



经检索“Engineering Village 2”，以下论文被《Ei Compendex》收录。（检索时间 2014 年 4 月 29 日）。

<RECORD 1>

Accession number:20141517560324

Title:Structure characterization and SARs of pumpkin oligosaccharide with the hypoglycemic effect

Authors:Zhang, Yongjun (1); Zhang, Gaofan (1); Su, Dongyang (1); Jin, Hui (1); Chen, Ping (1); Zhu, Liyun (1); Li, Jia (1); Yao, Huiyuan (2)

Author affiliation:(1) College of Life Sciences, China Jiliang University, Hangzhou 310018, China; (2) School of Food Science and Technology, Southern Yangtze University, Wuxi 214036, China

Corresponding author:Zhang, Y.

Source title:Journal of Chinese Institute of Food Science and Technology

Abbreviated source title:J. Chin. Inst. Food Sci. Technol.

Volume:14

Issue:2

Issue date:February 2014

Publication year:2014

Pages:292-297

Language:Chinese

ISSN:10097848

Document type:Journal article (JA)

Publisher:Chinese Institute of Food Science and Technology

Number of references:12

Main heading:Oligosaccharides

Controlled terms:Alcohols - Glucosamine - Polyols - Solvent extraction

Uncontrolled terms:Biological effects - Hypoglycemic effect - Molecular compositions - Smith degradation - Structural characterization - Structure and activities - Structure characterization - Water extraction

Classification code:802.3 Chemical Operations - 804.1 Organic Compounds

Database:Compendex

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<RECORD 2>

Accession number:20141617573408

Title:Near-mid infrared emission in Ce<sup>3+</sup> and Tm<sup>3+</sup> co-doped oxyfluoride glasses by excited at different wavelengths light

Authors:Chen, Ping (1); Zhou, Jiajia (2); Fang, Zaijin (3); Wang, Juechen (1); Xu, Beibei (1); Tan, Dezhi (1); Khisro, Said Nasir (1); Qiu, Jianrong (1)

Author affiliation:(1) Department of Materials Science and Engineering, Zhejiang University, Hangzhou 310027, China; (2) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China; (3) State Key Laboratory of Luminescent Materials, South China University of Technology, Guangzhou 510640, China

Corresponding author:Qiu, J.(qjr@zju.edu.cn)

Source title:Journal of Non-Crystalline Solids

Abbreviated source title:J Non Cryst Solids

Volume:391

Issue date:May 1, 2014

Publication year:2014

Pages:49-53

Language:English

ISSN:00223093

CODEN:JNCSBJ

Document type:Journal article (JA)

Publisher:Elsevier

Number of references:35

Main heading:Glass

Controlled terms:Emission spectroscopy - Energy transfer - Spectroscopy

Uncontrolled terms:Fluorescence decays - Generation mechanism - Ligand field theory - Oxy-fluoride glass - Sunlight - Time-resolved emission spectra - Ultraviolet region - Visible and near infrared

Classification code:641.2 Heat Transfer - 801 Chemistry - 812.3 Glass

DOI:10.1016/j.jnoncrysol.2014.03.011

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 3>

Accession number:20141617583702

Title:Birefringence compensated silicon nanowire arrayed waveguide grating for CWDM optical interconnects

Authors:Zou, Jun (1); Xia, Xiang (1); Chen, Guanting (1); Lang, Tingting (2); He, Jian-Jun (1)

Author affiliation:(1) State Key Laboratory of Modern Optical Instrumentation, Department of Optical Engineering, Zhejiang University, Hangzhou 310027, China; (2) College of Optical and Electronic Technology, China Jiliang University, Hangzhou 310018, China

Corresponding author:He, J.-J.(jjhe@zju.edu.cn)

Source title:Optics Letters

Abbreviated source title:Opt. Lett.

Volume:39

Issue:7

Issue date:April 1, 2014

Publication year:2014

Pages:1834-1837

Language:English

ISSN:01469592

E-ISSN:15394794

CODEN:OPLEDP

Document type:Journal article (JA)

Publisher:Optical Society of America

Number of references:13

Main heading:Diffraction gratings

Controlled terms:Arrayed waveguide gratings - Birefringence - Nanowires - Optical interconnects - Polarization - Silicon

Uncontrolled terms:Birefringence compensation - Channel response - Coarse wavelength division multiplexing - Compensated silicon - Diffraction orders - Silicon nanowires - TE polarizations - Wavelength shift

Classification code:712.1.1 Single Element Semiconducting Materials - 741.1 Light/Optics - 741.3 Optical Devices and Systems - 761 Nanotechnology - 933 Solid State Physics

DOI:10.1364/OL.39.001834

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 4>

Accession number:20141117453736

Title:Effects of surface deposition on quenching boiling of aqueous suspension with graphene oxide nanosheets

Authors:Dong, Feiyong (1); Li, Danyang (1); Zhang, Liang (1); Fan, Liwu (1); Xu, Xu (2); Yu, Zitao (1); Hu, Yacai (1)

Author affiliation:(1) Institute of Thermal Science and Power Systems, Zhejiang University, Hangzhou 310027, Zhejiang, China; (2) College of Metrological and Measurement Engineering, China Jiliang University, Hangzhou 310018, Zhejiang, China

Corresponding author:Fan, L.(liwufan@zju.edu.cn)

Source title:Huagong Xuebao/CIESC Journal

Abbreviated source title:Huagong Xuebao

Volume:65

Issue:2

Issue date:February 2014

Publication year:2014

Pages:628-632

Language:Chinese

ISSN:04381157

CODEN:HUKHAI

Document type:Journal article (JA)

Publisher:Chemical Industry Press

Number of references:17

Main heading:Phase transitions

Controlled terms:Contact angle - Deionized water - Deposition - Graphene - Heat flux - Quenching - Suspensions (fluids)

Uncontrolled terms:Aqueous suspensions - Critical heat flux(CHF) - Graphene oxide nanosheets - Heat transfer rate - Quenching boiling - Representative case - Surface deposition - Transition boiling

Classification code:445.1 Water Treatment Techniques - 537.1 Heat Treatment Processes - 631.1.1 Liquid Dynamics - 641.1 Thermodynamics - 641.2 Heat Transfer - 761 Nanotechnology - 804

Chemical Products Generally - 813.1 Coating Techniques

DOI:10.3969/j.issn.0438-1157.2014.02.037

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 5>

Accession number:20141117459580

Title:Optimization of hydrolysis conditions for iron binding peptides production from shrimp processing byproducts

Authors:Huang, G.R. (1); Ren, Z.Y. (1); Jiang, J.X. (1)

Author affiliation:(1) Department of Food Science, College of Life Sciences, China Jiliang University, Xiasha High Education Area, 310018, Hangzhou, Zhejiang Province, China

Corresponding author:Huang, G. R.

Source title:American Journal of Food Technology

Abbreviated source title:Am. J. Food Technol.

Volume:9

Issue:1

Issue date:2014

Publication year:2014

Pages:49-55

Language:English

ISSN:15574571

E-ISSN:1557458X

Document type:Journal article (JA)

Publisher:Science Publications

Number of references:25

Main heading:Iron research

Controlled terms:Byproducts - Enzymatic hydrolysis - Iron - Optimization - Peptides - Shellfish

Uncontrolled terms:Enzymatic hydrolysis conditions - Enzyme concentrations - Evaluating indicators - Factorial experiment - Hydrolysis conditions - Iron binding - Response surface methodology - Shrimp heads

Classification code:461.9 Biology - 545.1 Iron - 804 Chemical Products Generally - 804.1 Organic Compounds - 921.5 Optimization Techniques

DOI:10.3923/ajft.2014.49.55

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 6>

Accession number:20141517560252

Title:Effects of tea polyphenols on preservation mechanism of myofibrillar protein from large yellow croaker

Authors:Lv, Weijin (1); Zhao, Jin (1); Wang, Jinlin (1); Li, Jianrong (1)

Author affiliation:(1) Food Safety Key Lab of Zhejiang Province, College of Food Science and Biotechnology, Zhejiang Gongshang University, Hangzhou 310035, China; (2) Zhejiang Marine Food Processing Quality Control Techniques and Instrumentation Engineering Lab., College of Life Science, China Jiliang University, Hangzhou 310018, China; (3) Food Safety Key Lab of Liaoning Province, Food Science Research Institute of Bohai University, Jinzhou 121013, Liaoning, China

Corresponding author:Li, J.

Source title:Journal of Chinese Institute of Food Science and Technology

Abbreviated source title:J. Chin. Inst. Food Sci. Technol.

