Engineering Village

经检索“Engineering Village 2”， 以下论文被《Ei Compendex》收录。（检索时间 2014 年 3 月 19 日）。

<RECORD 1>

Accession number:20140817358323
Title:Sampling mechanism design and analysis of kinematic and dynamics
Authors:Liu, Yi Zhou (1); Cheng, Jia (2); Chen, Yuan Jie (2); Huang, Zhen Wei (2)
Author affiliation:(1) China Jiliang University, Hangzhou 310018, China; (2) Zhejiang Province Institute of Metrology, Hangzhou 310013, China; (3) Zhejiang Provincial Center of Intellectual Property Service, Hangzhou 310012, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:501-504
Monograph title:Advances in Civil and Structural Engineering III
Issue date:2014
Publication year:2014
Pages:2580-2585
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783038350057
Document type:Conference article (CA)
Conference name:3rd International Conference on Civil Engineering and Transportation, ICCET 2013
Conference date:December 14, 2013 - December 15, 2013
Conference location:Kunming, China
Conference code:102766
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:11
Main heading:Kinematics
Controlled terms:Belt conveyors - Civil engineering - Iron ores - Machine design - Materials handling equipment - Optimization
Uncontrolled terms:Adams simulation - Collision contacts - Design parameters - Kinematics simulation - Optimal sampling - Rotation angular velocity - Sampling mechanisms - Sampling theory
Classification code:931.1 Mechanics - 921.5 Optimization Techniques - 692.1 Conveyors - 691.1 Materials Handling Equipment - 601 Mechanical Design - 545.1 Iron - 409 Civil Engineering, General
DOI:10.4028/www.scientific.net/AMM.501-504.2580
Database:Compendex

<RECORD 2>

Accession number:20141017420149
Title:Autocorrelation processing and multiple characteristic recognition for ferrite crack detection signal
Authors:Hou, Dexing (1); Xu, Hao (1); Qiu, Jian (1); Ye, Shuliang (1)
Author affiliation:(1) College of Metrology and Measurement Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Ye, S.(IITMI_paper@126.com)
Source title:Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
Abbreviated source title:Yi Qi Yi Biao Xue Bao
Volume:35
Issue:1
Issue date:January 2014
Publication year:2014

Pages:117-124
Language:Chinese
ISSN:02543087
CODEN:YYXUDY
Document type:Journal article (JA)
Publisher:Science Press, 18,Shuangqing Street,Haidian, Beijing, 100085, China
Number of references:19
Main heading:Cracks
Controlled terms:Autocorrelation - Electric properties - Ferrite - Information technology - Nondestructive examination - Signal detection
Uncontrolled terms:Autocorrelation analysis - Autocorrelation functions - Detection methods - Detection models - Electronic information - Initial permeability - Multiple characteristics - Non destructive testing
Classification code:922 Statistical Methods - 921 Mathematics - 903 Information Science - 716.1 Information Theory and Signal Processing - 701.1 Electricity: Basic Concepts and Phenomena - 545.3 Steel - 421 Strength of Building Materials; Mechanical Properties
Database:Compendex

<RECORD 3>

Accession number:20141017416433
Title:Ho³⁺ doped fluorophosphate glasses sensitized by Yb³⁺ for efficient 2 μm laser applications
Authors:Chen, Hongfei (1); Chen, Fangze (1); Wei, Tao (1); Liu, Qunhuo (1); Shen, Ruixu (1); Tian, Ying (1)
Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Tian, Y.(tianyingcjlu@163.com)
Source title:Optics Communications
Abbreviated source title:Opt Commun
Volume:321
Issue date:June 15, 2014
Publication year:2014
Pages:183-188
Language:English
ISSN:00304018
CODEN:OPCOB8
Document type:Journal article (JA)
Publisher:Elsevier, P.O. Box 211, Amsterdam, 1000 AE, Netherlands
Number of references:43
Main heading:Glass
Controlled terms:Energy transfer - Judd-Ofelt theory - Laser applications - Ytterbium
Uncontrolled terms:Doped fluorophosphate glass - Emission cross section - Energy transfer coefficients - Fluorophosphate glass - Hydroxyl concentrations - Infrared transmittance - Infrared transmittance spectrum - Spontaneous transition probabilities
Classification code:547.2 Rare Earth Metals - 641.2 Heat Transfer - 744.9 Laser Applications - 812.3 Glass - 931.3 Atomic and Molecular Physics
DOI:10.1016/j.optcom.2014.01.072
Database:Compendex

