectrums
Classification code:931.3 Atomic and Molecular Physics - 812.3 Glass - 812 Ceramics, Refractories and Glass - 741.3 Optical Devices and Systems - 641.2 Heat Transfer - 547.2 Rare Earth Metals - 414 Masonry Materials
DOI:10.1016/j.materresbull.2013.12.021

Database:Compendex

<RECORD 13>

Accession number:20140517243622
Title:Improving flow and combustion performance of a large-scale down-fired furnace by shortening secondary-air port area
Authors:Kuang, Min (1); Li, Zhengqi (2); Ling, Zhongqian (1); Zeng, Xianyang (1)
Author affiliation:(1) Institute of Thermal Engineering, China Jiliang University, Hangzhou 310018, China; (2) School of Energy Science and Engineering, Harbin Institute of Technology, Harbin 150001, China
Corresponding author:Ling, Z.(kmwust2000@163.com)
Source title:Fuel
Abbreviated source title:Fuel
Volume:121
Issue date:April 1, 2014
Publication year:2014
Pages:232-239
Language:English
ISSN:00162361
CODEN:FUELAC
Document type:Journal article (JA)
Publisher:Elsevier Ltd, Langford Lane, Kidlington, Oxford, OX5 1GB, United Kingdom
Number of references:32
Main heading:Furnaces
Controlled terms:Coal combustion - Retrofitting
Uncontrolled terms:Asymmetric combustions - Asymmetric distribution - Cold airflow - Combustion performance - Flow charac-teristics - Port areas - Secondary-air port - Symmetric patterns
Classification code:521 Fuel Combustion and Flame Research - 524 Solid Fuels - 532 Metallurgical Furnaces - 913.5 Maintenance
DOI:10.1016/j.fuel.2013.12.059
Database:Compendex

<RECORD 14>

Accession number:IP52989848
Title:Recommendation of location-based services based on composite measures of trust degree
Authors:Li, Weimin (1); Yao, Mengke (1); Zhou, Xiaokang (2); Nishimura, Shoji (2); Jin, Qun (2)
Author affiliation:(1) School of Computer Engineering and Technology, Shanghai University, Shanghai, China; (2) Graduate School of Human Sciences, Waseda University, Tokorozawa, Japan; (3) College of Information Engineering, China Jiliang University, Hangzhou, China
Corresponding author:Jin, Q.(jin@acm.org)
Source title:The Journal of Supercomputing
Abbreviated source title:J Supercomput
Issue date:February 4, 2014
Publication year:2014
Language:English
ISSN:09208542
E-ISSN:15730484
CODEN:JOSUED
Document type:Article in Press
Number of references:21
Main heading:Location based services
Controlled terms:Computer programming - Software engineering
Uncontrolled terms:Computing power - Mobile terminal - Mobile users - Service recommendations - Trust degree
Classification code:716 Telecommunication; Radar, Radio and Television - 723.1 Computer

Programming
DOI:10.1007/s11227-014-1084-2
Database:Compendex

<RECORD 15>

Accession number:20140717306651
Title:Influence of Li<inf>2</inf>CO<inf>3</inf> additions to CaSiO <inf>3</inf>-Al<inf>2</inf>O<inf>3</inf> ceramics on sintering temperature and microwave dielectric properties
Authors:Yang, Qinghua (1); Wang, Huanping (1); He, Zuopeng (2); Li, Denghao (1); Wang, Qiuhong (1); Xu, Shiqing (1)
Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China; (2) Semiconductor Manufacturing International Co.Ltd, Shanghai 201203, China
Corresponding author:Wang, H.(whpcjlu@hotmail.com)
Source title:Nippon Seramikkusu Kyokai Gakujutsu Ronbunshi/Journal of the Ceramic Society of Japan
Abbreviated source title:J Ceram Soc Jpn
Volume:122
Issue:1422
Issue date:February 2014
Publication year:2014
Pages:125-128
Language:English
ISSN:18820743
E-ISSN:13486535
CODEN:NSKRE2
Document type:Journal article (JA)
Publisher:Ceramic Society of Japan, 22-17,2-Chime Hyakunin-cho 2-chome, Shinjuku-ku, Tokyo, 169-0073, Japan
Number of references:19
Main heading:Lithium
Controlled terms:Aluminum - Ceramic materials - Densification - Dielectric properties - Sintering
Uncontrolled terms:CaSiO<inf>3</inf> ceramic - Liquid Phase - Microwave dielectric properties - Quality value - Sintering process - Sintering temperatures
Classification code:541.1 Aluminum - 549.1 Alkali Metals - 701 Electricity and Magnetism - 802.3 Chemical Operations - 812.1 Ceramics
DOI:10.2109/jcersj2.122.125
Database:Compendex

<RECORD 16>

Accession number:20140317215076
Title:The influence of unintentional Au impurities on the doping properties of Si nanowires
Authors:Liang, Pei (1); Liu, Yang (1); Shu, Haibo (1); Dong, Qianmin (1); Wang, Le (1); Shen, Tao (1)
Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, No. 258 Xueyuan Street, Xiasha, Hangzhou 310018, China; (2) Department of Physics, South China University of Technology, Guangzhou 510640, China
Corresponding author:Liang, P.(plianghust@gmail.com)
Source title:Solid State Communications
Abbreviated source title:Solid State Commun
Volume:183
Issue date:April 2014
Publication year:2014
Pages:8-12

