Engineering Village

经检索“Engineering Village 2”， 以下论文被《Ei Compendex》收录。（检索时间 2014 年 6 月 11 日）。

<RECORD 1>

Accession number:20142217769270
Title:Characterization and activation of pyrolytic cooking oil tar from fast pyrolysis
Authors:Xie, Zheng-Wen (1)
Author affiliation:(1) Safety and Environment Institute, China Jiliang University, Hangzhou 310018, China
Corresponding author:Xie, Z.-W.(xiezhengwen@cjlu.edu.cn)
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:536-537
Monograph title:Advances in Mechatronics, Robotics and Automation II
Issue date:2014
Publication year:2014
Pages:1411-1416
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783038350781
Document type:Conference article (CA)
Conference name:2014 2nd International Conference on Mechatronics, Robotics and Automation, ICMRA 2014
Conference date:March 8, 2014 - March 9, 2014
Conference location:Zhuhai, China
Conference code:105245
Sponsor:Hong Kong Industrial Technology Research Centre; Inha University; Korea Maritime University
Publisher:Trans Tech Publications
Number of references:7
Main heading:Curve fitting
Controlled terms:Kinetics - Oils and fats - Pyrolysis - Reaction kinetics - Robotics - Tar - Testing - Thermogravimetric analysis - Wavelet transforms
Uncontrolled terms:Combustion characteristics - Gaussian smoothing - Kinetic analysis - Orthogonal test method - Smoothing - Smoothing algorithms - Thermo-gravimetric - Wavelet parameters
Classification code:411 Bituminous Materials - 423.2 Non Mechanical Properties of Building Materials: Test Methods - 513 Petroleum Refining - 524 Solid Fuels - 731.5 Robotics - 801 Chemistry - 802.2 Chemical Reactions - 804 Chemical Products Generally - 804.1 Organic Compounds - 921 Mathematics - 931 Classical Physics; Quantum Theory; Relativity
DOI:10.4028/www.scientific.net/AMM.536-537.1411
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 2>

Accession number:20142117743546
Title:Fast inter mode decision algorithm based on intelligent mode preselection with adaptive offset
Authors:Yin, Hai-Bing (1); Xu, Ning (1)
Author affiliation:(1) College of Information Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Yin, H.-B.(haibingyin@163.com)
Source title:Zhejiang Daxue Xuebao (Gongxue Ban)/Journal of Zhejiang University (Engineering Science)
Abbreviated source title:Zhejiang Daxue Xuebao (Gongxue Ban)

Volume:48
Issue:4
Issue date:April 2014
Publication year:2014
Pages:734-741
Language:Chinese
ISSN:1008973X
CODEN:CHHPDK
Document type:Journal article (JA)
Publisher:Zhejiang University
Number of references:11
Main heading:Image coding
Controlled terms:Algorithms - Video signal processing
Uncontrolled terms:Computation complexity - Fast inter mode decisions - Inter mode decision - Mode Decision - Performance trade-off - Pre-selection - Rate-distortion optimization - Statistics analysis
Classification code:716.4 Television Systems and Equipment - 723 Computer Software, Data Handling and Applications - 741 Light, Optics and Optical Devices - 921 Mathematics
DOI:10.3785/j.issn.1008-973X.2014.04.025
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 3>

Accession number:20142117736443
Title:Refractive index and temperature sensor based on double-pass M-Z interferometer with an FBG
Authors:Lu, Yanfang (1); Shen, Changyu (1); Zhong, Chuan (2); Chen, Debao (1); Dong, Xinyong (1); Cai, Jinhui (1)
Author affiliation:(1) College of Optoelectronic of China, Jiliang University, Hangzhou 310018, China; (2) School of Physics, Trinity College Dublin, Dublin, Ireland
Corresponding author:Cai, J.(caijinhui@cjlu.edu.cn)
Source title:IEEE Photonics Technology Letters
Abbreviated source title:IEEE Photonics Technol Lett
Volume:26
Issue:11
Issue date:June 1, 2014
Publication year:2014
Pages:1124-1127
Article number:6783790
Language:English
ISSN:10411135
CODEN:IPTLEL
Document type:Journal article (JA)
Publisher:Institute of Electrical and Electronics Engineers Inc.
Number of references:18
Main heading:Fiber Bragg gratings
Controlled terms:Fiber optic sensors - Fibers - Mach-Zehnder interferometers - Refractive index - Single mode fibers
Uncontrolled terms:Double pass - Interference patterns - Long Period Gratings - Machzehnder interferometers (MZI) - Optical fiber sensor - Refractive index sensor - Simultaneous measurement - Temperature measuring
Classification code:741 Light, Optics and Optical Devices - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications
DOI:10.1109/LPT.2014.2315804
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 4>