<RECORD 4>

Accession number:20140817350042
Title:Thermal characteristics of semiconductor laser based on muti-chip packaging
Authors:Wang, Wen (1); Chu, Jinlei (2); Gao, Xin (1); Zhang, Jing (1); Qiao, Zhongliang (1); Bo, Baoxue (1)
Author affiliation:(1) National Key Laboratory on High Power Semiconductor Lasers, Changchun

University of Science and Technology, Changchun 130022, China; (2) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Wang, W.(bbx@cust.edu.cn)
Source title:Qiangjiguang Yu Lizishu/High Power Laser and Particle Beams
Abbreviated source title:Qiangjiguang Yu Lizishu
Volume:26
Issue:1
Issue date:January 2014
Publication year:2014
Article number:011015
Language:Chinese
ISSN:10014322
CODEN:QYLIEL
Document type:Journal article (JA)
Publisher:Editorial Office of High Power Laser and Particle Beams, P.O. Box 919-805, Mianyang, 621900, China
Number of references:12
Main heading:Semiconductor lasers
Controlled terms:Heat sinks
Uncontrolled terms:2-group - Active regions - High-to-low - Multi-chip - Steady-state - Temperature differences - Thermal characteristics
Classification code:714.2 Semiconductor Devices and Integrated Circuits
DOI:10.3788/HPLPB201426.011015
Database:Compendex

<RECORD 5>

Accession number:20140917403362
Title:Research on the pharmacokinetics and elimination of Epigallocatechin Gallate (EGCG) in mice
Authors:Liu, Yang (1); Ge, Jian (1); Wang, Meng-Xin (1); Cui, Lin (1); Han, Bao-Yu (2)
Author affiliation:(1) Department of Pharmacy, China Jiliang University, Hangzhou 310018, China; (2) Zhejiang Provincial Key Laboratory of Biometrology and Inspection and Quarantine, #258 XueYuan Street, XiaSha Higher Education Zone, Hangzhou 310018, Zhejiang Province, China
Corresponding author:Ge, J.
Source title:Lecture Notes in Electrical Engineering
Abbreviated source title:Lect. Notes Electr. Eng.
Volume:269 LNEE
Monograph title:Frontier and Future Development of Information Technology in Medicine and Education, ITME 2013
Issue date:2014
Publication year:2014
Pages:1291-1298
Language:English
ISSN:18761100
E-ISSN:18761119
ISBN-13:9789400776173
Document type:Conference article (CA)
Conference name:5th International Symposium on IT in Medicine and Education, ITME 2013
Conference date:July 19, 2013 - July 21, 2013
Conference location:Xining, China
Conference code:102717
Publisher:Springer Verlag, Tiergartenstrasse 17, Heidelberg, D-69121, Germany
Number of references:8
Main heading:Tissue engineering
Controlled terms:Body fluids - Drug products - Histology - Information technology - Mammals - Metabolism - Pharmacokinetics - Tissue
Uncontrolled terms:Coefficients of variations - EGCG - Elimination - Epigallocatechin gallate - Metabolic kinetics - Mice plasma - RP-HPLC - RP-HPLC method

Classification code:461 Bioengineering and Biology - 821 Agricultural Equipment and Methods; Vegetation and Pest Control - 903 Information Science
DOI:10.1007/978-94-007-7618-0_135
Database:Compendex

<RECORD 6>

Accession number:IP53025316
Title:Quad-rotor unmanned helicopter control via novel robust terminal sliding mode controller and under-actuated system sliding mode controller
Authors:Zheng, Enhui (1); Xiong, Jingjing (1)
Author affiliation:(1) College of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Zheng, E.(ehzheng@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:Sliding mode control
Controlled terms:Algorithms - Controllers - Helicopter rotors
Uncontrolled terms:Composite applications - Composite control - External disturbances - Sliding mode controller - Terminal sliding mode - Terminal sliding mode control - Under-actuated systems - Unmanned helicopter
Classification code:601.1 Mechanical Devices - 723 Computer Software, Data Handling and Applications - 731.1 Control Systems - 732.1 Control Equipment - 921 Mathematics
DOI:10.1016/j.ijleo.2013.11.069
Database:Compendex