Volume:14

Issue:1

Issue date:January 2014

Publication year:2014

Pages:60-67

Language:Chinese

ISSN:10097848

Document type:Journal article (JA)

Publisher:Chinese Institute of Food Science and Technology

Number of references:20

Main heading:Proteins

Controlled terms:Fish - Gels - Textures

Uncontrolled terms:Gel properties - Large yellow croaker fillet - Myofibrillar proteins - SDS-PAGE - Tea polyphenols

Classification code:461 Bioengineering and Biology - 471 Marine Science and Oceanography - 804 Chemical Products Generally - 804.1 Organic Compounds - 821 Agricultural Equipment and Methods; Vegetation and Pest Control - 822 Food Technology - 933 Solid State Physics

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 7>

Accession number:20141517559816

Title:Sintering behavior and microwave dielectric properties of  $\text{CaMgSi}_2\text{O}_6$  ceramics with  $\text{Al}_2\text{O}_3$  addition

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

Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China; (2) School of Mechanical and Automotive Engineering, Zhejiang University of Science and Technology, Hangzhou 310012, China

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

Source title:Materials Research Bulletin

Abbreviated source title:Mater Res Bull

Volume:54

Issue date:June 2014

Publication year:2014

Pages:66-72

Language:English

ISSN:00255408

CODEN:MRBUAC

Document type:Journal article (JA)

Publisher:Elsevier Ltd

Number of references:39

Main heading:Aluminum

Controlled terms:Calcium - Ceramic materials - Dielectric properties - Microstructure - Silicon - Sintering

Uncontrolled terms:A. Ceramics - Composite ceramic - Liquid Phase - Microwave dielectric

properties - O vacancies - Sintering behaviors - Sintering process - Solubility limits  
Classification code:541.1 Aluminum - 549.2 Alkaline Earth Metals - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline Earth Metals - 701 Electricity and Magnetism - 812.1 Ceramics - 812.2 Refractories - 933 Solid State Physics - 951 Materials Science  
DOI:10.1016/j.materresbull.2014.03.014  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 8>

Accession number:IP53090019  
Title:Mid-infrared fluorescence of  $Y_2O_3$  and  $Nb_2O_5$  modified germanate glasses doped with  $Er^{3+}$  pumped by 808 nm LD  
Authors:Wei, Tao (1); Chen, Fangze (1); Jing, Xufeng (2); Tian, Ying (1); Wang, Fengchao (1); Xu, Shiqing (1)  
Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, PR China; (2) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, PR China  
Corresponding author:Tian, Y.(tianyingcjl@163.com)  
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:Optical parametric oscillators  
Controlled terms:Emission spectroscopy - Energy transfer - Erbium - Glass - Infrared devices - Niobium oxide - Rate constants  
Uncontrolled terms:Emission properties - Emission spectrums - Energy transfer coefficients - Fluorescence behaviors - Non-radiative relaxation - Radiative lifetime - Spectroscopic property - Transmittance spectra  
Classification code:547.2 Rare Earth Metals - 641.2 Heat Transfer - 741.3 Optical Devices and Systems - 801 Chemistry - 801.4 Physical Chemistry - 804 Chemical Products Generally - 812.3 Glass  
DOI:10.1016/j.optmat.2014.03.026  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 9>

Accession number:20141117457318  
Title:A modified CORDIC FPGA implementation for wave generation  
Authors:Liu, Yidong (1); Fan, Lihang (1); Ma, Tiejing (1)  
Author affiliation:(1) Microsat Research Center, Zhejiang University, Hangzhou 310027, China; (2) School of Optic and Electronic Technology, China Jiliang University, Hangzhou 310018, China  
Corresponding author:Liu, Y.(ydlu@zju.edu.cn)  
Source title:Circuits, Systems, and Signal Processing  
Abbreviated source title:Circ Syst Signal Process  
Volume:33  
Issue:1  
Issue date:January 2014  
Publication year:2014  
Pages:321-329  
Language:English  
ISSN:0278081X  
E-ISSN:15315878  
CODEN:CSSPEH  
Document type:Journal article (JA)

**Publisher:**Birkhauser Boston

**Number of references:**17

**Main heading:**ROM

**Controlled terms:**Algorithms - Design - Field programmable gate arrays (FPGA) - Parallel architectures - Taylor series

**Uncontrolled terms:**Coordinate rotation digital computer algorithms - CORDIC - Device utilization - FPGA implementations - Original algorithms - Original design - Rotation angles - SNR

**Classification code:**408 Structural Design - 721.3 Computer Circuits - 722 Computer Systems and Equipment - 722.1 Data Storage, Equipment and Techniques - 723 Computer Software, Data Handling and Applications - 921 Mathematics

**DOI:**10.1007/s00034-013-9638-8

**Database:**Compendex

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<RECORD 10>

**Accession number:**20141517563683

**Title:**Three-dimensional fiber orientation of fiber suspensions flowing through a rotating curved expansion duct

**Authors:**Lin, Jian-zhong (1); Zhang, Qi-hua (2)

**Author affiliation:**(1) College of Metrology and Measurement Engineering, China Jiliang University, Hangzhou, 310018, China; (2) State Key Laboratory of Fluid Power Transmission and Control, Zhejiang University, Hangzhou, 310027, China

**Corresponding author:**Lin, J.-Z.(mecjzlin@public.zju.edu.cn)

**Source title:**Fibers and Polymers

**Abbreviated source title:**Fibers Polym.

**Volume:**15

**Issue:**2

**Issue date:**February 2014

**Publication year:**2014

**Pages:**364-372

**Language:**English

**ISSN:**12299197

**Document type:**Journal article (JA)

**Publisher:**Korean Fiber Society

**Number of references:**29

**Main heading:**Fibers

**Controlled terms:**Aspect ratio - Ducts - Expansion - Fiber reinforced materials - Inlet flow - Shear flow - Three dimensional

**Uncontrolled terms:**Analytical and numerical methods - Expansion ducts - Fiber aspect ratio - Fiber suspensions - Manufacturing process - Numerical results - Rotating - Runge-Kutta algorithms

**Classification code:**415 Metals, Plastics, Wood and Other Structural Materials - 531 Metallurgy and Metallography - 631.1 Fluid Flow, General - 641.2 Heat Transfer - 811 Cellulose, Paper and Wood Products - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications - 902.1 Engineering Graphics - 943 Mechanical and Miscellaneous Measuring Instruments - 951 Materials Science

**DOI:**10.1007/s12221-014-0364-z

**Database:**Compendex

**Compilation and indexing terms,** Copyright 2013 Elsevier Inc.

<RECORD 11>

**Accession number:**20141517553935

**Title:**Evaluation of staged air and overfire air in regulating air-staging conditions within a large-scale down-fired furnace

**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.(tgzycjlu@163.com)  
Source title:Applied Thermal Engineering  
Abbreviated source title:Appl Therm Eng  
Volume:67  
Issue:1-2  
Issue date:June 2014  
Publication year:2014  
Pages:97-105  
Language:English  
ISSN:13594311  
CODEN:ATENFT  
Document type:Journal article (JA)  
Publisher:Elsevier Ltd  
Number of references:37  
Main heading:Furnaces  
Controlled terms:Combustion - Fly ash  
Uncontrolled terms:Air staging - Burnout rate - Combustion performance - Low carbon - OFA - Overfire air - Staged airs - Supercritical boiler  
Classification code:521.1 Fuel Combustion - 532 Metallurgical Furnaces  
DOI:10.1016/j.applthermaleng.2014.03.009  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 12>

Accession number:20141517553027  
Title:2.7  $\mu\text{m}$  fluorescence and energy transfer in Er<sup>3+</sup> doped germanosilicate glasses  
Authors:Wei, Tao (1); Jing, Xufeng (2); Tian, Ying (1); Chen, Fangze (1); Wang, Fengchao (1); Xu, Shiqing (1)  
Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China; (2) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China  
Corresponding author:Tian, Y.(tianyingcjl@163.com)  
Source title:Materials Research Bulletin  
Abbreviated source title:Mater Res Bull  
Volume:54  
Issue date:June 2014  
Publication year:2014  
Pages:20-23  
Language:English  
ISSN:00255408  
CODEN:MRBUAC  
Document type:Journal article (JA)  
Publisher:Elsevier Ltd  
Number of references:23  
Main heading:Glass  
Controlled terms:Energy transfer - Erbium - Fiber lasers - Fluorescence - Thermodynamic stability  
Uncontrolled terms:Emission cross section - Energy transfer mechanisms - Germanosilicate glass - Midinfrared - Spectroscopic property - Spontaneous transition probabilities  
Classification code:547.2 Rare Earth Metals - 641.1 Thermodynamics - 641.2 Heat Transfer - 741.1 Light/Optics - 741.1.2 Fiber Optics - 812.3 Glass  
DOI:10.1016/j.materresbull.2014.03.011  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 13>