Language:English
ISSN:00381098
CODEN:SSCOA4
Document type:Journal article (JA)
Publisher:Elsevier Ltd, Langford Lane, Kidlington, Oxford, OX5 1GB, United Kingdom
Number of references:22
Main heading:Nanowires
Controlled terms:Calculations - Impurities - Silicon
Uncontrolled terms:Doping properties - First-principles calculation - Impurities in silicons - Impurity and defects - Low temperature growth - N- and p-type doping - Self-catalysed growth - Silicon nanowires
Classification code:951 Materials Science - 933 Solid State Physics - 921 Mathematics - 761 Nanotechnology - 723 Computer Software, Data Handling and Applications - 721 Computer Circuits and Logic Elements - 712.1.1 Single Element Semiconducting Materials

DOI:10.1016/j.ssc.2013.12.012
Database:Compendex

<RECORD 17>

Accession number:20140517241733
Title:Effect of overfire air angle on flow characteristics within a small-scale model for a deep-air-staging down-fired furnace
Authors:Kuang, Min (1); Li, Zhengqi (2); Ling, Zhongqian (1); Jing, Xinjing (2); Zhu, Qunyi (2)
Author affiliation:(1) Institute of Thermal Engineering, China Jiliang University, Hangzhou 310018, China; (2) School of Energy Science and Engineering, Harbin Institute of Technology, Harbin 150001, China
Corresponding author:Ling, Z.(kmwust2000@163.com)
Source title:Energy Conversion and Management
Abbreviated source title:Energy Convers. Manage.
Volume:79
Issue date:March 2014
Publication year:2014
Pages:367-376
Language:English
ISSN:01968904
CODEN:ECMADL
Document type:Journal article (JA)
Publisher:Elsevier Ltd, Langford Lane, Kidlington, Oxford, OX5 1GB, United Kingdom
Number of references:37
Main heading:Furnaces
Controlled terms:Combustion - Flow fields - Fly ash - Optimization - Penetration depth (superconductivity)
Uncontrolled terms:Asymmetric combustions - Combustion technology - Deep-air-staging - Flow charac-teristics - Flow field pattern - Numerical results - Overfire air - Small-scale modeling
Classification code:521.1 Fuel Combustion - 532 Metallurgical Furnaces - 631.1 Fluid Flow, General - 708.3 Superconducting Materials - 921.5 Optimization Techniques
DOI:10.1016/j.enconman.2013.12.012
Database:Compendex

<RECORD 18>

Accession number:20140517244377
Title:Control of stochastic resonance in overdamped fractional langevin equation
Authors:Zheng, Yongjun (1); Li, He (1); Deng, Bo (1); Lin, Min (1)
Author affiliation:(1) College of Metrology and Measurement Engineering, China Jiliang University, Hangzhou 310018, China

Source title:International Journal of Signal Processing, Image Processing and Pattern Recognition
Abbreviated source title:Int. J. Signal Process. Image Process. Pattern Recogn.
Volume:6
Issue:6
Issue date:2013
Publication year:2013
Pages:275-284
Language:English
ISSN:20054254
Document type:Journal article (JA)
Publisher:Science and Engineering Research Support Society, 20 Virginia Court, Sandy Bay, Tasmania, Australia
Number of references:14
Main heading:Circuit resonance
Controlled terms:Control - Differential equations - Magnetic resonance - Signal to noise ratio
Uncontrolled terms:Driving parameters - Fractional langevin equations - Fractional order - Noise intensities - Overdamped - Periodic signal - Signal to noise - Stochastic resonances
Classification code:701.2 Magnetism: Basic Concepts and Phenomena - 703.1.1 Electric Network Analysis - 716.1 Information Theory and Signal Processing - 731 Automatic Control Principles and Applications - 732 Control Devices - 921.2 Calculus
DOI:10.14257/ijsip.2013.6.6.25
Database:Compendex

<RECORD 19>

Accession number:20140517252948
Title:Development of dcELISA method for rapid detection of streptomycin residue in milk and honey
Authors:Xi, Xi (1); Zhang, Mingzhou (1); Li, Mujie (1); Gong, Yunfei (1); Wang, Minzi (3); Chen, Zonglun (3); Wang, Weifen (1)
Author affiliation:(1) College of Life Science, China JiLiang University, Hangzhou 310018, China; (2) Zhejiang Provincial Key Laboratory of Bio-metrology, Inspection and Quarantine, Hangzhou 310018, China; (3) Hangzhou DNA Scitech Co., LTD, Hangzhou 310018, 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:11
Issue date:November 2013
Publication year:2013
Pages:124-131
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:Antibiotics
Controlled terms:Food products
Uncontrolled terms:Correlation coefficient - dc-ELISA - Fast detections - Horseradish peroxidase - Limit of detection - Residual - Strepomycin - Structural analogue
Classification code:804.1 Organic Compounds - 822.3 Food Products
Database:Compendex

<RECORD 20>

Accession number:20140717315722

Title:Network-based control for offshore steel jacket platform subject to wave-induced force
Authors:Zhang, Bao-Lin (1); Zhang, Guan-Nan (1); Han, Qing-Long (2)
Author affiliation:(1) College of Science, China Jiliang University, Hangzhou, Zhejiang 310018, China; (2) Centre for Intelligent and Networked Systems, Central Queensland University, Rockhampton QLD 4702, Australia; (3) School of Engineering and Technology, Central Queensland University, Rockhampton QLD 4702, Australia
Corresponding author:Zhang, B.-L.(zhangbl2006@163.com)
Source title:IECON Proceedings (Industrial Electronics Conference)
Abbreviated source title:IECON Proc
Monograph title:Proceedings, IECON 2013 - 39th Annual Conference of the IEEE Industrial Electronics Society
Issue date:2013
Publication year:2013
Pages:5098-5102
Article number:6699962
Language:English
CODEN:IEPREA
ISBN-13:9781479902248
Document type:Conference article (CA)
Conference name:39th Annual Conference of the IEEE Industrial Electronics Society, IECON 2013
Conference date:November 10, 2013 - November 14, 2013
Conference location:Vienna, Austria
Conference code:102387
Sponsor:The Institute of Electrical and Electronics Engineers (IEEE); IEEE Industrial Electronics Society (IES); Austrian Institute of Technology (AIT); Vienna University of Technology (TU Vienna)
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:11
Main heading:Feedback control
Controlled terms:Drilling platforms - Industrial electronics - Offshore structures - State feedback
Uncontrolled terms:Control performance - Internal oscillation - Network-based control - Network-induced delays - Off shore platforms - State feedback controller - Steel jacket platforms - Wave-induced force
Classification code:674.2 Marine Drilling Rigs and Platforms - 714 Electronic Components and Tubes - 715 Electronic Equipment, General Purpose and Industrial - 716 Telecommunication; Radar, Radio and Television - 731.1 Control Systems
DOI:10.1109/IECON.2013.6699962
Database:Compendex