<RECORD 7>

Accession number:20140817347946
Title:Synchronization and state feedback control of linearly coupled singular systems
Authors:Fang, Qingxiang (1)
Author affiliation:(1) College of Science, China Jiliang University, Hangzhou 310018, China
Corresponding author:Fang, Q.(qingxiang.fang@gmail.com)
Source title:Applied Mathematics and Computation
Abbreviated source title:Appl. Math. Comput.
Volume:232
Issue date:April 12, 2014
Publication year:2014
Pages:381-390
Language:English
ISSN:00963003
CODEN:AMHCBQ
Document type:Journal article (JA)
Publisher:Elsevier Inc., 360 Park Avenue South, New York, NY 10010, United States
Number of references:62
Main heading:Synchronization
Controlled terms:Eigenvalues and eigenfunctions - Feedback control - Linear matrix inequalities - State feedback
Uncontrolled terms:Coupling matrix - Dynamical behaviors - Globally exponential synchronization - Lyapunov stability theory - Singular system - Stability analysis - State feedback controller - Synchronization manifolds
Classification code:731.1 Control Systems - 921.1 Algebra

DOI:10.1016/j.amc.2014.01.092
Database:Compendex

<RECORD 8>

Accession number:IP53022191
Title:Preparation and enhanced photocatalytic performance of one-dimensional ZnO nanorods
Authors:Lin, Jialian (1); Wang, Dongfang (2); Chen, Da (2); Ge, Qisheng (2); Ping, Guangxing (2); Fan, Meiqiang (2); Qin, Laishun (2); Shu, Kangying (2)
Author affiliation:(1) Office of Academic Affairs Zhejiang Gongshang University Hangzhou 310018 Zhejiang Province China; (2) College of Materials Science and Engineering China Jiliang University Hangzhou 310018 Zhejiang Province China
Corresponding author:Chen, D.(dchen_80@hotmail.com)
Source title:Environmental Progress and Sustainable Energy
Abbreviated source title:Environ Prog Sustainable Energy
Issue date:2014
Publication year:2014
Language:English
ISSN:19447442
E-ISSN:19447450
CODEN:ENVPDI
Document type:Article in Press
Number of references:42
Main heading:Zinc oxide
Controlled terms:Field emission microscopes - Fourier transform infrared spectroscopy - Nanorods - Photocatalysis - X ray diffraction - Zinc sulfide
Uncontrolled terms:Acetate precursors - Diethylene glycol - Field emission scanning electron microscopy - Growth mechanisms - Hexagonal wurtzite - Initial solution - Photocatalytic activities - Photocatalytic performance
Classification code:741.1 Light/Optics - 741.3 Optical Devices and Systems - 761 Nanotechnology - 801 Chemistry - 804.2 Inorganic Compounds - 933 Solid State Physics - 933.1.1 Crystal Lattice
DOI:10.1002/ep.11957
Database:Compendex

<RECORD 9>

Accession number:20140917403363
Title:Simultaneous determination of five Phthalic Acid Esters (PAEs) in soil and air
Authors:Hu, Tian-Yu (1); Liu, Yang (1); Hu, Hua-Jun (1); Wang, Meng-Xin (1); Han, Bao-Yu (2); Ge, Jian (2)
Author affiliation:(1) College of Life Sciences, China Jiliang University, Hangzhou 310018, China; (2) Zhejiang Provincial Key Laboratory of Biometrology and Inspection and Quarantine, China Jiliang University, Hangzhou 310018, China; (3) XiaSha Higher Education Zone, Zhejiang Province, #258 XueYuan Street, Hangzhou 310018, China
Corresponding author:Ge, J.(gejian16888@163.com)
Source title:Lecture Notes in Electrical Engineering
Abbreviated source title:Lect. Notes Electr. Eng.
Volume:269 LNEE
Monograph title:Frontier and Future Development of Information Technology in Medicine and Education, ITME 2013
Issue date:2014
Publication year:2014
Pages:1299-1306
Language:English
ISSN:18761100
E-ISSN:18761119
ISBN-13:9789400776173