Accession number:20141117450411

**Title:**A fiber strain and vibration sensor based on high birefringence polarization maintaining fibers  
**Authors:**Kang, Juan (1); Dong, Xinyong (2); Zhu, Yinghao (2); Jin, Shangzhong (2); Zhuang, Songlin (1)  
**Author affiliation:**(1) School of Optical-Electrical and Computer Engineering, University of Shanghai for Science and Technology, Shanghai 200093, China; (2) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, Zhejiang, China  
**Corresponding author:**Kang, J.(kangjuan@cjlu.edu.cn)  
**Source title:**Optics Communications  
**Abbreviated source title:**Opt Commun  
**Volume:**322  
**Issue date:**July 1, 2014  
**Publication year:**2014  
**Pages:**105-108  
**Language:**English  
**ISSN:**00304018  
**CODEN:**OPCOB8  
**Document type:**Journal article (JA)  
**Publisher:**Elsevier  
**Number of references:**13  
**Main heading:**Fibers  
**Controlled terms:**Birefringence - Polarization-maintaining fiber - Sensors - Ventilation exhausts - Vibration measurement  
**Uncontrolled terms:**Acoustic vibration - Acoustic-vibration sensors - Broadband transmission - Hi-bi pmf - High birefringence - Sagnac fiber loop - Strain sensitivity - Strain sensors  
**Classification code:**451.1 Air Pollution Sources - 741.1 Light/Optics - 741.1.2 Fiber Optics - 801 Chemistry - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications - 943.2 Mechanical Variables Measurements  
**DOI:**10.1016/j.optcom.2014.02.035  
**Database:**Compendex  
**Compilation and indexing terms, Copyright 2013 Elsevier Inc.**

<RECORD 14>

**Accession number:**20141517554739  
**Title:**Au-coated tilted fiber Bragg grating twist sensor based on surface plasmon resonance  
**Authors:**Shen, Changyu (1); Zhang, Yang (2); Zhou, Wenjun (2); Albert, Jacques (2)  
**Author affiliation:**(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China; (2) Department of Electronics, Carleton University, Ottawa, ON K1S 5B6, Canada  
**Corresponding author:**Shen, C.(shenchangyu56@163.com)  
**Source title:**Applied Physics Letters  
**Abbreviated source title:**Appl Phys Lett  
**Volume:**104  
**Issue:**7  
**Issue date:**2014  
**Publication year:**2014  
**Article number:**071106  
**Language:**English  
**ISSN:**00036951  
**CODEN:**APPLAB  
**Document type:**Journal article (JA)  
**Publisher:**American Institute of Physics Inc.  
**Number of references:**19  
**Main heading:**Surface plasmon resonance  
**Controlled terms:**Angle measurement - Clocks - Fiber Bragg gratings - Plasmons - Sensors  
**Uncontrolled terms:**Distilled water - P-polarized - S-polarized - Tilted fiber Bragg grating - Transmission power - Twist angles  
**Classification code:**711 Electromagnetic Waves - 712.1 Semiconducting Materials - 741.3 Optical Devices and Systems - 801 Chemistry - 943.2 Mechanical Variables Measurements - 943.3 Special Purpose Instruments



DOI:10.1063/1.4865932

Database:Compendex

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<RECORD 15>

Accession number:20141617589311

Title:Numerical predictions of flows past two tandem cylinders of different diameters under unconfined and confined flows

Authors:Jiang, Renjie (1); Lin, Jianzhong (1); Ku, Xiaoke (3)

Author affiliation:(1) Department of Mechanics, Zhejiang University, Hangzhou 310027, China; (2) China Jiliang University, Hangzhou 310018, China; (3) Faculty of Science and Technology, University of Twente, 7500-AE Enschede, Netherlands

Source title:Fluid Dynamics Research

Abbreviated source title:Fluid Dyn. Res.

Volume:46

Issue:2

Issue date:April 2014

Publication year:2014

Article number:025506

Language:English

ISSN:01695983

CODEN:FDRSEH

Document type:Journal article (JA)

Publisher:Institute of Physics Publishing

Number of references:34

Main heading:Cylinders (shapes)

Controlled terms:Computational fluid dynamics - Drag coefficient - Reynolds number - Vortex flow

Uncontrolled terms:Characteristic length - Downstream cylinders - Free-stream velocity - Lattice Boltzmann method - Modulation effects - Numerical predictions - Two tandem cylinders - Vortex structures

Classification code:408.2 Structural Members and Shapes - 631 Fluid Flow

DOI:10.1088/0169-5983/46/2/025506

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 16>

Accession number:20141517560287

Title:The hypoglycemic effect of the pumpkin polysaccharide to the different diabetic model mice

Authors:Zhang, Gaofan (1); Su, Dongyang (1); Zhang, Yongjun (1); Jin, Hui (1); Chen, Ping (1); Zhu, Liyun (1); Wang, Weimin (1); Wang, Ge (1)

Author affiliation:(1) College of Life Sciences, China Jiliang University, Hangzhou 310018, China

Corresponding author:Zhang, Y.

Source title:Journal of Chinese Institute of Food Science and Technology

Abbreviated source title:J. Chin. Inst. Food Sci. Technol.

Volume:14

Issue:2

Issue date:February 2014

Publication year:2014

Pages:23-27

Language:Chinese

ISSN:10097848

Document type:Journal article (JA)

Publisher:Chinese Institute of Food Science and Technology

Number of references:12

Main heading:Mammals

Controlled terms:Body fluids - Drug products - Glucose - Insulin

Uncontrolled terms:Adrenalin - Alloxan - Dexamethasones - Hypoglycemic effect - Intragastric

administration - Possible mechanisms - Potential mechanism - Tissue transformation  
Classification code:461.2 Biological Materials and Tissue Engineering - 804.1 Organic Compounds -  
821 Agricultural Equipment and Methods; Vegetation and Pest Control  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 17>

Accession number:20141117458531  
Title:Design and implementation of embedded video surveillance system based on human detection  
Authors:Li, Jing (1); Bai, Bai Yun (1); He, Jin Long (1)  
Author affiliation:(1) College of Mechanical and Electrical Engineering, China Jiliang University,  
Hangzhou, 310018, China  
Source title:Applied Mechanics and Materials  
Abbreviated source title:Appl. Mech. Mater.  
Volume:513-517  
Monograph title:Applied Science, Materials Science and Information Technologies in Industry  
Issue date:2014  
Publication year:2014  
Pages:4535-4538  
Language:English  
ISSN:16609336  
E-ISSN:16627482  
ISBN-13:9783038350125  
Document type:Conference article (CA)  
Conference name:2014 International Conference on Advances in Materials Science and Information  
Technologies in Industry, AMSITI 2014  
Conference date:January 11, 2014 - January 12, 2014  
Conference location:Xian, China  
Conference code:102941  
Sponsor:Engineering Village; INTIEA; ISI Proceedings; Scientific.Net; Trans Tech Publications inc.  
Publisher:Trans Tech Publications  
Number of references:5  
Main heading:Security systems  
Controlled terms:Embedded systems - Image processing - Image segmentation - Information  
technology - Materials science - Video streaming  
Uncontrolled terms:Background subtraction algorithms - Design and implementations - Image  
processing technology - Intelligent monitoring - Intelligent video surveillance systems - Network  
technologies - Video surveillance systems - Video surveillance technology  
Classification code:716 Telecommunication; Radar, Radio and Television - 722 Computer Systems  
and Equipment - 723 Computer Software, Data Handling and Applications - 723.2 Data Processing  
and Image Processing - 741 Light, Optics and Optical Devices - 741.1 Light/Optics - 903 Information  
Science - 914.1 Accidents and Accident Prevention - 951 Materials Science  
DOI:10.4028/www.scientific.net/AMM.513-517.4535  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 18>

Accession number:20141617573576  
Title:Synthesis of pure-phase BiFeO<sub>3</sub> nanopowder by nitric acid-assisted gel  
Authors:Wang, Jiangying (1); Wei, Yinwei (1); Zhang, Jingji (1); Ji, Ludong (1); Huang, Yuexiang  
(1); Chen, Zhi (1)  
Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University,  
Hangzhou 310018, China  
Corresponding author:Wang, J.(wjyliu@163.com)  
Source title:Materials Letters  
Abbreviated source title:Mater Lett  
Volume:124

**Issue date:**June 1, 2014  
**Publication year:**2014  
**Pages:**242-244  
**Language:**English  
**ISSN:**0167577X  
**CODEN:**MLETDJ  
**Document type:**Journal article (JA)  
**Publisher:**Elsevier  
**Number of references:**21  
**Main heading:**Nanostructured materials  
**Controlled terms:**Magnetic properties - Nitric acid - Optical properties - Sol-gel process  
**Uncontrolled terms:**FTIR - Gel process - Nano powders - Perovskite structures - Room temperature - Secondary phase - XRD  
**Classification code:**701.2 Magnetism: Basic Concepts and Phenomena - 741.1 Light/Optics - 761 Nanotechnology - 804.2 Inorganic Compounds - 813.1 Coating Techniques  
**DOI:**10.1016/j.matlet.2014.03.105  
**Database:**Compendex  
**Compilation and indexing terms, Copyright 2013 Elsevier Inc.**