Accession number:20142117739225
Title:Tightness detecting technique for the valves of diaphragm gas meter based on chromatic confocal method
Authors:Hua, Jiacheng (1); Cuib, Ting (1); Jian, Li (1); Lid, Jiafu (1); Lie, Dongsheng (1)
Author affiliation:(1) College of Metrology and Measurement Engineering, China Jiliang University, 258 Xueyuan Rd, Hangzhou, 310018, China
Source title:Key Engineering Materials
Abbreviated source title:Key Eng Mat
Volume:609-610
Monograph title:Micro-Nano Technology XV
Issue date:2014
Publication year:2014
Pages:1170-1175
Language:English
ISSN:10139826
CODEN:KEMAEY
ISBN-13:9783038350712
Document type:Conference article (CA)
Conference name:15th Annual Conference and 4th International Conference of the Chinese Society of Micro-Nano Technology, CSMNT 2013
Conference date:November 3, 2013 - November 6, 2013
Conference location:Tianjin, China
Conference code:105106
Publisher:Trans Tech Publications Ltd
Number of references:8
Main heading:Diaphragms
Controlled terms:Coal gas - Gas meters - Mathematical models - Nanotechnology - Pneumatics - Surface roughness
Uncontrolled terms:Chromatic confocal sensors - Confocal method - Convolution algorithm - Diaphragm gas meters - Gastightness - Gaussian density function - Observational method - Quantitative detection
Classification code:522 Gas Fuels - 524 Solid Fuels - 601.2 Machine Components - 632.3 Pneumatics - 761 Nanotechnology - 921 Mathematics - 931.2 Physical Properties of Gases, Liquids and Solids
DOI:10.4028/www.scientific.net/KEM.609-610.1170
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 5>

Accession number:20142217769902
Title:Numerical simulation and experimental study on water mist fire suppression for cooking fog discharge pipe
Authors:Xie, Zheng Wen (1)
Author affiliation:(1) Safety and Environment Institute, China Jiliang University, Hangzhou 310018, China
Corresponding author:Xie, Z. W.(xiezw@aqsiq.gov.cn)
Source title:Advanced Materials Research
Abbreviated source title:Adv. Mater. Res.
Volume:915-916
Monograph title:Advanced Engineering Research
Issue date:2014
Publication year:2014
Pages:356-361
Language:English
ISSN:10226680
ISBN-13:9783038350798
Document type:Conference article (CA)
Conference name:2014 2nd International Forum on Mechanical and Material Engineering, IFMME

2014
Conference date:March 8, 2014 - March 9, 2014
Conference location:Zhuhai, China
Conference code:105248
Sponsor:Hong Kong Industrial Technology Research Centre; Inha University; Korea Maritime University
Publisher:Trans Tech Publications
Number of references:5
Main heading:Fire extinguishers
Controlled terms:Computer simulation - Computer software - Cooking - Nozzle design - Spray nozzles
Uncontrolled terms:Analog calculation - Fire suppression - Fire-extinguishing - Fire-extinguishing systems - Flow quantities - Injection angles - Orthogonal design method - Physics modeling
Classification code:631.1 Fluid Flow, General - 723 Computer Software, Data Handling and Applications - 723.5 Computer Applications - 822.2 Food Processing Operations - 914.2 Fires and Fire Protection
DOI:10.4028/www.scientific.net/AMR.915-916.356
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 6>

Accession number:IP53136220
Title:Phase filter design for sharper focus of radially polarized beam
Authors:Li, Jinsong (1); Feng, Ke (1); Guo, Ling (1)
Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Li, J.(lijinsongsong@yahoo.com.cn)
Source title:Optik
Abbreviated source title:Optik
Issue date:2014
Publication year:2014
Language:English
ISSN:00304026
Document type:Article in Press
Main heading:Optimization
Controlled terms:Cosine transforms - Energy utilization
Uncontrolled terms:Energy utilization ratio - Function parameters - Numerical calculation - Optimized filters - Phase-only filters - Radially polarized beam - Supper resolutions - Vector diffraction theory
Classification code:525.3 Energy Utilization - 921.3 Mathematical Transformations - 921.5 Optimization Techniques
DOI:10.1016/j.ijleo.2014.01.132
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 7>

Accession number:20142117743536
Title:Super-adiabatic characteristic of porous media combustion at different wave propagation direction
Authors:Ling, Zhong-Qian (1); Zhou, Hao (2); Kong, Jun-Jun (2)
Author affiliation:(1) College of Metrological Technology and Engineering, China Jiliang University, Hangzhou 310018, China; (2) State Key Laboratory of Clean Energy Utilization, Zhejiang University, Hangzhou 310027, China
Corresponding author:Zhou, H.(zhouhao@cmee.zju.edu.cn)
Source title:Zhejiang Daxue Xuebao (Gongxue Ban)/Journal of Zhejiang University (Engineering Science)
Abbreviated source title:Zhejiang Daxue Xuebao (Gongxue Ban)