<RECORD 21>

Accession number:20140717315519
Title:Wave Attenuating delay-dependent H<inf>∞</inf> control for offshore platforms with parameter uncertainties
Authors:Zhang, Bao-Lin (1); Zhang, Yu (1); Tang, Gong-You (2)
Author affiliation:(1) College of Science, China Jiliang University, Hangzhou, Zhejiang 310018, China; (2) College of Information Science and Engineering, Ocean University of China, Qingdao 266100, China
Corresponding author:Zhang, B.-L.(zhangbl2006@163.com)
Source title:IECON Proceedings (Industrial Electronics Conference)
Abbreviated source title:IECON Proc
Monograph title:Proceedings, IECON 2013 - 39th Annual Conference of the IEEE Industrial Electronics Society
Issue date:2013
Publication year:2013
Pages:3836-3841
Article number:6699747
Language:English

CODEN:IEPREA
ISBN-13:9781479902248
Document type:Conference article (CA)
Conference name:39th Annual Conference of the IEEE Industrial Electronics Society, IECON 2013
Conference date:November 10, 2013 - November 14, 2013
Conference location:Vienna, Austria
Conference code:102387
Sponsor:The Institute of Electrical and Electronics Engineers (IEEE); IEEE Industrial Electronics Society (IES); Austrian Institute of Technology (AIT); Vienna University of Technology (TU Vienna)
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:10
Main heading:Controllers
Controlled terms:Drilling platforms - Industrial electronics - Offshore structures - System stability - Time delay
Uncontrolled terms:Control schemes - Delay-dependent - Nonlinear minimization - Off shore platforms - Parameter uncertainty - Steel jacket platforms - Uncertain time delay - Wave-induced vibrations
Classification code:732.1 Control Equipment - 731 Automatic Control Principles and Applications - 716 Telecommunication; Radar, Radio and Television - 961 Systems Science - 715 Electronic Equipment, General Purpose and Industrial - 713 Electronic Circuits - 674.2 Marine Drilling Rigs and Platforms - 714 Electronic Components and Tubes
DOI:10.1109/IECON.2013.6699747
Database:Compendex

<RECORD 22>

Accession number:20140517244721
Title:Variations in cadmium, mercury and copper accumulation among different rice cultivars in the Yangtse River Delta, China
Authors:He, Junyu (1); Ren, Yanfang (1); Zhu, Cheng (2); Jiang, Dean (3)
Author affiliation:(1) College of Agriculture, Guizhou University, Guiyang, China; (2) College of Life Science, China Jiliang University, Hangzhou, China; (3) College of Life Science, Zhejiang University, Hangzhou, China
Corresponding author:He, J.
Source title:Journal of Chemical and Pharmaceutical Research
Abbreviated source title:J. Chem. Pharm. Res.
Volume:5
Issue:12
Issue date:2013
Publication year:2013
Pages:49-53
Language:English
E-ISSN:09757384
Document type:Journal article (JA)
Publisher:Journal of Chemical and Pharmaceutical Research, 3/668 Malviya Nagar, Jaipur, Rajasthan, India
Number of references:20
Main heading:Chemical contamination
Controlled terms:Cadmium - Copper - Cultivation - Food safety - Grain (agricultural product) - Heavy metals - Mercury (metal) - Soil pollution
Uncontrolled terms:Copper accumulation - Daily intake - Field experiment - Human consumption - Polluted soils - Rice - Rice cultivars - Yangtse River
Classification code:822.3 Food Products - 821.4 Agricultural Products - 821.3 Agricultural Methods - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline Earth Metals - 544.1 Copper - 531 Metallurgy and Metallography - 454.2 Environmental Impact and Protection
Database:Compendex

<RECORD 23>

Accession number:20140717299125
Title:Low complexity MIMO MMSE iterative detection algorithm
Authors:Lou, Xizhong (1); Zhou, Qian (1); Chen, Yanmin (1)
Author affiliation:(1) Information Engineering College, China Jiliang University, HangZhou 310018, China
Source title:Proceedings - 2013 Wireless and Optical Communications Conference, WOCC 2013
Abbreviated source title:Proc. - Wirel. Opt. Commun. Conf., WOCC
Monograph title:Proceedings - 2013 Wireless and Optical Communications Conference, WOCC 2013
Issue date:2013
Publication year:2013
Pages:95-100
Article number:6676348
Language:English
ISBN-13:9781467356992
Document type:Conference article (CA)
Conference name:22nd Wireless and Optical Communications Conference, WOCC 2013
Conference date:May 16, 2013 - May 18, 2013
Conference location:Chongqing, China
Conference code:102423
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:13
Main heading:Iterative methods
Controlled terms:Algorithms - Detector circuits - Hardware - Lunar surface analysis - MIMO systems - Optical communication - Signal detection - Table lookup
Uncontrolled terms:Experimental simulations - Hardware implementations - Iterative detection - LLR - low complexity - Minimum mean square errors (MMSE) - MMSE - Multiple-input-multiple-output systems
Classification code:921.6 Numerical Methods - 921 Mathematics - 801 Chemistry - 723.1 Computer Programming - 961 Systems Science - 723 Computer Software, Data Handling and Applications - 716.1 Information Theory and Signal Processing - 713.3 Modulators, Demodulators, Limiters, Discriminators, Mixers - 605 Small Tools and Hardware - 717.1 Optical Communication Systems
DOI:10.1109/WOCC.2013.6676348
Database:Compendex