<RECORD 19>

**Accession number:**20141117463765  
**Title:**A recognition algorithm for occluded tomatoes based on circle regression  
**Authors:**Xiang, Rong (1); Ying, Yibin (2); Jiang, Huanyu (2)  
**Author affiliation:**(1) College of Quality and Safety Engineering, China Jiliang University, Hangzhou, China; (2) College of Biosystems Engineering and Food Science, Zhejiang University, Hangzhou, China  
**Source title:**Proceedings of the 2013 6th International Congress on Image and Signal Processing, CISP 2013  
**Abbreviated source title:**Proc. Int. Congr. Image Signal Process., CISP  
**Volume:**2  
**Monograph title:**Proceedings of the 2013 6th International Congress on Image and Signal Processing, CISP 2013  
**Issue date:**2013  
**Publication year:**2013  
**Pages:**713-717  
**Article number:**6745258  
**Language:**English  
**Document type:**Conference article (CA)  
**Conference name:**2013 6th International Congress on Image and Signal Processing, CISP 2013  
**Conference date:**December 16, 2013 - December 18, 2013  
**Conference location:**Hangzhou, China  
**Conference code:**103106  
**Publisher:**IEEE Computer Society  
**Number of references:**10  
**Main heading:**Fruits  
**Controlled terms:**Regression analysis - Signal processing - Vegetables  
**Uncontrolled terms:**Circle regression - Harvesting robot - Occlusion - Recognition - Tomato  
**Classification code:**716.1 Information Theory and Signal Processing - 821.4 Agricultural Products - 922.2 Mathematical Statistics  
**DOI:**10.1109/CISP.2013.6745258  
**Database:**Compendex  
**Compilation and indexing terms, Copyright 2013 Elsevier Inc.**

<RECORD 20>

**Accession number:**20141117463544  
**Title:**A new decoding algorithm of Quasi-orthogonal space time block codes  
**Authors:**Li, Zhengquan (1); Qiu, Peipei (1); Shen, Lianfeng (2); Jin, Xiaoping (1)

**Author affiliation:**(1) College of Information Engineering, China Jiliang University, Hangzhou, 310018, China; (2) National Mobile Communications Research Laboratory, Southeast University, Nanjing, 210096, China  
**Source title:**Proceedings of the 2013 6th International Congress on Image and Signal Processing, CISP 2013  
**Abbreviated source title:**Proc. Int. Congr. Image Signal Process., CISP  
**Volume:**1  
**Monograph title:**Proceedings of the 2013 6th International Congress on Image and Signal Processing, CISP 2013  
**Issue date:**2013  
**Publication year:**2013  
**Pages:**1-5  
**Article number:**6743964  
**Language:**English  
**Document type:**Conference article (CA)  
**Conference name:**2013 6th International Congress on Image and Signal Processing, CISP 2013  
**Conference date:**December 16, 2013 - December 18, 2013  
**Conference location:**Hangzhou, China  
**Conference code:**103106  
**Publisher:**IEEE Computer Society  
**Number of references:**15  
**Main heading:**Algorithms  
**Controlled terms:**Bit error rate - Block codes - Decoding - Information theory - Signal processing - Space-time block coding (STBC)  
**Uncontrolled terms:**Decoding algorithm - Linear complexity - Low-complexity decoding - Pairwise decoding - Pairwise-MMSE - QO-STBC - Quasi-orthogonal space-time block codes  
**Classification code:**716.1 Information Theory and Signal Processing - 723 Computer Software, Data Handling and Applications - 921 Mathematics  
**DOI:**10.1109/CISP.2013.6743964  
**Database:**Compendex  
**Compilation and indexing terms,** Copyright 2013 Elsevier Inc.

<RECORD 21>

**Accession number:**20141117463863  
**Title:**Prediction of acoustic field radiated from focusing transducer  
**Authors:**Wang, Yuebing (1)  
**Author affiliation:**(1) Metrology and Measurement Engineering Department, China Jiliang University, Hangzhou, China  
**Corresponding author:**Wang, Y.  
**Source title:**Proceedings of the 2013 6th International Congress on Image and Signal Processing, CISP 2013  
**Abbreviated source title:**Proc. Int. Congr. Image Signal Process., CISP  
**Volume:**3  
**Monograph title:**Proceedings of the 2013 6th International Congress on Image and Signal Processing, CISP 2013  
**Issue date:**2013  
**Publication year:**2013  
**Pages:**1407-1411  
**Article number:**6743894  
**Language:**English  
**Document type:**Conference article (CA)  
**Conference name:**2013 6th International Congress on Image and Signal Processing, CISP 2013  
**Conference date:**December 16, 2013 - December 18, 2013  
**Conference location:**Hangzhou, China  
**Conference code:**103106  
**Publisher:**IEEE Computer Society  
**Number of references:**10  
**Main heading:**Transducers

Controlled terms:Acoustic fields - Focusing - Forecasting - Harmonic analysis - Signal processing  
Uncontrolled terms:Acoustic pressures - Axial distance - Higher harmonics - Membrane hydrophones - Near-Fresnel zone - Nonlinear propagation - Numerical solution - Parabolic wave equation

Classification code:704 Electric Components and Equipment - 715 Electronic Equipment, General Purpose and Industrial - 716.1 Information Theory and Signal Processing - 751 Acoustics, Noise, Sound - 751.1 Acoustic Waves - 921 Mathematics - 921.6 Numerical Methods

DOI:10.1109/CISP.2013.6743894

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 22>

Accession number:20141117463769

Title:Capsule color inspection on uneven illumination images

Authors:Lu, Kai (1); Ni, Jun (1); Wang, Longwu (1)

Author affiliation:(1) China Jiliang University, College of Optical and Electronic Technology, Hangzhou, China

Corresponding author:Ni, J.(nijun@cjlu.edu.cn)

Source title:Proceedings of the 2013 6th International Congress on Image and Signal Processing, CISP 2013

Abbreviated source title:Proc. Int. Congr. Image Signal Process., CISP

Volume:2

Monograph title:Proceedings of the 2013 6th International Congress on Image and Signal Processing, CISP 2013

Issue date:2013

Publication year:2013

Pages:735-740

Article number:6745262

Language:English

Document type:Conference article (CA)

Conference name:2013 6th International Congress on Image and Signal Processing, CISP 2013

Conference date:December 16, 2013 - December 18, 2013

Conference location:Hangzhou, China

Conference code:103106

Publisher:IEEE Computer Society

Number of references:14

Main heading:Inspection

Controlled terms:Algorithms - Color - Color codes - Computer vision - Signal processing

Uncontrolled terms:Capsule - Capsule colors - Color inspection - Color modeling - Feasible algorithms - Lab models - Quality inspection - Uneven illuminations

Classification code:706.2 Electric Power Lines and Equipment - 716.1 Information Theory and Signal Processing - 723 Computer Software, Data Handling and Applications - 723.5 Computer Applications - 741.1 Light/Optics - 741.2 Vision - 913.3.1 Inspection - 921 Mathematics

DOI:10.1109/CISP.2013.6745262

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 23>

Accession number:20141117463620

Title:Tests of a recognition algorithm for clustered tomatoes based on mathematical morphology

Authors:Xiang, Rong (1); Ying, Yibin (2); Jiang, Huanyu (2)

Author affiliation:(1) College of Quality and Safety Engineering, China Jiliang University, Hangzhou, China; (2) College of Biosystems Engineering and Food Science, Zhejiang University, Hangzhou, China

Source title:Proceedings of the 2013 6th International Congress on Image and Signal Processing, CISP 2013

Abbreviated source title:Proc. Int. Congr. Image Signal Process., CISP

**Volume:1**

**Monograph title:Proceedings of the 2013 6th International Congress on Image and Signal Processing, CISP 2013**

**Issue date:2013**

**Publication year:2013**

**Pages:464-468**

**Article number:6744040**

**Language:English**

**Document type:Conference article (CA)**

**Conference name:2013 6th International Congress on Image and Signal Processing, CISP 2013**

**Conference date:December 16, 2013 - December 18, 2013**

**Conference location:Hangzhou, China**

**Conference code:103106**

**Publisher:IEEE Computer Society**

**Number of references:15**

**Main heading:Fruits**

**Controlled terms:Algorithms - Computer vision - Erosion - Iterative methods - Mathematical morphology - Signal processing**

**Uncontrolled terms:Clustered tomatoes - Dilation operation - Fruits and vegetables - Harvesting robot - Minimum enclosing rectangle - Normalized color differences - Recognition - Recognition algorithm**

**Classification code:407 Maritime and Port Structures; Rivers and Other Waterways - 483 Soil Mechanics and Foundations - 716.1 Information Theory and Signal Processing - 723 Computer Software, Data Handling and Applications - 723.5 Computer Applications - 821.4 Agricultural Products - 921 Mathematics - 921.6 Numerical Methods**