Volume:48
Issue:4
Issue date:April 2014
Publication year:2014
Pages:660-665
Language:Chinese
ISSN:1008973X
CODEN:CHHPDK
Document type:Journal article (JA)
Publisher:Zhejiang University
Number of references:20
Main heading:Adiabatic flame temperature
Controlled terms:Combustors - Porous materials - Wave propagation
Uncontrolled terms:Combustion emissions - Combustion temperatures - Combustion wave propagation - Combustion waves - Operating condition - Operation conditions - Porous media combustions - Wave propagation direction
Classification code:521.1 Fuel Combustion - 521.2 Combustors - 711 Electromagnetic Waves - 951 Materials Science
DOI:10.3785/j.issn.1008-973X.2014.04.015
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 8>

Accession number:20142217769543
Title:Position sliding mode control of manipulator joint based on genetic algorithm
Authors:Zhou, Tao (1); Liang, Xi Feng (1)
Author affiliation:(1) College of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou, 310018, China
Source title:Advanced Materials Research
Abbreviated source title:Adv. Mater. Res.
Volume:912-914
Monograph title:Frontiers of Advanced Materials and Engineering Technology II
Issue date:2014
Publication year:2014
Pages:727-731
Language:English
ISSN:10226680
ISBN-13:9783038350774
Document type:Conference article (CA)
Conference name:2014 International Conference on Frontiers of Advanced Materials and Engineering Technology, FAMET 2014
Conference date:March 28, 2014 - March 29, 2014
Conference location:Hong kong
Conference code:105247
Sponsor:HongKong Control Engineering and Information; International Frontiers of science and; Science Research Association; technology Research Association; YaoWenli, Chongqing Xueya Conferences Co.,Ltd (China)
Publisher:Trans Tech Publications
Number of references:10
Main heading:Genetic algorithms
Controlled terms:Algorithms - Control systems - Engineering technology - Manipulators - Position control - Sliding mode control - Switching functions
Uncontrolled terms:Control performance - Controller outputs - External disturbances - Load change - Manipulator joints - Precise position - System restore - Trajectory tracking
Classification code:723 Computer Software, Data Handling and Applications - 731 Automatic Control Principles and Applications - 901 Engineering Profession - 902 Engineering Graphics; Engineering Standards; Patents - 921 Mathematics
DOI:10.4028/www.scientific.net/AMR.912-914.727

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

<RECORD 9>

Accession number:20142117752729
Title:Tunable continuous-wave terahertz radiation system based on photomixing
Authors:Shi, Tonglu (1); Liu, Jianjun (1); Hong, Zhi (1)
Author affiliation:(1) Centre for THz Research, China Jiliang University, Hangzhou, Zhejiang 310018, China
Corresponding author:Hong, Z.(hongzhi@cjlu.edu.cn)
Source title:Zhongguo Jiguang/Chinese Journal of Lasers
Abbreviated source title:Zhongguo Jiguang
Volume:41
Issue:4
Issue date:April 2014
Publication year:2014
Article number:0411001
Language:Chinese
ISSN:02587025
CODEN:ZHJIDO
Document type:Journal article (JA)
Publisher:Science Press
Number of references:21
Main heading:Terahertz wave detectors
Controlled terms:Electric fields - Electromagnetic wave emission - Imaging techniques - Microwave antennas - Semiconductor lasers - Signal to noise ratio - Spectroscopy - Terahertz waves
Uncontrolled terms:Continuous-wave terahertz - Continuous-wave terahertz radiations - Electric field intensities - External cavity semiconductor lasers - Multi-longitudinal modes - Photoconductive antennas - Photomixing - Signaltonoise ratio (SNR)
Classification code:701.1 Electricity: Basic Concepts and Phenomena - 711 Electromagnetic Waves - 714.2 Semiconductor Devices and Integrated Circuits - 716 Telecommunication; Radar, Radio and Television - 716.1 Information Theory and Signal Processing - 732.2 Control Instrumentation - 741 Light, Optics and Optical Devices - 746 Imaging Techniques - 801 Chemistry
DOI:10.3788/CJL201441.0411001
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 10>

Accession number:IP53134213
Title:Optimization and analysis of multi-layer diffractive optical elements in visible waveband
Authors:Li, Jinsong (1); Feng, Ke (1)
Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, Hangzhou 310018, PR China
Corresponding author:Li, J.(lijinsong@cjlu.edu.cn)
Source title:Optik
Abbreviated source title:Optik
Issue date:2014
Publication year:2014
Language:English
ISSN:00304026
Document type:Article in Press
Main heading:Optimization
Controlled terms:Density (optical) - Diffraction efficiency - Diffractive optical elements
Uncontrolled terms:Base material - Construction process - Initial point - Optimization programs - Visible waveband - Wavebands
Classification code:711 Electromagnetic Waves - 741 Light, Optics and Optical Devices - 743 Holography - 921.5 Optimization Techniques