Document type:Conference article (CA)
Conference name:5th International Symposium on IT in Medicine and Education, ITME 2013
Conference date:July 19, 2013 - July 21, 2013
Conference location:Xining, China
Conference code:102717
Publisher:Springer Verlag, Tiergartenstrasse 17, Heidelberg, D-69121, Germany
Number of references:11
Main heading:Soils
Controlled terms:Air - Carboxylic acids - Chemicals - Esterification - Esters - Gas generators - Information technology
Uncontrolled terms:Analytical columns - Capillary columns - Coefficients of variations - Flame ionization detectors - GC-FID - Lower limit of quantifications - Phthalic acid esters - Simultaneous determinations
Classification code:483.1 Soils and Soil Mechanics - 522 Gas Fuels - 802.2 Chemical Reactions - 804 Chemical Products Generally - 804.1 Organic Compounds - 903 Information Science
DOI:10.1007/978-94-007-7618-0_136
Database:Compendex

<RECORD 10>

Accession number:20140917399448
Title:Optimal design of equivalent water depth truncated mooring system based on baton pattern simulated annealing algorithm
Authors:Zhang, Huo-ming (1); Huang, Sai-hua (2); Guan, Wei-bing (3)
Author affiliation:(1) College of Metrology Technology and Engineering, China Jiliang University, Hangzhou, 310018, China; (2) Department of Ocean Science and Engineering, Zhejiang University, Hangzhou, 310058, China; (3) The Second Institute of Oceanography, China State Oceanic Administration, Hangzhou, 310012, China
Corresponding author:Zhang, H.-M.(zhm102018@163.com)
Source title:China Ocean Engineering
Abbreviated source title:China Ocean Eng
Volume:28
Issue:1
Issue date:March 2014
Publication year:2014
Pages:67-80
Language:English
ISSN:08905487
CODEN:COCEEC
Document type:Journal article (JA)
Publisher:Springer Verlag, Tiergartenstrasse 17, Heidelberg, D-69121, Germany
Number of references:20
Main heading:Mooring
Controlled terms:Ocean structures - Optimal systems - Simulated annealing
Uncontrolled terms:FPSO - Hybrid model - Optimization approach - Optimization design - Water depth
Classification code:472 Ocean Engineering - 672 Naval Vessels - 921 Mathematics - 961 Systems Science
DOI:10.1007/s13344-014-0005-8
Database:Compendex

<RECORD 11>

Accession number:20140817360964
Title:≈2 μm Luminescence properties and nonradiative processes of Tm ³⁺ in silicate glass
Authors:Liu, Xueqiang (1); Li, Ming (1); Wang, Xin (1); Huang, Feifei (1); Ma, Yaoyao (1); Zhang,

Junjie (3); Hu, Lili (1); Chen, Danping (1)
Author affiliation:(1) Key Laboratory of Materials for High Power Laser, Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, Shanghai 201800, China; (2) Graduate School of Chinese Academy of Science, Beijing 100039, China; (3) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Chen, D.(dpchen2008@aliyun.com)
Source title:Journal of Luminescence
Abbreviated source title:J Lumin
Volume:150
Issue date:June 2014
Publication year:2014
Pages:40-45
Language:English
ISSN:00222313
CODEN:JLUMA8
Document type:Journal article (JA)
Publisher:Elsevier, P.O. Box 211, Amsterdam, 1000 AE, Netherlands
Number of references:27
Main heading:Luminescence
Controlled terms:Fluorine compounds - Glass - Luminescence of inorganic solids - Quantum efficiency - Quenching - Silicates
Uncontrolled terms:Emission cross section - Fluoride - Fluoride additions - Luminescence intensity - Luminescence properties - Multiphonon relaxations - Nonradiative process - Silicate glass
Classification code:931.4 Quantum Theory; Quantum Mechanics - 812.3 Glass - 812 Ceramics, Refractories and Glass - 804.1 Organic Compounds - 741.1 Light/Optics - 537.1 Heat Treatment Processes - 414 Masonry Materials
DOI:10.1016/j.jlumin.2014.01.030
Database:Compendex