**DOI:10.1109/CISP.2013.6744040**

**Database:Compendex**

**Compilation and indexing terms, Copyright 2013 Elsevier Inc.**

**<RECORD 24>**

**Accession number:20141617587268**

**Title:Optical characteristic of cotton in the THz frequency region**

**Authors:Li, Jianrui (1); Li, Jiusheng (1)**

**Author affiliation:(1) Centre for THz Research, China Jiliang University, Hangzhou 310018, China**

**Source title:Optics InfoBase Conference Papers**

**Abbreviated source title:Opt.InfoBase Conf. Papers**

**Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2009**

**Issue date:2009**

**Publication year:2009**

**Language:English**

**E-ISSN:21622701**

**ISBN-13:9781557528773**

**Document type:Conference article (CA)**

**Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009**

**Conference date:November 2, 2009 - November 6, 2009**

**Conference location:Shanghai, China**

**Conference code:104333**

**Publisher:Optical Society of America**

**Number of references:3**

**Main heading:Cotton**

**Controlled terms:Exhibitions - Photonics - Spectroscopy - Time domain analysis**

**Uncontrolled terms:Absorption and refraction spectrum - Commercial transactions - Frequency regions - Nitrogen atmospheres - Optical characteristics - Spectral characteristics - Spectral response - THz time domain spectroscopy**

**Classification code:712 Electronic and Thermionic Materials - 717 Optical Communication - 744 Lasers - 801 Chemistry - 819.1 Natural Fibers - 902.2 Codes and Standards - 921 Mathematics**

**Database:Compendex**

**Compilation and indexing terms, Copyright 2013 Elsevier Inc.**

<RECORD 25>

Accession number:20141617587234

Title:Multiwavelength erbium-doped fiber laser with a nonlinear optical fiber loop mirror

Authors:Liu, S. (1); Dong, X.Y. (3); Sun, J. (1); Shum, P. (2)

Author affiliation:(1) Division of Optoelectronic Devices and Integration, Wuhan National Laboratory for Optoelectronics, Wuhan, 430074, China; (2) Network Technology Research Centre, Nanyang Technological University, 50 Nanyang Drive, Research Techno Plaza, 4th Storey, 637553 Singapore, Singapore; (3) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou, 310018, China

Corresponding author:Liu, S.(sliu@hust.edu.cn)

Source title:Optics InfoBase Conference Papers

Abbreviated source title:Opt.InfoBase Conf. Papers

Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2009

Issue date:2009

Publication year:2009

Language:English

E-ISSN:21622701

ISBN-13:9781557528773

Document type:Conference article (CA)

Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009

Conference date:November 2, 2009 - November 6, 2009

Conference location:Shanghai, China

Conference code:104333

Publisher:Optical Society of America

Number of references:4

Main heading:Nonlinear optics

Controlled terms:Exhibitions - Fiber lasers - Photonics - Polarization-maintaining fiber

Uncontrolled terms:Extinction ratios - Highly nonlinear fiber(HNLF) - Multiwavelength erbium-doped fiber lasers - Nonlinear optical fiber loop mirrors - Nonuniformity - Room temperature - Sagnac filter - Simultaneous lasing

Classification code:712 Electronic and Thermionic Materials - 717 Optical Communication - 741.1.1 Nonlinear Optics - 741.1.2 Fiber Optics - 744 Lasers - 902.2 Codes and Standards

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 26>

Accession number:20141117447602

Title:Polarization independent acousto-optic filter based on photonic crystal fibers by using a fiber loop mirror

Authors:Zhao, Chun-Liu (1); Jin, Wei (2); Ju, J. (2); Dong, Xinyong (1); Kang, Juan (1); Zhang, Z. (1); Jin, S. (1)

Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou, China; (2) Department of Electrical Engineering, Hong Kong Polytechnic University, Hong Kong

Corresponding author:Jin, W.(eewjin@polyu.edu.hk)

Source title:Optics InfoBase Conference Papers

Abbreviated source title:Opt.InfoBase Conf. Papers

Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2010

Issue date:2010

Publication year:2010

Language:English

E-ISSN:21622701

ISBN-13:9780819485540

Document type:Conference article (CA)

Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2010

Conference date:December 8, 2010 - December 12, 2010

Conference location:Shanghai, China

Conference code:83769  
Sponsor:Ethernet Alliance  
Publisher:Optical Society of America  
Number of references:13  
Main heading:Polarization  
Controlled terms:Dense wavelength division multiplexing - Exhibitions - Optical resonators - Photonic crystal fibers - Photonics  
Uncontrolled terms:Acousto-optic filters - Dependent characteristics - Fiber loop mirrors - Polarization dependence - Polarization dependent loss - Polarization independent  
Classification code:716 Telecommunication; Radar, Radio and Television - 717 Optical Communication - 718 Telephone Systems and Related Technologies; Line Communications - 741.1 Light/Optics - 741.3 Optical Devices and Systems - 902.2 Codes and Standards - 951 Materials Science  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 27>

Accession number:20141617587226  
Title:Bending sensor with tilted fiber bragg grating interacting with multimode fiber  
Authors:Jin, Y.X. (1); Chan, C.C. (2); Dong, X.Y. (1); Zhang, Y.F. (2)  
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Xueyuan Street, Xiasha Higher Education Zone, Hangzhou, 310018, China; (2) Division of Bioengineering, School of Chemical and Biomedical Engineering, Nanyang Technological University, 637457 Singapore, Singapore  
Corresponding author:Jin, Y.X.  
Source title:Optics InfoBase Conference Papers  
Abbreviated source title:Opt.InfoBase Conf. Papers  
Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Issue date:2009  
Publication year:2009  
Language:English  
E-ISSN:21622701  
ISBN-13:9781557528773  
Document type:Conference article (CA)  
Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Conference date:November 2, 2009 - November 6, 2009  
Conference location:Shanghai, China  
Conference code:104333  
Publisher:Optical Society of America  
Number of references:5  
Main heading:Fibers  
Controlled terms:Exhibitions - Fiber Bragg gratings - Multimode fibers - Photonics - Sensors - Single mode fibers  
Uncontrolled terms:Bending sensors - Cladding modes - Fiber bending sensors - Multi-mode fibers (MMF) - Tilted fiber Bragg grating  
Classification code:741.1.2 Fiber Optics - 741.3 Optical Devices and Systems - 801 Chemistry - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications - 902.2 Codes and Standards  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 28>

Accession number:20141117447756  
Title:Relative humidity sensor based on photonic crystal fiber with tapered and filled in polymer  
Authors:Li, Tao (1); Zhao, Chun-Liu (1); Dong, Xinyong (1); Qian, Wenwen (1); Jin, Yongxing (1); Jin, Shangzhong (1)  
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou,



310018, China

Corresponding author:Zhao, C.-L.(clzhao@cjlu.edu.cn)

Source title:Optics InfoBase Conference Papers

Abbreviated source title:Opt.InfoBase Conf. Papers

Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2010

Issue date:2010

Publication year:2010

Language:English

E-ISSN:21622701

ISBN-13:9780819485540

Document type:Conference article (CA)

Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2010

Conference date:December 8, 2010 - December 12, 2010

Conference location:Shanghai, China

Conference code:83769

Sponsor:Ethernet Alliance

Publisher:Optical Society of America

Number of references:16

Main heading:Filled polymers

Controlled terms:Exhibitions - Humidity sensors - Moisture control - Photonic crystal fibers - Photonics - Polymers

Uncontrolled terms:Moisture sensitive polymers - Relative humidity changes - Sensing elements - Tapered fiber

Classification code:643 Space Heating, Ventilation and Air Conditioning - 712 Electronic and Thermionic Materials - 717 Optical Communication - 732 Control Devices - 744 Lasers - 815.1 Polymeric Materials - 902.2 Codes and Standards - 944.2 Moisture Measurements - 951 Materials Science

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 29>

Accession number:20141117447612

Title:Refraction index measurement using long period grating fabricated by symmetrical-hole fiber

Authors:Kang, Juan (1); Dong, Xinyong (1); Li, Mengchao (2); Zhang, Zaixuan (1); Jin, Shangzhong (1)

Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China; (2) School of Optical-Electrical and Computer Engineering, University of Shanghai for Science and Technology, Shanghai 200093, China

Source title:Optics InfoBase Conference Papers

Abbreviated source title:Opt.InfoBase Conf. Papers

Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2010

Issue date:2010

Publication year:2010

Language:English

E-ISSN:21622701

ISBN-13:9780819485540

Document type:Conference article (CA)

Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2010

Conference date:December 8, 2010 - December 12, 2010

Conference location:Shanghai, China

Conference code:83769

Sponsor:Ethernet Alliance

Publisher:Optical Society of America

Number of references:12

Main heading:Fibers

Controlled terms:Carbon dioxide - Exhibitions - Liquid sugar - Photonics - Refraction - Refractive index