DOI:10.1016/j.ijleo.2014.01.088
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 11>

Accession number:20142217769334
Title:Reliability analysis based on fuzzy comprehensive evaluation for cooking fire extinguishing system
Authors:Xie, Zheng Wen (1); Liang, Xiao Yu (1); Wang, Yu (1)
Author affiliation:(1) Safety and Environment Institute, China Jiliang University, Hangzhou 310018, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:536-537
Monograph title:Advances in Mechatronics, Robotics and Automation II
Issue date:2014
Publication year:2014
Pages:1721-1725
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783038350781
Document type:Conference article (CA)
Conference name:2014 2nd International Conference on Mechatronics, Robotics and Automation, ICMRA 2014
Conference date:March 8, 2014 - March 9, 2014
Conference location:Zhuhai, China
Conference code:105245
Sponsor:Hong Kong Industrial Technology Research Centre; Inha University; Korea Maritime University
Publisher:Trans Tech Publications
Number of references:8
Main heading:Oils and fats
Controlled terms:Fire extinguishers - Fires - Fog - Fuzzy set theory - Hazards - Industrial plants - Reliability analysis - Repair - Robotics - Thermal processing (foods)
Uncontrolled terms:Autoignition temperature - Comprehensive evaluation - Evaluation index system - Fire-extinguishing systems - Food processing plants - Fuzzy comprehensive evaluation - Industrial oil cookers - Mean time between failures
Classification code:402.1 Industrial and Agricultural Buildings - 443.1 Atmospheric Properties - 731.5 Robotics - 822.2 Food Processing Operations - 822.3 Food Products - 913 Production Planning and Control; Manufacturing - 913.5 Maintenance - 914.1 Accidents and Accident Prevention - 914.2 Fires and Fire Protection - 921.4 Combinatorial Mathematics, Includes Graph Theory, Set Theory
DOI:10.4028/www.scientific.net/AMM.536-537.1721
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 12>

Accession number:20142217764593
Title:Essential oil from Myrica rubra leaves inhibits cancer cell proliferation and induces apoptosis in several human intestinal lines
Authors:Langhasova, Lenka (1); Hanusova, Veronika (3); Rezek, Jan (1); Stohanslova, Barbora (2); Ambroz, Martin (2); Kralova, Vera (3); Vanek, Tomas (1); Lou, Ji Dong (4); Yun, Zhu Li (4); Yang, Jun (5); Skalova, Lenka (2)
Author affiliation:(1) Laboratory of Plant Biotechnologies, Institute of Experimental Botany, Czech Academy of Sciences, Rozvojová 263, Praha 6 CZ-165 02, Czech Republic; (2) Department of Biochemical Sciences, Faculty of Pharmacy, Charles University, Heyrovského 1203, Hradec Králové CZ-500 38, Czech Republic; (3) Department of Medical Biology and Genetics,

Charles University in Prague, Faculty of Medicine, Šimkova 870, Hradec Králové CZ-500 38, Czech Republic; (4) College of Life Sciences, China Jiliang University, Hangzhou 310018, Zhejiang, China; (5) China Tobacco Zhejiang Industrial. Co., Ltd., Zhongshan Nan Lu 77, Hangzhou 310012, Zhejiang, China
Corresponding author:Vanek, T.(vanek@ueb.cas.cz)
Source title:Industrial Crops and Products
Abbreviated source title:Ind. Crops Prod.
Volume:59
Issue date:August 2014
Publication year:2014
Pages:20-26
Language:English
ISSN:09266690
CODEN:ICRDEW
Document type:Journal article (JA)
Publisher:Elsevier
Number of references:28
Main heading:Essential oils
Controlled terms:Cell culture - Cell death - Cell proliferation - Cytotoxicity - Orchards
Uncontrolled terms:Adenocarcinoma cells - Antiproliferative effect - Chemical compositions - Hydrodistillations - Individual cells - Myrica rubra - Myrica rubra leaves - Real-time cell monitoring
Classification code:461.8 Biotechnology - 461.9 Biology - 804.1 Organic Compounds - 821.3 Agricultural Methods
DOI:10.1016/j.indcrop.2014.04.018
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 13>