<RECORD 12>

Accession number:20140817363905
Title:Emulsifying and foaming properties of soy protein isolates with covalent modification by (-)-epigallocatechin-3-gallate
Authors:Zheng, M. (1); Jia, Z.B. (1); Jiang, J.X. (1)
Author affiliation:(1) College of Life Sciences, ZheJiang Provincial Key Laboratory of Biometrology and Inspection and Quarantin, China Jiliang University, Hangzhou, Zhejiang, 310018, China
Corresponding author:Jia, Z.B.
Source title:Advance Journal of Food Science and Technology
Abbreviated source title:Adv. J. Food Sci. Technol.
Volume:6
Issue:2
Issue date:2014
Publication year:2014
Pages:238-240
Language:English
ISSN:20424868
E-ISSN:20424876
Document type:Journal article (JA)
Publisher:Maxwell Science Publications, 74, Kenelm Road,, B10, 9AJ, Birmingham, Small Heath, United Kingdom
Number of references:13
Main heading:Emulsification
Controlled terms:Electrophoresis - Proteins - Sodium dodecyl sulfate
Uncontrolled terms:Covalent modifications - EGCG - Emulsifying activity - Epigallocatechin-3-gallate - Functional properties - Modification - Sodium dodecyl sulfate-polyacrylamide gel electrophoresis - Soy protein isolates
Classification code:801.3 Colloid Chemistry - 802.3 Chemical Operations - 803 Chemical Agents and

Basic Industrial Chemicals - 804 Chemical Products Generally - 804.1 Organic Compounds
Database:Compendex

<RECORD 13>

Accession number:20140917403361
Title:Simultaneous determination of atractylenolide II and III in rhizoma atractylodes macrocephalae and Chinese medicinal preparation by reverse-phase high-performance liquid chromatography
Authors:Sun, Xiao-Hong (1); Ge, Jian (2)
Author affiliation:(1) Shaoxing University, Yuanpei College, Shaoxing 312000, China; (2) College of Life Science, China Jiliang University, #258 XueYuan Street, XiaSha Higher Education Zone, Hangzhou 310018, Zhejiang Province, China
Corresponding author:Ge, J.(gejian16888@163.com)
Source title:Lecture Notes in Electrical Engineering
Abbreviated source title:Lect. Notes Electr. Eng.
Volume:269 LNEE
Monograph title:Frontier and Future Development of Information Technology in Medicine and Education, ITME 2013
Issue date:2014
Publication year:2014
Pages:1283-1289
Language:English
ISSN:18761100
E-ISSN:18761119
ISBN-13:9789400776173
Document type:Conference article (CA)
Conference name:5th International Symposium on IT in Medicine and Education, ITME 2013
Conference date:July 19, 2013 - July 21, 2013
Conference location:Xining, China
Conference code:102717
Publisher:Springer Verlag, Tiergartenstrasse 17, Heidelberg, D-69121, Germany
Number of references:16
Main heading:High performance liquid chromatography
Controlled terms:Chromatography - Information technology - Organic solvents
Uncontrolled terms:Atractylenolide II - Atractylenolide III - Lower limit of quantifications - Reverse phase high-performance liquid chromatography - Rhizoma atractylodes macrocephalae - RP-HPLC - Simultaneous determinations - Traditional Chinese Medicine

Classification code:801 Chemistry - 803 Chemical Agents and Basic Industrial Chemicals - 903 Information Science
DOI:10.1007/978-94-007-7618-0_134
Database:Compendex

<RECORD 14>

Accession number:20140817355584
Title:Electronic phase diagram in a new BiS<inf>2</inf>-based Sr <inf>1-x</inf>La<inf>x</inf>FBiS<inf>2</inf> system
Authors:Li, Yuke (1); Lin, Xi (1); Li, Lin (1); Zhou, Nan (1); Xu, Xiaofeng (1); Cao, Chao (1); Dai, Jianhui (1); Zhang, Li (3); Luo, Yongkang (2); Jiao, Wenhe (2); Tao, Qian (2); Cao, Guanghan (2); Xu, Zhuan (2)
Author affiliation:(1) Department of Physics, Hangzhou Key Laboratory of Quantum Matters, Hangzhou Normal University, Hangzhou 310036, China; (2) State Key Lab of Silicon Materials, Department of Physics, Zhejiang University, Hangzhou 310027, China; (3) Department of Physics, China Jiliang University, Hangzhou 310018, China
Source title:Superconductor Science and Technology