<RECORD 24>

Accession number:20140617265064
Title:A new fuzzy extreme learning machine for regression problems with outliers or noises
Authors:Zheng, Enhui (1); Liu, Jinyong (1); Lu, Huijuan (1); Wang, Ling (1); Chen, Le (1)
Author affiliation:(1) China Jiliang University, College of Mechanical and Electrical Engineering, Hangzhou 310018, Zhejiang Province, China
Corresponding author:Zheng, E.(ehzheng@cjlu.edu.cn)
Source title:Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)
Abbreviated source title:Lect. Notes Comput. Sci.
Volume:8347 LNAI
Issue:PART 2
Monograph title:Advanced Data Mining and Applications - 9th International Conference, ADMA 2013, Proceedings
Issue date:2013
Publication year:2013
Pages:524-534
Language:English
ISSN:03029743

E-ISSN:16113349
ISBN-13:9783642539169
Document type:Conference article (CA)
Conference name:9th International Conference on Advanced Data Mining and Applications, ADMA 2013
Conference date:December 14, 2013 - December 16, 2013
Conference location:Hangzhou, China
Conference code:102205
Sponsor:Zhejiang University, College of Computer; Science and Technology; Taizhou University, College of Mathematics; and Information Engineering; University of Technology Sydney, Advanced; Analytics Institute
Publisher:Springer Verlag, Tiergartenstrasse 17, Heidelberg, D-69121, Germany
Number of references:20
Main heading:Statistics
Controlled terms:Approximation algorithms - Benchmarking - Knowledge acquisition - Regression analysis - Support vector machines
Uncontrolled terms:Artificial datasets - Data mining community - Extreme learning machine - Fuzzy membership - Generalization performance - Outliers or noises - Predictive accuracy - Regression
Classification code:723 Computer Software, Data Handling and Applications - 723.4 Artificial Intelligence - 912 Industrial Engineering and Management - 913 Production Planning and Control; Manufacturing - 921 Mathematics - 922.2 Mathematical Statistics
DOI:10.1007/978-3-642-53917-6_47
Database:Compendex

<RECORD 25>

Accession number:20140717299299
Title:Process monitoring based on Kullback Leibler divergence
Authors:Zeng, Jiusun (1); Xie, Lei (2); Kruger, Uwe (3); Yu, Jie (4); Sha, Jingjing (2); Fu, Xuyi (1)
Author affiliation:(1) College of Metrology and Measurement Engineering, China Jiliang University, Hangzhou 310018, China; (2) Institute of Cyber Systems and Control, Zhejiang University, Hangzhou 310027, China; (3) Department of Mechanical and Industrial Engineering, Sultan Oaboos University, P. O. Box 33, Oman; (4) Department of Chemical Engineering, McMaster University, Hamilton L8S 4L7, Canada
Source title:2013 European Control Conference, ECC 2013
Abbreviated source title:Eur. Control Conf., ECC
Monograph title:2013 European Control Conference, ECC 2013
Issue date:2013
Publication year:2013
Pages:416-421
Article number:6669156
Language:English
ISBN-13:9783033039629
Document type:Conference article (CA)
Conference name:2013 12th European Control Conference, ECC 2013
Conference date:July 17, 2013 - July 19, 2013
Conference location:Zurich, Switzerland
Conference code:102424
Sponsor:The Bosch Group; Siemens; Buhler; Swiss National Science Foundation (SNSF); RUAG Aviation Engineering
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:24
Main heading:Estimation
Controlled terms:Gaussian noise (electronic) - Principal component analysis - Probability density function - Process monitoring
Uncontrolled terms:Application studies - Density-ratio estimations - Industrial processs - Kullback-Leibler divergence - Monitoring strategy - Non-Gaussian data - Number of samples -

Simulation example
Classification code:713 Electronic Circuits - 716 Telecommunication; Radar, Radio and Television - 731 Automatic Control Principles and Applications - 921 Mathematics - 922.2 Mathematical Statistics
Database:Compendex

<RECORD 26>

Accession number:20140717298969
Title:Compact ultra-wideband antenna with 3.5/5.5GHz dual band-notched characteristic
Authors:Wu, Jingfang (1); Li, Jiusheng (1)
Author affiliation:(1) Department of Electronic Engineering, China Jiliang University, Hangzhou 310018, China
Source title:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Abbreviated source title:IEEE Int. Symp. Microw., Antenna, Propag. EMC Technol. Wirel. Commun., MAPE
Monograph title:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Issue date:2013
Publication year:2013
Pages:446-450
Article number:6689843
Language:English
ISBN-13:9781467360777
Document type:Conference article (CA)
Conference name:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Conference date:October 29, 2013 - October 31, 2013
Conference location:Chengdu, China
Conference code:102421
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:6
Main heading:Ultra-wideband (UWB)
Controlled terms:Broadband networks - Directional patterns (antenna) - Frequency bands - Monopole antennas - Omnidirectional antennas - Wireless telecommunication systems
Uncontrolled terms:Band-notched characteristics - Band-rejection - Dual band-notched characteristics - Omnidirectional radiation pattern - Printed monopole antennas - Ultra wide-band antennas - Ultrawideband applications - UWB
Classification code:716 Telecommunication; Radar, Radio and Television - 716.3 Radio Systems and Equipment
DOI:10.1109/MAPE.2013.6689843
Database:Compendex