Accession number:20142117743500
Title:LED-based spectrally tunable light source with optimized fitting
Authors:Yuan, Kun (1); Yan, Huimin (1); Jin, Shangzhong (2)
Author affiliation:(1) State Key Laboratory of Modern Optical Instrument, Zhejiang University, Hangzhou 310027, China; (2) College of Optical and Electronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Yuan, K.(10930014@zju.edu.cn)
Source title:Chinese Optics Letters
Abbreviated source title:Chin. Opt. Lett.
Volume:12
Issue:3
Issue date:March 2014
Publication year:2014
Article number:032301
Language:English
ISSN:16717694
Document type:Journal article (JA)
Publisher:Science Press
Number of references:14
Main heading:Light emitting diodes
Controlled terms:Data handling - Light sources - Mathematical models
Uncontrolled terms:Evaluation index - Gauss model - Multiple linear regressions - Peak wavelength - Rated currents - Spectral data - Spectral distribution - Spectrally tunable
Classification code:723.2 Data Processing and Image Processing - 741.1 Light/Optics - 744 Lasers - 921 Mathematics
DOI:10.3788/COL201412.032301
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 14>

Accession number:20142117743481
Title:Integral colorimeter based on compound LED illumination
Authors:Yuan, Kun (1); Yan, Huimin (1); Jin, Shangzhong (2)
Author affiliation:(1) State Key Laboratory of Modern Optical Instrument, Zhejiang University, Hangzhou 310027, China; (2) College of Optical and Electronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Yuan, K.(10930014@zju.edu.cn)
Source title:Chinese Optics Letters
Abbreviated source title:Chin. Opt. Lett.
Volume:12
Issue:2
Issue date:February 2014
Publication year:2014
Article number:023302
Language:English
ISSN:16717694
Document type:Journal article (JA)
Publisher:Science Press
Number of references:13
Main heading:Light emitting diodes
Controlled terms:Color - Colorimeters - Colorimetry - Design - Electric lamps - Experiments - Instruments - Light sources
Uncontrolled terms:LED illumination - LED light source - Measurement designs - Spectral response - Xenon lamps
Classification code:408 Structural Design - 707.2 Electric Lamps - 741.1 Light/Optics - 901.3 Engineering Research - 941 Acoustical and Optical Measuring Instruments - 942 Electric and Electronic Measuring Instruments - 943 Mechanical and Miscellaneous Measuring Instruments - 944 Moisture, Pressure and Temperature, and Radiation Measuring Instruments
DOI:10.3788/COL201412.023302
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 15>

Accession number:IP53143156
Title:Electrochemical performance of LiFePO<inf>4</inf>@C composites with biomorphic porous carbon loading and nano-core-shell structure
Authors:Gao, Peng-Zhao (1); Wang, Ling (1); Li, Dong-Yun (2); Yan, Bing (1); Gong, Wei-Wei (1)
Author affiliation:(1) College of Materials Science and Engineering, Hunan University, Changsha 410082, China; (2) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Gao, P.-Z.(gaopengzhao7602@hnu.edu.cn)
Source title:Ceramics International
Abbreviated source title:Ceram Int
Issue date:2014
Publication year:2014
Language:English
ISSN:02728842
CODEN:CINNDH
Document type:Article in Press
Main heading:Loading
Controlled terms:Amorphous carbon - Carbon carbon composites - Electric properties - Energy storage - Lithium alloys - Porous materials
Uncontrolled terms:Capacity reduction - Charge/discharge capacities - Conductive mechanisms - Conductive networks - Electric double layer - Electrochemical performance - Electrode reactions - Interfacial resistances
Classification code:415.4 Structural Materials Other Than Metal, Plastics or Wood - 549.1 Alkali Metals - 672 Naval Vessels - 701.1 Electricity: Basic Concepts and Phenomena - 702 Electric

Batteries and Fuel Cells - 813.2 Coating Materials - 951 Materials Science
DOI:10.1016/j.ceramint.2014.04.164
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 16>

Accession number:20142117743468
Title:Temperature-insensitive fiber cantilever vibration sensor based on a fiber-to-fiber structure
Authors:Xu, Ben (1); Li, Jianqing (1); Pan, Yuanyuan (1); Li, Yi (2); Dong, Xinyong (2)
Author affiliation:(1) Faculty of Information Technology, Macau University of Science and Technology, Avenida Wai Long, Taipa 999078, China; (2) College of Optical and Electronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Li, J.(jqli@must.edu.mo)
Source title:Chinese Optics Letters
Abbreviated source title:Chin. Opt. Lett.
Volume:12
Issue:2
Issue date:February 2014
Publication year:2014
Article number:020604
Language:English
ISSN:16717694
Document type:Journal article (JA)
Publisher:Science Press
Number of references:26
Main heading:Fibers
Controlled terms:Nanocantilevers - Optical fibers - Quartz - Sensors - Ventilation exhausts
Uncontrolled terms:Cantilever vibrations - Coupling condition - Deflection angles - High sensitivity - Response linearity - Temperature-insensitive - Transmission power - Wide dynamic range
Classification code:451.1 Air Pollution Sources - 482.2 Minerals - 741.1.2 Fiber Optics - 761 Nanotechnology - 801 Chemistry - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications - 933 Solid State Physics
DOI:10.3788/COL201412.020604
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 17>