Abbreviated source title:Supercond Sci Technol
Volume:27
Issue:3
Issue date:March 2014
Publication year:2014
Article number:035009
Language:English
ISSN:09532048
E-ISSN:13616668
CODEN:SUSTEF
Document type:Journal article (JA)
Publisher:Institute of Physics Publishing, Temple Circus, Temple Way, Bristol, BS1 6BE, United Kingdom
Number of references:32
Main heading:Superconductivity
Controlled terms:Activation energy - Magnetic susceptibility - Phase diagrams - Semiconductor doping - X ray diffraction
Uncontrolled terms:Associated electronics - Electrical transport - Electronic phase diagram - Hall effect measurement - Lower temperatures - Parent compounds - Partial substitution - Thermal activation energies
Classification code:531 Metallurgy and Metallography - 701 Electricity and Magnetism - 714.2 Semiconductor Devices and Integrated Circuits - 801.4 Physical Chemistry - 931.3 Atomic and Molecular Physics
DOI:10.1088/0953-2048/27/3/035009
Database:Compendex

<RECORD 15>

Accession number:20140917365936
Title:An algorithm research of supervised LLE based on Mahalanobis distance and extreme learning machine
Authors:He, Ling-Min (1); Jin, Wei (1); Yang, Xiao-Bin (1); Wang, Kang-Jian (1)
Author affiliation:(1) College of Information Engineering, China Jiliang University, Hangzhou, China
Source title:2013 3rd International Conference on Consumer Electronics, Communications and Networks, CECNet 2013 - Proceedings
Abbreviated source title:Int. Conf. Consum. Electron., Commun. Networks, CECNet - Proc.
Monograph title:2013 3rd International Conference on Consumer Electronics, Communications and Networks, CECNet 2013 - Proceedings
Issue date:2013
Publication year:2013
Pages:76-79
Article number:6703276
Language:English
ISBN-13:9781479928590
Document type:Conference article (CA)
Conference name:2013 3rd International Conference on Consumer Electronics, Communications and Networks, CECNet 2013
Conference date:November 20, 2013 - November 22, 2013
Conference location:Xianning, China
Conference code:102578
Publisher:IEEE Computer Society, 2001 L Street N.W., Suite 700, Washington, DC 20036-4928, United States
Number of references:15
Main heading:Learning systems
Controlled terms:Consumer electronics - Knowledge acquisition - Pattern recognition - Reduction
Uncontrolled terms:Extreme learning machine - Locally linear embedding - Mahalanobis distances - recognition - supervised

Classification code:715 Electronic Equipment, General Purpose and Industrial - 716 Telecommunication; Radar, Radio and Television - 723.4 Artificial Intelligence - 802.2 Chemical Reactions - 913 Production Planning and Control; Manufacturing
DOI:10.1109/CECNet.2013.6703276
Database:Compendex

<RECORD 16>

Accession number:20141017420634
Title:A framework for detecting the self-heating source in oil tank
Authors:Liu, Hui (1); Hu, Yunfei (1)
Author affiliation:(1) College of Quality and Safety Engineering, China Jiliang University, Xueyuan Street, Xiasha Higher Education District, Hangzhou, 310018, China
Source title:Sensors and Transducers
Abbreviated source title:Sensors Transducers
Volume:159
Issue:11
Issue date:2013
Publication year:2013
Pages:60-65
Language:English
E-ISSN:17265479
Document type:Journal article (JA)
Publisher:International Frequency Sensor Association, 46 Thorny Vineway, Toronto, ON M2J 4J2, Canada
Number of references:10
Main heading:Oil tanks
Controlled terms:Error detection - Exothermic reactions - Heating
Uncontrolled terms:Design and construction - Detection system - Heat transfer effects - Infrared detection - Infrared technique - Research achievements - Self-heating - Temperature differences
Classification code:523 Liquid Fuels - 643.1 Space Heating - 721.1 Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory - 801.4 Physical Chemistry
Database:Compendex

<RECORD 17>

Accession number:20140917374873
Title:A novel pre-processing and adaptive statistical threshold for sphere detection in MIMO systems
Authors:Cao, Haiyan (1); Li, Jun (3); Fang, Xin (1); Wang, Xiumin (3)
Author affiliation:(1) College of Communication Engineering, Hangzhou Dianzi University, Hangzhou 310018, China; (2) School of Information Engineering, Hangzhou Dianzi University, Hangzhou 310018, China; (3) College of Information Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Li, J.(roage.li@gmail.com)
Source title:Eurasip Journal on Wireless Communications and Networking
Abbreviated source title:Eurasip J. Wireless Commun. Networking
Volume:2013
Issue:1
Issue date:December 2013
Publication year:2013
Article number:275
Language:English
ISSN:16871472
E-ISSN:16871499
Document type:Journal article (JA)
Publisher:Springer International Publishing AG, Gewerbestrasse 11, Cham (ZG), 6330, Switzerland