<RECORD 27>

Accession number:20140317214395
Title:Efficient local representations for three-dimensional palmprint recognition
Authors:Yang, Bing (1); Wang, Xiaohua (1); Yao, Jinliang (1); Yang, Xin (3); Zhu, Wenhua (1)
Author affiliation:(1) Hangzhou Dianzi University, Institute of Cognitive and Intelligent Computing, Xiasha Higher Education Zone, 310018 Hangzhou, China; (2) China Jiliang University, Xiasha Higher Education Zone, Xueyuan Street, 310018 Hangzhou, China; (3) Dalian University of Technology, Computer Science and Technology College, Linggong Road, Ganjingzi District, 116024 Dalian, China
Corresponding author:Wang, X.(wxh@cjlu.edu.cn)
Source title:Journal of Electronic Imaging

Abbreviated source title:J. Electron. Imaging
Volume:22
Issue:4
Issue date:October 2013
Publication year:2013
Article number:043040
Language:English
ISSN:10179909
E-ISSN:1560229X
CODEN:JEIME5
Document type:Journal article (JA)
Publisher:SPIE, P.O. Box 10, Bellingham, WA 98227-0010, United States
Number of references:39
Main heading:Three dimensional
Controlled terms:Anthropometry - Content based retrieval - Feature extraction
Uncontrolled terms:Complementary features - Feature fusion - Gabor wavelet features - Local binary patterns - local representation - Personal authentication - Shape indexes - Threedimensional (3-d)
Classification code:461.3 Biomechanics, Bionics and Biomimetics - 716 Telecommunication; Radar, Radio and Television - 741 Light, Optics and Optical Devices - 902.1 Engineering Graphics
DOI:10.1117/1.JEI.22.4.043040
Database:Compendex

<RECORD 28>

Accession number:20140717298964
Title:Dual-band microstrip antenna using mushroom-like EBG structure for WLAN
Authors:Wu, Di (1); Li, Jiusheng (1)
Author affiliation:(1) Department of Electronic Engineering, China Jiliang University, Hangzhou 310018, China
Source title:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Abbreviated source title:IEEE Int. Symp. Microw., Antenna, Propag. EMC Technol. Wirel. Commun., MAPE
Monograph title:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Issue date:2013
Publication year:2013
Pages:425-428
Article number:6689838
Language:English
ISBN-13:9781467360777
Document type:Conference article (CA)
Conference name:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Conference date:October 29, 2013 - October 31, 2013
Conference location:Chengdu, China
Conference code:102421
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:14
Main heading:Electric impedance
Controlled terms:Microstrip antennas - Wireless local area networks (WLAN) - Wireless telecommunication systems
Uncontrolled terms:Antenna measurement - Compact antenna - Dual band antennas - Dual-band operations - Mushroom-like ebg - Radiation behavior - Relative impedances - WLAN
Classification code:701.1 Electricity: Basic Concepts and Phenomena - 716 Telecommunication; Radar, Radio and Television - 717 Optical Communication - 723 Computer Software, Data Handling

and Applications
DOI:10.1109/MAPE.2013.6689838
Database:Compendex

<RECORD 29>

Accession number:20140517248467
Title:Similarity based sparse representation for classification
Authors:Zhang, Kai (1); Luo, Minxia (1)
Author affiliation:(1) Department of Mathematics, China Jiliang University, Hangzhou 310018, China
Corresponding author:Luo, M.(minxialuo@163.com)
Source title:Journal of Computational Information Systems
Abbreviated source title:J. Comput. Inf. Syst.
Volume:9
Issue:24
Issue date:December 15, 2013
Publication year:2013
Pages:9865-9873
Language:English
ISSN:15539105
Document type:Journal article (JA)
Publisher:Binary Information Press, P.O. Box 162, Bethel, CT 06801-0162, United States
Number of references:18
Main heading:Data handling
Controlled terms:Fuzzy logic - Knowledge acquisition - Learning systems
Uncontrolled terms:1-norm minimizations - Classification tasks - Data informations - Extreme learning machine - Fuzzy similarity - Sparse representation - Sparse representation based classifications - UCI repository
Classification code:721.1 Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory - 723.2 Data Processing and Image Processing - 723.4 Artificial Intelligence
DOI:10.12733/jcis8276
Database:Compendex

<RECORD 30>

Accession number:20140717298968
Title:Compact patch antenna for WiMAX application
Authors:Wu, Jingfang (1); Li, Jiusheng (1)
Author affiliation:(1) Department of Electronic Engineering, China Jiliang University, Hangzhou 310018, China
Source title:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Abbreviated source title:IEEE Int. Symp. Microw., Antenna, Propag. EMC Technol. Wirel. Commun., MAPE
Monograph title:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Issue date:2013
Publication year:2013
Pages:443-445
Article number:6689842
Language:English
ISBN-13:9781467360777
Document type:Conference article (CA)
Conference name:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013

Conference date:October 29, 2013 - October 31, 2013
Conference location:Chengdu, China
Conference code:102421
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:7
Main heading:Microstrip antennas
Controlled terms:Frequency bands - Wimax - Wireless telecommunication systems
Uncontrolled terms:Compact patch antenna - CSRR - High gain - Printed monopole antennas
Classification code:716 Telecommunication; Radar, Radio and Television - 717 Optical Communication
DOI:10.1109/MAPE.2013.6689842
Database:Compendex