Uncontrolled terms:Capillary force - External refractive indices - Fiber gratings - Long period fiber

grating - Long Period Gratings - Refraction index - Refraction index measurement - Shorter wavelength

Classification code:741.1 Light/Optics - 804.2 Inorganic Compounds - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications - 822.3 Food Products - 902.2 Codes and Standards

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 30>

Accession number:20141117447760

Title:Characteristics of refractive index sensor based on adjusting gap fiber bragg grating

Authors:Shen, Changyu (1); Zhong, Chuan (1)

Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou, Zhejiang, 310018, China; (2) State Key Laboratory of Modern Optical Instrumentation, Zhejiang University, Hangzhou, Zhejiang, 310027, China

Source title:Optics InfoBase Conference Papers

Abbreviated source title:Opt.InfoBase Conf. Papers

Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2010

Issue date:2010

Publication year:2010

Language:English

E-ISSN:21622701

ISBN-13:9780819485540

Document type:Conference article (CA)

Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2010

Conference date:December 8, 2010 - December 12, 2010

Conference location:Shanghai, China

Conference code:83769

Sponsor:Ethernet Alliance

Publisher:Optical Society of America

Number of references:12

Main heading:Refractometers

Controlled terms:Exhibitions - Fiber Bragg gratings - Photonics - Refractive index - Transfer matrix method

Uncontrolled terms:Coupled-mode theory - Peak wavelength - Red shift - Refractive index sensor - Side bands - Spectral characteristics

Classification code:741.1 Light/Optics - 741.3 Optical Devices and Systems - 902.2 Codes and Standards - 921 Mathematics - 941.3 Optical Instruments

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 31>

Accession number:20141617587172

Title:Terahertz waveguides based on photonic crystal

Authors:Jiusheng, Li (1); Xiaoli, Zhao (1)

Author affiliation:(1) School of Information Engineering, China Jiliang University, Hangzhou 310018, China

Source title:Optics InfoBase Conference Papers

Abbreviated source title:Opt.InfoBase Conf. Papers

Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2009

Issue date:2009

Publication year:2009

Language:English

E-ISSN:21622701

ISBN-13:9781557528773

Document type:Conference article (CA)

Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009

Conference date:November 2, 2009 - November 6, 2009  
Conference location:Shanghai, China  
Conference code:104333  
Publisher:Optical Society of America  
Number of references:3  
Main heading:Photonics  
Controlled terms:Exhibitions - Optical waveguides - Photonic crystals - Time domain analysis - Waveguides  
Uncontrolled terms:Integrated terahertz - Line defect waveguide - Photonic-crystal slab - Propagation loss - Silicon photonic crystals - Terahertz waveguides - Triangular lattice - Wave-guiding characteristics  
Classification code:712 Electronic and Thermionic Materials - 714.3 Waveguides - 717 Optical Communication - 744 Lasers - 902.2 Codes and Standards - 921 Mathematics - 933.1 Crystalline Solids  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 32>

Accession number:20141117447762  
Title:A Novel temperature-insensitive package for fiber bragg grating  
Authors:Tu, Yumeng (1); Gong, Huaping (1); Li, Shuhua (1); Jin, Yongxing (1)  
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China  
Source title:Optics InfoBase Conference Papers  
Abbreviated source title:Opt.InfoBase Conf. Papers  
Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2010  
Issue date:2010  
Publication year:2010  
Language:English  
E-ISSN:21622701  
ISBN-13:9780819485540  
Document type:Conference article (CA)  
Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2010  
Conference date:December 8, 2010 - December 12, 2010  
Conference location:Shanghai, China  
Conference code:83769  
Sponsor:Ethernet Alliance  
Publisher:Optical Society of America  
Number of references:9  
Main heading:Photonics  
Controlled terms:Exhibitions - Fiber Bragg gratings - Packaging  
Uncontrolled terms:FBG - Metal packages - Temperature-insensitive - Wavelength shift  
Classification code:694.1 Packaging, General - 741.3 Optical Devices and Systems - 902.2 Codes and Standards  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 33>

Accession number:20141617587582  
Title:Temperature-insensitive 2-D tilt sensor with three fiber bragg gratings  
Authors:He, Shaoling (1); Dong, Xinyong (1); Ni, Kai (1); Chan, C.C. (2); Shum, P. (2)  
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China; (2) Network Technology Research Centre, Nanyang Technological University, Singapore 637553, Singapore  
Corresponding author:Dong, X.(xydong@cjlu.edu.cn)  
Source title:Optics InfoBase Conference Papers  
Abbreviated source title:Opt.InfoBase Conf. Papers

**Monograph title:**Asia Communications and Photonics Conference and Exhibition, ACP 2009  
**Issue date:**2009  
**Publication year:**2009  
**Language:**English  
**E-ISSN:**21622701  
**ISBN-13:**9781557528773  
**Document type:**Conference article (CA)  
**Conference name:**Asia Communications and Photonics Conference and Exhibition, ACP 2009  
**Conference date:**November 2, 2009 - November 6, 2009  
**Conference location:**Shanghai, China  
**Conference code:**104333  
**Publisher:**Optical Society of America  
**Number of references:**2  
**Main heading:**Sensors  
**Controlled terms:**Exhibitions - Fiber Bragg gratings - Photonics  
**Uncontrolled terms:**Measurement sensitivity - Temperature-insensitive - Tilt sensor - Two Dimensional (2 D)  
**Classification code:**741.3 Optical Devices and Systems - 801 Chemistry - 902.2 Codes and Standards  
**Database:**Compendex  
**Compilation and indexing terms,** Copyright 2013 Elsevier Inc.

<RECORD 34>

**Accession number:**20141117447616  
**Title:**Analysis of the stress-optical effects in silica-on-silicon optical waveguides  
**Authors:**Lang, Tingting (1); Kuang, Jingguo (2); Lin, Xufeng (2)  
**Author affiliation:**(1) College of Optical and Electronic technology, China Jiliang University, Hangzhou 310018, China; (2) Centre for Integrated Optoelectronics, State Key Laboratory of Modern Optical Instrumentation, Zhejiang University, Hangzhou 310027, China  
**Corresponding author:**Lang, T.(langtingting@cjlu.edu.cn)  
**Source title:**Optics InfoBase Conference Papers  
**Abbreviated source title:**Opt.InfoBase Conf. Papers  
**Monograph title:**Asia Communications and Photonics Conference and Exhibition, ACP 2010  
**Issue date:**2010  
**Publication year:**2010  
**Language:**English  
**E-ISSN:**21622701  
**ISBN-13:**9780819485540  
**Document type:**Conference article (CA)  
**Conference name:**Asia Communications and Photonics Conference and Exhibition, ACP 2010  
**Conference date:**December 8, 2010 - December 12, 2010  
**Conference location:**Shanghai, China  
**Conference code:**83769  
**Sponsor:**Ethernet Alliance  
**Publisher:**Optical Society of America  
**Number of references:**5  
**Main heading:**Photonics  
**Controlled terms:**Arrayed waveguide gratings - Birefringence - Exhibitions - Polarization - Silica - Silicon - Waveguides  
**Uncontrolled terms:**AWG - Critical factors - Plane strain model - Polarization independent - Silica-on-silicon - Stress induced birefringence - Thermal expansion coefficients - Zero birefringence  
**Classification code:**712.1.1 Single Element Semiconducting Materials - 714.3 Waveguides - 741.1 Light/Optics - 741.3 Optical Devices and Systems - 812 Ceramics, Refractories and Glass - 902.2 Codes and Standards  
**Database:**Compendex  
**Compilation and indexing terms,** Copyright 2013 Elsevier Inc.

<RECORD 35>

**Accession number:**20141117447742  
**Title:**Distributed optical fiber temperature sensor applied in underground coal gasification system  
**Authors:**Wang, Jianfeng (1); Hu, Chuanlong (1); Zhang, Zaixuan (1); Gong, Huaping (1); Jin, Yongxing (1); Shen, Changyu (1)  
**Author affiliation:**(1) Institute of Optoelectronic Technology, China Jiliang University, Xueyuan Street 258#, Xiasha High Education Area, Hangzhou, 310018, China  
**Corresponding author:**Wang, J.(wjfking@cjlu.edu.cn)  
**Source title:**Optics InfoBase Conference Papers  
**Abbreviated source title:**Opt.InfoBase Conf. Papers  
**Monograph title:**Asia Communications and Photonics Conference and Exhibition, ACP 2010  
**Issue date:**2010  
**Publication year:**2010  
**Language:**English  
**E-ISSN:**21622701  
**ISBN-13:**9780819485540  
**Document type:**Conference article (CA)  
**Conference name:**Asia Communications and Photonics Conference and Exhibition, ACP 2010  
**Conference date:**December 8, 2010 - December 12, 2010  
**Conference location:**Shanghai, China  
**Conference code:**83769  
**Sponsor:**Ethernet Alliance  
**Publisher:**Optical Society of America  
**Number of references:**7  
**Main heading:**Carbonization  
**Controlled terms:**Exhibitions - Photonics - Temperature measurement  
**Uncontrolled terms:**Distributed optical fiber temperature sensors - Distributed optical fiber temperature sensors (DTS) - Gasification process - Measuring temperature - Underground coal gasification  
**Classification code:**445.1 Water Treatment Techniques - 712 Electronic and Thermionic Materials - 717 Optical Communication - 744 Lasers - 902.2 Codes and Standards - 944.6 Temperature Measurements  
**Database:**Compendex  
**Compilation and indexing terms,** Copyright 2013 Elsevier Inc.