Accession number:20142117743280
Title:A terahertz metamaterial analog of electromagnetically induced transparency
Authors:Han, Hao (1); Wu, Dongwei (1); Liu, Jianjun (1); Hong, Zhi (1)
Author affiliation:(1) Centre for Teraherz Research, China Jiliang University, Hangzhou, Zhejiang 310018, China
Corresponding author:Hong, Z.(hongzhi@cjlu.edu.cn)
Source title:Guangxue Xuebao/Acta Optica Sinica
Abbreviated source title:Guangxue Xuebao
Volume:34
Issue:4
Issue date:April 2014
Publication year:2014
Article number:0423003
Language:Chinese
ISSN:02532239
CODEN:GUXUDC
Document type:Journal article (JA)
Publisher:Chinese Optical Society
Number of references:14
Main heading:Quantum optics

Controlled terms:Metamaterials - Optical devices - Q factor measurement - Resonators - Ring gages - Wire
Uncontrolled terms:Destructive interference - Electromagnetically induced transparency - Polyimide substrate - Split-ring resonator - Teraherz - THz time domain spectroscopy - Transmission characteristics - Transmission property
Classification code:535.2 Metal Forming - 741.1 Light/Optics - 741.3 Optical Devices and Systems - 942.2 Electric Variables Measurements - 943.3 Special Purpose Instruments - 951 Materials Science
DOI:10.3788/AOS201434.0423003
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 18>

Accession number:20142117737695
Title:Motion of spiral tip driven by local forcing in excitable media
Authors:Liu, Gui-Quan (1); Ying, He-Ping (1)
Author affiliation:(1) Zhejiang Institute of Modern Physics, Department of Physics, Zhejiang University, Hangzhou 310027, China; (2) College of Science, China Jiliang University, Hangzhou 310018, China
Corresponding author:Liu, G.-Q.(gqliu@zju.edu.cn)
Source title:Chinese Physics B
Abbreviated source title:Chin. Phys.
Volume:23
Issue:5
Issue date:May 2014
Publication year:2014
Article number:050502
Language:English
ISSN:16741056
Document type:Journal article (JA)
Publisher:Institute of Physics Publishing
Number of references:42
Main heading:Deformation
Controlled terms:Waves
Uncontrolled terms:Excitable media - Excitable medium - Local forcing - Periodic forcing - resonant drift - Spiral waves - weak deformation approximation
Classification code:421 Strength of Building Materials; Mechanical Properties - 422 Strength of Building Materials; Test Equipment and Methods - 711 Electromagnetic Waves
DOI:10.1088/1674-1056/23/5/050502
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 19>

Accession number:20142117744654
Title:Synthesis and characterization of biomedical properties of sputtered micro-nano Nb coatings
Authors:Shi, Yuanchi (1); Zhang, Gaohui (1); Li, Gen (1); Xu, Peng (1)
Author affiliation:(1) China Jiliang University, Hangzhou 310018, China
Corresponding author:Zhang, G.(gyzhanggh@163.com)
Source title:Zhenkong Kexue yu Jishu Xuebao/Journal of Vacuum Science and Technology
Abbreviated source title:Zhenkong Kexue yu Jishu Xuebao
Volume:34
Issue:4
Issue date:April 2014
Publication year:2014
Pages:358-362
Language:Chinese
ISSN:16727126
CODEN:CKKSDV

Document type:Journal article (JA)
Publisher:Science Press
Number of references:26
Main heading:Coatings
Controlled terms:Atomic force microscopy - Corrosion resistance - Crystal structure - Deposition - Magnetron sputtering - Mechanical properties - Niobium - Stresses - X ray diffraction
Uncontrolled terms:Biomedical properties - Dc magnetron sputtering - Deposition conditions - Mechanical probes - Microstructures and mechanical properties - Room temperature - Sputtering power - Synthesis and characterizations
Classification code:421 Strength of Building Materials; Mechanical Properties - 539 Metals Corrosion and Protection; Metal Plating - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline Earth Metals - 741.3 Optical Devices and Systems - 801.4 Physical Chemistry - 931.3 Atomic and Molecular Physics - 951 Materials Science
DOI:10.3969/j.issn.1672-7126.2014.04.09
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 20>