<RECORD 31>

Accession number:20140417218827
Title:Critical thickness for ferroelectricity and magnetoelectric effect in multiferroic tunnel junction with symmetrical and asymmetrical electrodes
Authors:Cao, D. (1); Liu, B. (1); Yu, H.L. (3); Hu, W.Y. (1); Cai, M.Q. (1)
Author affiliation:(1) School of Physics and Microelectronics Science, Hunan University, Changsha 410082, Hunan, China; (2) College of Science, China Jiliang University, Hangzhou, Zhejiang 310083, China; (3) Department of Physics, Jiangsu Laboratory of Advanced Functional Materials, Changshu Institute of Technology, Changshu 215500, Jiangshu, China
Corresponding author:Cai, M.Q.(mqcai@hnu.edu.cn)
Source title:European Physical Journal B
Abbreviated source title:Eur. Phys. J. B
Volume:86
Issue:12
Issue date:December 2013
Publication year:2013
Article number:504
Language:English
ISSN:14346028
E-ISSN:14346036
Document type:Journal article (JA)
Publisher:Springer New York, 233 Spring Street, New York, NY 10013-1578, United States
Number of references:29
Main heading:Tunnel junctions
Controlled terms:Electrodes - Ferroelectricity - Magnetoelectric effects
Uncontrolled terms:Critical thickness - Ferroelectric polarization - Magnetoelectric couplings - Metallic electrodes - Multiferroics - Spin-electronic devices - Unit cells
Classification code:701.1 Electricity: Basic Concepts and Phenomena - 704.1 Electric Components - 932 High Energy Physics; Nuclear Physics; Plasma Physics
DOI:10.1140/epjb/e2013-40716-8
Database:Compendex

<RECORD 32>

Accession number:20140517253809
Title:Enhanced thermal conductivity of ethylene glycol-based suspensions in the presence of silver nanop1articles of various sizes and shapes
Authors:Fang, Xin (1); Ding, Qing (2); Fan, Li-Wu (1); Yu, Zi-Tao (1); Xu, Xu (4); Cheng, Guan-Hua (3); Hu, Ya-Cai (1); Cen, Ke-Fa (2)
Author affiliation:(1) Institute of Thermal Science and Power Systems, Zhejiang University, Hangzhou, Zhejiang 310027, China; (2) State Key Laboratory of Clean Energy Utilization, Zhejiang University, Hangzhou Zhejiang 310027, China; (3) Institute of Energy Engineering, College of

Metrological and Measurement Engineering, Jiliang University, Hangzhou, Zhejiang 310018, China; (4) Zhejiang Provincial Key Laboratory of Solar Energy Utilization and Energy Conservation Technologies, Zhejiang Energy and Radiation Institute, Hangzhou, Zhejiang 310012, China
Source title:ASME 2013 Heat Transfer Summer Conf. Collocated with the ASME 2013 7th Int. Conf. on Energy Sustainability and the ASME 2013 11th Int. Conf. on Fuel Cell Science, Engineering and Technology, HT 2013
Abbreviated source title:ASME Heat Transf. Summer Conf. Collocated ASME . Int. Conf. Energy Sustainability ASME Int. Conf. Fuel Cell Sci., Eng. Techno
Volume:1
Monograph title:ASME 2013 Heat Transfer Summer Conf. Collocated with the ASME 2013 7th Int. Conf. on Energy Sustainability and the ASME 2013 11th Int. Conf. on Fuel Cell Science, Engineering and Technology, HT 2013
Volume title:Heat Transfer in Energy Systems; Thermophysical Properties; Theory and Fundamental Research in Heat Transfer
Issue date:2013
Publication year:2013
Article number:V001T02A001
Language:English
ISBN-13:9780791855478
Document type:Conference article (CA)
Conference name:ASME 2013 Heat Transfer Summer Conference, HT 2013 Collocated with the ASME 2013 7th International Conference on Energy Sustainability and the ASME 2013 11th International Conference on Fuel Cell Science, Engineering and Technology
Conference date:July 14, 2013 - July 19, 2013
Conference location:Minneapolis, MN, United states
Conference code:102052
Sponsor:Heat Transfer Division
Publisher:American Society of Mechanical Engineers, 3 Park Avenue, New York, NY 10016-5990, United States
Number of references:18
Main heading:Silver
Controlled terms:Aspect ratio - Dispersions - Ethylene glycol - Fuel cells - Heat transfer - Nanofluidics - Nanoparticles - Polyols - Sustainable development - Thermal conductivity - Thermodynamic properties
Uncontrolled terms:Better performance - Elevated temperature - Enhanced thermal conductivity - High aspect ratio - Microscopy technique - Thermal conductivity enhancement - Thermal constant - Transient plane source techniques
Classification code:951 Materials Science - 943 Mechanical and Miscellaneous Measuring Instruments - 933 Solid State Physics - 911.2 Industrial Economics - 804.1 Organic Compounds - 761 Nanotechnology - 708 Electric and Magnetic Materials - 702.2 Fuel Cells - 641.2 Heat Transfer - 641.1 Thermodynamics - 547.1 Precious Metals
DOI:10.1115/HT2013-17175
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 33>

Accession number:20140717298965
Title:Compact spade-shaped antenna with a band-notched characteristic for UWB application
Authors:Di, Wu (1); Li, Jiu-Sheng (1)
Author affiliation:(1) Department of Electronic Engineering, China Jiliang University, Hangzhou 310018, China
Source title:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Abbreviated source title:IEEE Int. Symp. Microw., Antenna, Propag. EMC Technol. Wirel. Commun., MAPE
Monograph title:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Issue date:2013