<RECORD 36>

**Accession number:**20141117447780  
**Title:**The mesopic effect of different correlated color temperature LED light sources on road lighting  
**Authors:**Li, Xuan (1); Jin, Shangzhong (1); Wang, Yanhua (1); Cen, Songyuan (1); Liang, Pei (1); Wang, Le (1); Li, Xiaoyan (1)  
**Author affiliation:**(1) Lighting Research Center, College of Opto-electronics Engineering, China Jiliang University, Hangzhou 310018, China; (2) Department of Optical Engineering, Zhejiang University, Hangzhou, 310027, China  
**Corresponding author:**Li, X.  
**Source title:**Optics InfoBase Conference Papers  
**Abbreviated source title:**Opt.InfoBase Conf. Papers  
**Monograph title:**Asia Communications and Photonics Conference and Exhibition, ACP 2010  
**Issue date:**2010  
**Publication year:**2010  
**Language:**English  
**E-ISSN:**21622701  
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**Document type:**Conference article (CA)  
**Conference name:**Asia Communications and Photonics Conference and Exhibition, ACP 2010  
**Conference date:**December 8, 2010 - December 12, 2010  
**Conference location:**Shanghai, China  
**Conference code:**83769  
**Sponsor:**Ethernet Alliance  
**Publisher:**Optical Society of America

Number of references:11

Main heading:Light emitting diodes

Controlled terms:Color - Exhibitions - Illumination meters - Light sources - Photonics - Roads and streets

Uncontrolled terms:Correlated color temperature - Illuminometer - Mesopic vision - Modified coefficient - Road lighting

Classification code:406.2 Roads and Streets - 741.1 Light/Optics - 902.2 Codes and Standards - 941.3 Optical Instruments

Database:Compendex

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<RECORD 37>

Accession number:20141117447768

Title:The curvature measurement of sagnac loop based on PMF

Authors:Zhao, Yu (1); Jin, Yongxing (1); Gong, Huaping (1); Wang, Jianfeng (1)

Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Xueyuan Street, Hangzhou 310018, China

Corresponding author:Zhao, Y.

Source title:Optics InfoBase Conference Papers

Abbreviated source title:Opt.InfoBase Conf. Papers

Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2010

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Publication year:2010

Language:English

E-ISSN:21622701

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Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2010

Conference date:December 8, 2010 - December 12, 2010

Conference location:Shanghai, China

Conference code:83769

Sponsor:Ethernet Alliance

Publisher:Optical Society of America

Number of references:15

Main heading:Photonics

Controlled terms:Exhibitions - Fiber optic sensors - Nonlinear optics - Optical fiber fabrication - Photonic crystal fibers - Polarization-maintaining fiber

Uncontrolled terms:Curvature measurement - Curvature sensing - Curvature sensor - Fiber sagnac loops - Sagnac interferometer - Sagnac loop - Sensing components - Sensing elements

Classification code:712 Electronic and Thermionic Materials - 717 Optical Communication - 741.1.1 Nonlinear Optics - 741.1.2 Fiber Optics - 744 Lasers - 902.2 Codes and Standards

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 38>

Accession number:20141617587060

Title:Experimental investigation on transverse profile and spatial evolution of SBS beam

Authors:Gong, Huaping (1); Lu, Zhiwei (2); Lin, Dianyong (2)

Author affiliation:(1) China Jiliang University, Hangzhou, 310018, China; (2) Institute of Opto-Electronics, Harbin Institute of Technology, Harbin 150001, China

Source title:Optics InfoBase Conference Papers

Abbreviated source title:Opt.InfoBase Conf. Papers

Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2009

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ISBN-13:9781557528773

Document type:Conference article (CA)

Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009

Conference date:November 2, 2009 - November 6, 2009

Conference location:Shanghai, China

Conference code:104333

Publisher:Optical Society of America

Number of references:5

Main heading:Photonics

Controlled terms:Exhibitions - Image processing

Uncontrolled terms:Digital image processing technologies - Experimental investigations - Spatial evolution - Stimulated Brillouin Scattering (SBS) - Transverse profile

Classification code:712 Electronic and Thermionic Materials - 717 Optical Communication - 741 Light, Optics and Optical Devices - 744 Lasers - 902.2 Codes and Standards

Database:Compendex

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<RECORD 39>

Accession number:20141617587583

Title:Temperature- independent strain sensor based on intensity measurement using a highly birefringent photonic crystal fiber loop mirror

Authors:Zhao, Chun-Liu (1); Dong, Xingyong (1)

Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, Hangzhou, China

Corresponding author:Zhao, C.-L.(zhchunliu@hotmail.com)

Source title:Optics InfoBase Conference Papers

Abbreviated source title:Opt.InfoBase Conf. Papers

Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2009

Issue date:2009

Publication year:2009

Language:English

E-ISSN:21622701

ISBN-13:9781557528773

Document type:Conference article (CA)

Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009

Conference date:November 2, 2009 - November 6, 2009

Conference location:Shanghai, China

Conference code:104333

Publisher:Optical Society of America

Number of references:7

Main heading:Photonic crystal fibers

Controlled terms:Distributed feedback lasers - Exhibitions - Optical resonators - Photonics - Sensors

Uncontrolled terms:Fiber loop mirrors - Highly birefringent photonic crystal fibers - Intensity measurements - Optical power meters - Sensing elements - Spectral change - Strain information - Thermal sensitivity

Classification code:741.3 Optical Devices and Systems - 744.1 Lasers, General - 801 Chemistry - 902.2 Codes and Standards - 951 Materials Science

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 40>

Accession number:20141617587313

Title:Cantilever-based FBG sensor for temperature-independent acceleration measurement

Authors:Zhou, Wenjun (1); Dong, Xinyong (1); Jin, Yongxing (1); Zhao, Chunliu (1)

Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China

Corresponding author:Dong, X.(xydong@cjlu.edu.cn)

Source title:Optics InfoBase Conference Papers  
Abbreviated source title:Opt.InfoBase Conf. Papers  
Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
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Publication year:2009  
Language:English  
E-ISSN:21622701  
ISBN-13:9781557528773  
Document type:Conference article (CA)  
Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Conference date:November 2, 2009 - November 6, 2009  
Conference location:Shanghai, China  
Conference code:104333  
Publisher:Optical Society of America  
Number of references:4  
Main heading:Fiber Bragg gratings  
Controlled terms:Accelerometers - Bandwidth - Cantilever beams - Exhibitions - Photonics  
Uncontrolled terms:Beam length - FBG sensor - Free end - High sensitivity - Lateral surface - Temperature-insensitive - Uniform bending - Vertical accelerations  
Classification code:408.2 Structural Members and Shapes - 716.1 Information Theory and Signal Processing - 741.3 Optical Devices and Systems - 902.2 Codes and Standards - 943.1 Mechanical Instruments  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 41>

Accession number:20141617587224  
Title:Research on dielectric properties of gallium arsenides by using THz-TDS  
Authors:Jiusheng, Li (1); Xiaoli, Zhao (1)  
Author affiliation:(1) Centre for THz Research, China Jiliang University, Hangzhou 310018, China  
Source title:Optics InfoBase Conference Papers  
Abbreviated source title:Opt.InfoBase Conf. Papers  
Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Issue date:2009  
Publication year:2009  
Language:English  
E-ISSN:21622701  
ISBN-13:9781557528773  
Document type:Conference article (CA)  
Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Conference date:November 2, 2009 - November 6, 2009  
Conference location:Shanghai, China  
Conference code:104333  
Publisher:Optical Society of America  
Number of references:3  
Main heading:Gallium arsenide  
Controlled terms:Dielectric properties - Exhibitions - Laser pulses - Photonics - Refractive index - Semiconducting gallium  
Uncontrolled terms:Absorption co-efficient - Candidate materials - Frequency ranges - Frequency-dependent - High resistivity - Power absorption - Terahertz time domain spectroscopy - Terahertz transmission  
Classification code:701 Electricity and Magnetism - 712.1.1 Single Element Semiconducting Materials - 741.1 Light/Optics - 744.1 Lasers, General - 804 Chemical Products Generally - 902.2 Codes and Standards  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 42>