Accession number:IP53135785
Title:Tunable dual-wavelength terahertz wave power splitter
Authors:Li, Jiu-sheng (1)
Author affiliation:(1) Centre for THz Research, China Jiliang University, Hangzhou 310018, China
Corresponding author:Li, J.-s.(forever-li@126.com)
Source title:Optik
Abbreviated source title:Optik
Issue date:2014
Publication year:2014
Language:English
ISSN:00304026
Document type:Article in Press
Main heading:Wave power
Controlled terms:Finite difference time domain method - Laser optics - Refractive index - Terahertz waves - Time domain analysis
Uncontrolled terms:Dual-wavelength - Finite-difference time-domain (FDTD) methods - Input power - Multimode interference effects - Photonic crystal waveguide - Plane wave expansion method - Power splitters - Self imaging
Classification code:615.6 Wave Energy - 711 Electromagnetic Waves - 741.1 Light/Optics - 921 Mathematics
DOI:10.1016/j.ijleo.2014.02.009
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 21>

Accession number:20142217769622
Title:A new algorithm of image registration based on contour feature
Authors:Song, Fu Hua (1); Li, Peng Hui (1); Deng, Jian Ran (1)
Author affiliation:(1) College of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou, 310018, China
Source title:Advanced Materials Research
Abbreviated source title:Adv. Mater. Res.
Volume:912-914
Monograph title:Frontiers of Advanced Materials and Engineering Technology II
Issue date:2014
Publication year:2014
Pages:1092-1097
Language:English
ISSN:10226680

ISBN-13:9783038350774
Document type:Conference article (CA)
Conference name:2014 International Conference on Frontiers of Advanced Materials and Engineering Technology, FAMET 2014
Conference date:March 28, 2014 - March 29, 2014
Conference location:Hong kong
Conference code:105247
Sponsor:HongKong Control Engineering and Information; International Frontiers of science and; Science Research Association; technology Research Association; YaoWenli, Chongqing Xueya Conferences Co.,Ltd (China)
Publisher:Trans Tech Publications
Number of references:9
Main heading:Algorithms
Controlled terms:Engineering technology - Graphic methods - Image registration
Uncontrolled terms:Closed contours - Contour - Contour features - Fast image registration - High robustness - Image registration algorithm - Normal angle - Rotation angles
Classification code:723 Computer Software, Data Handling and Applications - 901 Engineering Profession - 902 Engineering Graphics; Engineering Standards; Patents - 902.1 Engineering Graphics - 921 Mathematics
DOI:10.4028/www.scientific.net/AMR.912-914.1092
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 22>

Accession number:20142117752717
Title:Study of a quasi-distributed optical fiber sensing system based on ultra-weak fiber Bragg gratings
Authors:Zhang, Caixia (1); Zhang, Zhenwei (1); Zheng, Wanfu (1); Liu, Xiaohang (1); Li, Yi (1); Dong, Xinyong (1)
Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, Hangzhou, Zhejiang 310018, China
Corresponding author:Li, Y.(yli@cjlu.edu.cn)
Source title:Zhongguo Jiguang/Chinese Journal of Lasers
Abbreviated source title:Zhongguo Jiguang
Volume:41
Issue:4
Issue date:April 2014
Publication year:2014
Article number:0405004
Language:Chinese
ISSN:02587025
CODEN:ZHJIDO
Document type:Journal article (JA)
Publisher:Science Press
Number of references:11
Main heading:Fiber Bragg gratings
Controlled terms:Fiber optics - Sensors - Temperature measurement - Time domain analysis
Uncontrolled terms:Central wavelength - Optical fiber sensing - Optical time domain reflectometry techniques - Quasi-distributed - Quasi-distributed sensing - Reflection gratings - Sensing systems - Wavelength tunable lasers
Classification code:741.1.2 Fiber Optics - 741.3 Optical Devices and Systems - 801 Chemistry - 921 Mathematics - 944.6 Temperature Measurements
DOI:10.3788/CJL201441.0405004
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 23>

Accession number:20142117743262
Title:Ultra compact cross-order arrayed waveguide grating triplexer based on SU-8 polymer
Authors:Lang, Tingting (1); Lü, Fei (1); Zou, Jun (2); Xia, Xiang (2); Jin, Li (3)
Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, Hangzhou, Zhejiang 310018, China; (2) Centre for Integrated Optoelectronics, State Key Laboratory of Modern Optical Instrumentation, Zhejiang University, Hangzhou, Zhejiang 310027, China; (3) Centre for Optical and Electromagnetic, State Key Laboratory of Modern Optical Instrumentation, Zhejiang University, Hangzhou, Zhejiang 310023, China
Corresponding author:Lang, T.(langtingting@cjlu.edu.cn)
Source title:Guangxue Xuebao/Acta Optica Sinica
Abbreviated source title:Guangxue Xuebao
Volume:34
Issue:4
Issue date:April 2014
Publication year:2014
Article number:0413001
Language:Chinese
ISSN:02532239
CODEN:GUXUDC
Document type:Journal article (JA)
Publisher:Chinese Optical Society
Number of references:15
Main heading:Arrayed waveguide gratings
Controlled terms:Integrated optics - Multiplexing equipment - Photolithography - Polymers
Uncontrolled terms:Cross-order - Operating wavelength - Polarization dependence - SU-8 polymer - Transverse magnetic polarization - Triplexers - Ultraviolet photolithography - Wavelength channels
Classification code:714.2 Semiconductor Devices and Integrated Circuits - 716 Telecommunication; Radar, Radio and Television - 717 Optical Communication - 718 Telephone Systems and Related Technologies; Line Communications - 741.3 Optical Devices and Systems - 815.1 Polymeric Materials
DOI:10.3788/AOS201434.0413001
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 24>