Publication year:2013
Pages:429-431
Article number:6689839
Language:English
ISBN-13:9781467360777
Document type:Conference article (CA)
Conference name:2013 5th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, MAPE 2013
Conference date:October 29, 2013 - October 31, 2013
Conference location:Chengdu, China
Conference code:102421
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:5
Main heading:Ultra-wideband (UWB)
Controlled terms:Broadband networks - Directional patterns (antenna) - Electric impedance - Slot antennas - Wireless telecommunication systems
Uncontrolled terms:Band-notched characteristics - Band-rejection - Band-rejection characteristics - Measured impedance - Stopband - U-shaped slot - Ultra wide-band antennas - UWB applications
Classification code:701.1 Electricity: Basic Concepts and Phenomena - 716 Telecommunication; Radar, Radio and Television - 716.3 Radio Systems and Equipment
DOI:10.1109/MAPE.2013.6689839
Database:Compendex

<RECORD 34>

Accession number:20140617265060
Title:Cost-sensitive extreme learning machine
Authors:Zheng, Enhui (1); Zhang, Cong (1); Liu, Xueyi (2); Lu, Huijuan (3); Sun, Jian (1)
Author affiliation:(1) College of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou 310018, China; (2) Department of Mathematics, China Jiliang University, Hangzhou 310018, China; (3) College of Information Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Zheng, E.(ehzheng@cjlu.edu.cn)
Source title:Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)
Abbreviated source title:Lect. Notes Comput. Sci.
Volume:8347 LNAI
Issue:PART 2
Monograph title:Advanced Data Mining and Applications - 9th International Conference, ADMA 2013, Proceedings
Issue date:2013
Publication year:2013
Pages:478-488
Language:English
ISSN:03029743
E-ISSN:16113349
ISBN-13:9783642539169
Document type:Conference article (CA)
Conference name:9th International Conference on Advanced Data Mining and Applications, ADMA 2013
Conference date:December 14, 2013 - December 16, 2013
Conference location:Hangzhou, China
Conference code:102205
Sponsor:Zhejiang University, College of Computer; Science and Technology; Taizhou University, College of Mathematics; and Information Engineering; University of Technology Sydney, Advanced; Analytics Institute
Publisher:Springer Verlag, Tiergartenstrasse 17, Heidelberg, D-69121, Germany

Number of references:18
Main heading:Costs
Controlled terms:Classification (of information) - Diagnosis - Intrusion detection - Knowledge acquisition - Learning systems
Uncontrolled terms:Cost-sensitive - Extreme learning machine - Fast learning - Feed-forward network - Fraud detection - Generalization performance - Machine learning techniques - Optimal solutions
Classification code:461.6 Medicine and Pharmacology - 716.1 Information Theory and Signal Processing - 723 Computer Software, Data Handling and Applications - 723.4 Artificial Intelligence - 911 Cost and Value Engineering; Industrial Economics
DOI:10.1007/978-3-642-53917-6_43
Database:Compendex

<RECORD 35>

Accession number:20140717327350
Title:A reduction algorithm for the big data in 3d surface reconstruction
Authors:Zhao, Jianwei (1); Fu, Yanqing (1); Tan, Yuanpeng (1); Cao, Feilong (1)
Author affiliation:(1) Department of Mathematics, China Jiliang University, Hangzhou 310018, Zhejiang Province, China
Corresponding author:Cao, F.(feilongcao@gmail.com)
Source title:Proceedings - 2013 IEEE International Conference on Systems, Man, and Cybernetics, SMC 2013
Abbreviated source title:Proc. - IEEE Int. Conf. Syst., Man, Cybern., SMC
Monograph title:Proceedings - 2013 IEEE International Conference on Systems, Man, and Cybernetics, SMC 2013
Issue date:2013
Publication year:2013
Pages:4843-4847
Article number:6722579
Language:English
ISBN-13:9780769551548
Document type:Conference article (CA)
Conference name:2013 IEEE International Conference on Systems, Man, and Cybernetics, SMC 2013
Conference date:October 13, 2013 - October 16, 2013
Conference location:Manchester, United kingdom
Conference code:102429
Sponsor:IEEE; IEEE Systems, Man, and Cybernetics Society; State Grid Energy Research Institute; IET; Powerpeg
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:18
Main heading:Data handling
Controlled terms:Cybernetics - Digital storage - Radial basis function networks - Surface reconstruction
Uncontrolled terms:3D geometric model - 3D surface reconstruction - Big datum - Radial basis functions - Reduction algorithms - Regularization - Sparse regularizations - Sparsity
Classification code:722.1 Data Storage, Equipment and Techniques - 723.2 Data Processing and Image Processing - 723.4 Artificial Intelligence - 921 Mathematics - 943 Mechanical and Miscellaneous Measuring Instruments
DOI:10.1109/SMC.2013.824
Database:Compendex

<RECORD 36>

Accession number:20140517260731

Title:Plasmonics on fibers coated with metal nanoparticles
Authors:Albert, Jacques (1); Ianoul, Anatoli (2); Barry, Sean (2); Caucheteur, Christophe (3); Shao, Li-Yang (4)
Author affiliation:(1) Department of Electronics, Carleton University, 1125 Colonel By Drive, Ottawa ON, K1S 5B6, Canada; (2) Chemistry Department, Carleton University, Canada; (3) Electromagnetism and Telecommunications Dept., Université de Mons, 7000 Mons, Belgium; (4) Institute of Optoelectronics Technology, China Jiliang University, Hangzhou 310018, China
Source title:European Conference on Optical Communication, ECOC
Abbreviated source title:Eur Conf Opt Commun ECOC
Monograph title:2012 38th European Conference and Exhibition on Optical Communications, ECOC 2012
Issue date:2012
Publication year:2012
Article number:6706219
Language:English
CODEN:85MOAV
ISBN-13:9781557529503
Document type:Conference article (CA)
Conference name:2012 38th European Conference and Exhibition on Optical Communications, ECOC 2012
Conference date:September 16, 2012 - September 20, 2012
Conference location:Amsterdam, Netherlands
Conference code:102295
Publisher:Institute of Electrical and Electronics Engineers Inc., 445 Hoes Lane / P.O. Box 1331, Piscataway, NJ 08855-1331, United States
Number of references:6
Main heading:Plasmons
Controlled terms:Exhibitions - Fiber Bragg gratings - Optical communication
Uncontrolled terms:Cladding modes - Fiber surface - High-Q resonances - Nanoscale metals - Plasmonic effects - Plasmonics - Polarization state - Tilted fiber Bragg grating
Classification code:712.1 Semiconducting Materials - 717.1 Optical Communication Systems - 741.3 Optical Devices and Systems - 902.2 Codes and Standards
Database:Compendex