Accession number:20141117447755  
Title:Theoretical investigation on raman fiber amplifiers  
Authors:Shuhua, Li (1); Huaping, Gong (1); Ying, Meng (1); Yumeng, Tu (1)  
Author affiliation:(1) Institute of Opto-Electronics China jiliang university Hangzhou, Zhejiang, 310018, China  
Source title:Optics InfoBase Conference Papers  
Abbreviated source title:Opt.InfoBase Conf. Papers  
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Language:English  
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Document type:Conference article (CA)  
Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2010  
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Conference location:Shanghai, China  
Conference code:83769  
Sponsor:Ethernet Alliance  
Publisher:Optical Society of America  
Number of references:9  
Main heading:Photonics  
Controlled terms:Amplifiers (electronic) - Exhibitions - Fiber amplifiers - Runge Kutta methods  
Uncontrolled terms:Backward pumping - FRA - Interpolation method - Numerical solution - Raman fiber amplifiers - Raman pumping - SRS - Theoretical investigations  
Classification code:712 Electronic and Thermionic Materials - 713.1 Amplifiers - 717 Optical Communication - 744 Lasers - 744.4 Solid State Lasers - 902.2 Codes and Standards - 921.6 Numerical Methods  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 43>

Accession number:20141617587316  
Title:White-light-emitting diodes based on Ba<sup>2+</sup> co-doped Sr<sub>3</sub>SiO<sub>5</sub>: Ce<sup>3+</sup>, Li<sup>+</sup> phosphor  
Authors:Shen, Changyu (1); Yang, Yi (1)  
Author affiliation:(1) Insitute of Optoelectronic Technology, China Jiliang University, Hangzhou, Zhejiang 310018, China  
Source title:Optics InfoBase Conference Papers  
Abbreviated source title:Opt.InfoBase Conf. Papers  
Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Issue date:2009  
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Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Conference date:November 2, 2009 - November 6, 2009  
Conference location:Shanghai, China  
Conference code:104333  
Publisher:Optical Society of America  
Number of references:3  
Main heading:Light emitting diodes  
Controlled terms:Exhibitions - Light emission - Lithium - Phosphors - Photonics - Solid state reactions  
Uncontrolled terms:Broad emission bands - Co-doped - Co-doping - Color rendering index -

Emission bands - Red shift - White light emitting diodes  
Classification code:549.1 Alkali Metals - 741.1 Light/Optics - 802.2 Chemical Reactions - 902.2 Codes and Standards  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 44>

Accession number:20141617587212  
Title:Free-form micro-lens for LED general illumination  
Authors:Sun, Liwei (1); Jin, Shangzhong (1); Cen, Songyuan (1)  
Author affiliation:(1) Zhejiang Province Key Laboratory of Modern Measurement Technology and Instrument, College of Opto-electronics Engineering, China Jiliang University, Hangzhou 310018, China; (2) Lighting Research Center, College of Opto-electronics Engineering, China Jiliang University, Hangzhou 310018, China  
Source title:Optics InfoBase Conference Papers  
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Monograph title:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Issue date:2009  
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Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Conference date:November 2, 2009 - November 6, 2009  
Conference location:Shanghai, China  
Conference code:104333  
Publisher:Optical Society of America  
Number of references:5  
Main heading:Light emitting diodes  
Controlled terms:Competition - Exhibitions - Microlenses - Photonics  
Uncontrolled terms:Competitive advantage - LED illumination - Micro-lens - Radiation distribution - Target surface  
Classification code:741.1 Light/Optics - 741.3 Optical Devices and Systems - 902.2 Codes and Standards - 911.2 Industrial Economics  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 45>

Accession number:20141617587584  
Title:Temperature-independent accelerometer with a strain-chirped fiber bragg grating  
Authors:Li, Lan (1); Dong, Xinyong (1); Zhou, Wenjun (1); Sun, Yiling (1)  
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China  
Corresponding author:Dong, X.(xydong@cjlu.edu.cn)  
Source title:Optics InfoBase Conference Papers  
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Issue date:2009  
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Document type:Conference article (CA)  
Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Conference date:November 2, 2009 - November 6, 2009  
Conference location:Shanghai, China

Conference code:104333  
Publisher:Optical Society of America  
Number of references:2  
Main heading:Photonics  
Controlled terms:Accelerometers - Exhibitions  
Uncontrolled terms:Linear response range - Optical power - Very low temperatures  
Classification code:712 Electronic and Thermionic Materials - 717 Optical Communication - 744 Lasers - 902.2 Codes and Standards - 943.1 Mechanical Instruments  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 46>

Accession number:20141617587232  
Title:Refractive-sensitivity of Mechanical long-period fiber grating in side-hole fiber  
Authors:Jin, Y.X. (1); Chan, C.C. (2); Dong, X.Y. (1); Zhang, Y.F. (2)  
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Xueyuan Street, Xiasha Higher Education Zone, Hangzhou, 310018, China; (2) Division of Bioengineering, School of Chemical and Biomedical Engineering, Nanyang Technological University, 637457 Singapore, Singapore  
Source title:Optics InfoBase Conference Papers  
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Document type:Conference article (CA)  
Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
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Conference location:Shanghai, China  
Conference code:104333  
Publisher:Optical Society of America  
Number of references:5  
Main heading:Fibers  
Controlled terms:Diffraction gratings - Exhibitions - Photonics - Refractive index  
Uncontrolled terms:Fiber cores - Long period fiber grating - Long Period Gratings - Periodic grooves - Refractive index sensor - Resonance wavelengths - Side hole fiber  
Classification code:741.1 Light/Optics - 741.3 Optical Devices and Systems - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications - 902.2 Codes and Standards  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 47>

Accession number:20141117447759  
Title:Plane displacement measurement of rigid body by laser speckle  
Authors:Zhong, Chuan (1); Shen, Changyu (1); Lin, Zhaoxiang (2); Li, Ke (1)  
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou, Zhejiang, 310018, China; (2) South-Central University For Nationalities, Wuhan, Hubei, 430065, China  
Source title:Optics InfoBase Conference Papers  
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Conference code:83769  
Sponsor:Ethernet Alliance  
Publisher:Optical Society of America  
Number of references:12  
Main heading:Photonics  
Controlled terms:Exhibitions - Image processing - Rigid structures - Speckle  
Uncontrolled terms:Cross correlations - Laser speckle - Measurement system - Plane displacement - Rigid body - Speckle images  
Classification code:408 Structural Design - 741 Light, Optics and Optical Devices - 741.1 Light/Optics - 902.2 Codes and Standards  
Database:Compendex  
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 48>

Accession number:20141617587311  
Title:A novel FBG sensing head geometry for strain-temperature discrimination  
Authors:Zhou, Wenjun (1); Zhao, Chun-Liu (1); Huang, Jie (1); Dong, Xinyong (1)  
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou, China  
Corresponding author:Zhao, C.-L.(zhchunliu@hotmail.com)  
Source title:Optics InfoBase Conference Papers  
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Issue date:2009  
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Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2009  
Conference date:November 2, 2009 - November 6, 2009  
Conference location:Shanghai, China  
Conference code:104333  
Publisher:Optical Society of America  
Number of references:3  
Main heading:Fiber Bragg gratings  
Controlled terms:Exhibitions - Hydrofluoric acid - Photonics  
Uncontrolled terms:FBG sensing - Head geometry - Simultaneous measurement - Strain-temperature  
Classification code:741.3 Optical Devices and Systems - 804.2 Inorganic Compounds - 902.2 Codes and Standards  
Database:Compendex  
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<RECORD 49>

Accession number:20141117447763  
Title:Distributed optical fiber temperature sensor applied in underground coal gasification system  
Authors:Wang, Jianfeng (1); Hu, Chuanlong (1); Zhang, Zaixuan (1); Gong, Huaping (1); Jin, Yongxing (1); Shen, Changyu (1)  
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Xueyuan Street 258#, Xiasha High Education Area, Hangzhou, 310018, China

**Corresponding author:Wang, J.(wjfking@cjlu.edu.cn)**  
**Source title:Optics InfoBase Conference Papers**  
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**Issue date:2010**  
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**Conference name:Asia Communications and Photonics Conference and Exhibition, ACP 2010**  
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**Conference location:Shanghai, China**  
**Conference code:83769**  
**Sponsor:Ethernet Alliance**  
**Publisher:Optical Society of America**  
**Number of references:7**  
**Main heading:Carbonization**  
**Controlled terms:Exhibitions - Photonics - Temperature measurement**  
**Uncontrolled terms:Distributed optical fiber temperature sensors - Distributed optical fiber temperature sensors (DTS) - Gasification process - Measuring temperature - Underground coal gasification**  
**Classification code:445.1 Water Treatment Techniques - 712 Electronic and Thermionic Materials - 717 Optical Communication - 744 Lasers - 902.2 Codes and Standards - 944.6 Temperature Measurements**  
**Database:Compendex**  
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