Accession number:20142217759215
Title:Lanthanide-doped NaGdF<inf>4</inf> core-shell nanoparticles for non-contact self-referencing temperature sensors
Authors:Zheng, Shuhong (1); Chen, Weibo (1); Tan, Dezhi (1); Zhou, Jiajia (2); Guo, Qiangbing (1); Jiang, Wei (1); Xu, Cheng (1); Liu, Xiaofeng (1); Qiu, Jianrong (1)
Author affiliation:(1) State Key Laboratory of Silicon Materials, Department of Materials Science and Engineering, Zhejiang University, Hangzhou, Zhejiang 310027, China; (2) College of Materials Science and Engineering, China Jiliang University, Hangzhou, Zhejiang 310018, China; (3) State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou, Guangdong 510640, China
Corresponding author:Liu, X.(xfliu@zju.edu.cn)
Source title:Nanoscale
Abbreviated source title:Nanoscale
Volume:6
Issue:11
Issue date:June 7, 2014
Publication year:2014
Pages:5675-5679
Language:English
ISSN:20403364
E-ISSN:20403372
Document type:Journal article (JA)
Publisher:Royal Society of Chemistry
Number of references:31

Main heading:Ytterbium
Controlled terms:Temperature sensors
Uncontrolled terms:Core-shell nanoparticles - Core-shell nanostructures - Near-infrared lasers - Non-contact - Self-referencing
Classification code:547.2 Rare Earth Metals - 732 Control Devices
DOI:10.1039/c4nr00432a
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 25>

Accession number:20142117743683
Title:Apple bruise detect with hyperspectral imaging technique
Authors:Zhou, Rui (1); Ye, Manping (1); Chen, Huacai (1)
Author affiliation:(1) Zhejiang Province Modern Measurement Instrument and Technology Key Laboratory, College of Optical and Electronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Chen, H.(cjluoptic@163.com)
Source title:Chinese Optics Letters
Abbreviated source title:Chin. Opt. Lett.
Volume:12
Issue:SUPPL.1
Issue date:April 2014
Publication year:2014
Article number:S11101
Language:English
ISSN:16717694
Document type:Journal article (JA)
Publisher:Science Press
Number of references:12
Main heading:Fruits
Controlled terms:Image processing - Imaging techniques - Independent component analysis - Losses - Spectroscopy
Uncontrolled terms:Discrimination accuracy - Fast detections - Hyper-spectral images - Hyperspectral imaging techniques - Image processing technique - Movable platforms - Spatial clustering - Spectral angle mappers
Classification code:723.4 Artificial Intelligence - 741 Light, Optics and Optical Devices - 746 Imaging Techniques - 801 Chemistry - 821.4 Agricultural Products - 911.2 Industrial Economics
DOI:10.3788/COL201412.S11101
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 26>

Accession number:20142217762172
Title:Estimating volatility of stock trade prices
Authors:Sun, Jianming (1)
Author affiliation:(1) School of Economics and Management, China Jiliang University, 310018, China
Corresponding author:Sun, J.
Source title:Quantitative Analysis Technology and Related Engineering Applications: Conference Proceedings of 2009 International Institute of Applied Statistics Studies, IIASS 2009
Abbreviated source title:Quant. Anal. Technol. and Relat. Eng. Appl.
Monograph title:Conference Proceedings of 2009 International Institute of Applied Statistics Studies : Quantitative Analysis Technology and Related Engineering Applications, IIASS 2009
Issue date:2009
Publication year:2009
Pages:972-975
Language:English

Document type:Conference article (CA)
Conference name:2009 Conference on International Institute of Applied Statistics Studies, IIASS 2009
Conference date:July 1, 2009 - July 3, 2009
Conference location:Qingdao, China
Conference code:105057
Sponsor:Applied Statistics Institute of Shandong Province
Publisher:Aussino Academic Publishing House (AAPH)
Number of references:6
Main heading:Estimation
Controlled terms:Random processes
Uncontrolled terms:Arrival time - Counting process - Density estimator - Marked point process - Point process - Stock transaction - Volatility - Wiener process
Classification code:921 Mathematics - 922.1 Probability Theory
Database:Compendex
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