<RECORD 37>

Accession number:20140717323217
Title:Frequency tunable microwave generation based on a dual-wavelength single-longitudinal-mode fiber laser incorporating a phase-shifted grating
Authors:Jiang, Meng (1); Lin, Bo (1); Shum, Perry Ping (1); Tjin, Swee Chuan (1); Dong, Xinyong (2)
Author affiliation:(1) School of Electrical and Electronics Engineering, Nanyang Technological University, 637553 SG, Singapore; (2) Institute of Optoelectronic Technology, China Jiliang University, 310018, Hangzhou, China
Corresponding author:Shum, P.P.(shum@ieee.org)
Source title:Optics InfoBase Conference Papers
Abbreviated source title:Opt.InfoBase Conf. Papers
Monograph title:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2011
Issue date:2011
Publication year:2011
Pages:1142-1144
Language:English
E-ISSN:21622701
ISBN-13:9780977565771
Document type:Conference article (CA)
Conference name:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2011
Conference date:August 28, 2011 - September 1, 2011
Conference location:Sydney, Australia

Conference code:102605
Publisher:Optical Society of America, 2010 Massachusetts Ave, NW, Washington, DC, DC 20036-1023, United States
Number of references:8
Main heading:Phase shift
Controlled terms:Fiber Bragg gratings - Fiber lasers
Uncontrolled terms:Dual-wavelength - Erbium doped fiber laser - Phase shifted fiber bragg grating (PSFBG) - Phase-shifted gratings - Single longitudinal mode - Tunable microwave
Classification code:741.1.2 Fiber Optics - 741.3 Optical Devices and Systems - 942.2 Electric Variables Measurements
Database:Compendex

<RECORD 38>

Accession number:20140417235285
Title:A numerical investigation of constrained melting of nanostructure-enhanced phase change materials in a rectangular cavity heated from below
Authors:Fan, Li-Wu (1); Zhang, Liang (2); Yu, Zi-Tao (2); Xu, Xu (3); Hu, Ya-Cai (2); Cen, Ke-Fa (1)
Author affiliation:(1) State Key Laboratory of Clean Energy Utilization, Zhejiang University, Hangzhou, Zhejiang 310027, China; (2) Institute of Thermal Science and Power Systems, Zhejiang University, Hangzhou, Zhejiang 310027, China; (3) Institute of Energy Engineering, College of Metrological and Measurement Engineering, China Jiliang University, Hangzhou, Zhejiang 310018, China
Source title:ASME 2012 Heat Transfer Summer Conf. Collocated with the ASME 2012 Fluids Engineering Div. Summer Meeting and the ASME 2012 10th Int. Conf. on Nanochannels, Microchannels and Minichannels, HT 2012
Abbreviated source title:ASME Heat Transf. Summer Conf. Collocated ASME Fluids Eng. Div. Summer Meet. ASME Int. Conf. Nanochannels, Microchannels, M,
Volume:2
Monograph title:ASME 2012 Heat Transfer Summer Conf. Collocated with the ASME 2012 Fluids Engineering Div. Summer Meeting and the ASME 2012 10th Int. Conf. on Nanochannels, Microchannels and Minichannels, HT 2012
Volume title:Heat Transfer Enhancement for Practical Applications; Fire and Combustion; Multi-Phase Systems; Heat Transfer in Electronic Equipment; Low Temperature Heat Transfer; Computational Heat Transfer
Issue date:2012
Publication year:2012
Pages:283-290
Language:English
ISBN-13:9780791844786
Document type:Conference article (CA)
Conference name:ASME 2012 Heat Transfer Summer Conference Collocated with the ASME 2012 Fluids Engineering Div. Summer Meeting and the ASME 2012 10th Int. Conf. on Nanochannels, Microchannels and Minichannels, HT 2012
Conference date:July 8, 2012 - July 12, 2012
Conference location:Rio Grande, Puerto rico
Conference code:102016
Publisher:American Society of Mechanical Engineers, 3 Park Avenue, New York, NY 10016-5990, United States
Number of references:10
Main heading:Loading
Controlled terms:Cavity resonators - Finite volume method - Heat transfer - Melting - Metal melting - Microchannels - Nanostructures - Natural convection - Phase change materials - Thermal conductivity - Thermodynamic properties
Uncontrolled terms:Empirical equations - Enhanced thermal conductivity - Latent heat of fusion - Local heat transfer - Natural convection effects - Numerical investigations - Solid liquid phase change - Temperature contours

Classification code:761 Nanotechnology - 714.3 Waveguides - 672 Naval Vessels - 641.2 Heat Transfer - 641.1 Thermodynamics - 933 Solid State Physics - 631.1 Fluid Flow, General - 616 Heat Exchangers - 615 Thermoelectric, Magnetohydrodynamic and Other Power Generators - 604 Metal Cutting and Machining - 531.1 Metallurgy - 631 Fluid Flow
DOI:10.1115/HT2012-58027
Database:Compendex