Number of references:10
Main heading:MIMO systems
Controlled terms:Decoding
Uncontrolled terms:Adaptive thresholds - Complexity reduction - Conventional approach - Multiple-input-multiple-output systems - Performance degradation - Sphere detection - Statistical threshold - Successive interference cancelations
Classification code:716.1 Information Theory and Signal Processing - 961 Systems Science
DOI:10.1186/1687-1499-2013-275
Database:Compendex

<RECORD 18>

Accession number:20141017419557
Title:Terahertz Brewster polarizing beam splitter on a polymer substrate
Authors:Zhang, Mengen (1); Li, Xiangjun (1); Liang, Shixiong (2); Liu, Pingan (1); Liu, Jianjun (1); Hong, Zhi (1)
Author affiliation:(1) Centre for THz Research, China Jiliang University, Hangzhou 310018, China; (2) Science and Technology on ASIC Laboratory, Hebei Semiconductor Research Institute, Shijiazhuang 050051, China
Corresponding author:Hong, Z.(hongzhi@cjlu.edu.cn)
Source title:Chinese Optics Letters
Abbreviated source title:Chin. Opt. Lett.
Volume:11
Issue:12
Issue date:December 2013
Publication year:2013
Pages:18
Article number:122301
Language:English
ISSN:16717694
Document type:Journal article (JA)
Publisher:Science Press, 18,Shuangqing Street,Haidian, Beijing, 100085, China
Number of references:17
Main heading:Finite element method
Controlled terms:Light extinction
Uncontrolled terms:Backward-wave oscillators - Broad frequency range - Extinction ratios - Measurement system - Polarizing beam splitters - Polymer substrate - Terahertz - THz time domain spectroscopy
Classification code:741.1 Light/Optics - 921.6 Numerical Methods
DOI:10.3788/COL201311.122301
Database:Compendex

<RECORD 19>

Accession number:20140817362130
Title:Upconversion luminescence of BaF<inf>2</inf>:Yb³⁺/Tm³⁺nanocrystals
Authors:Li, Chenxia (1); Xu, Shiqing (1); Ye, Renguang (1); Zhao, Shilong (1); Deng, Degang (1); Zhuang, Songlin (2)
Author affiliation:(1) College of Optical and Electronic 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:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2009
Issue date:2009
Publication year:2009

Language:English
E-ISSN:21622701
ISBN-13:9781424438303
Document type:Conference article (CA)
Conference name:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2009
Conference date:August 30, 2009 - September 3, 2009
Conference location:Shanghai, China
Conference code:102747
Publisher:Optical Society of America, 2010 Massachusetts Ave, NW, Washington, DC, DC 20036-1023, United States
Number of references:4
Main heading:Barium compounds
Controlled terms:Glass ceramics - Nanocrystals
Uncontrolled terms:Oxyfluoride glass ceramics - Precursor glass - Spectroscopic property - Up-conversion - Up-conversion luminescence
Classification code:761 Nanotechnology - 804.1 Organic Compounds - 812.1 Ceramics
Database:Compendex

<RECORD 20>

Accession number:20140817362219
Title:Reflective spectral of multiple phase-shifted fiber bragg grating
Authors:Shen, Changyu (1); Li, Ke (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:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2009
Issue date:2009
Publication year:2009
Language:English
E-ISSN:21622701
ISBN-13:9781424438303
Document type:Conference article (CA)
Conference name:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2009
Conference date:August 30, 2009 - September 3, 2009
Conference location:Shanghai, China
Conference code:102747
Publisher:Optical Society of America, 2010 Massachusetts Ave, NW, Washington, DC, DC 20036-1023, United States
Number of references:3
Main heading:Phase shift
Controlled terms:Fiber Bragg gratings - Transfer matrix method
Uncontrolled terms:Coupled-mode theory - Phase shifted - Phase shifted fiber bragg grating (PSFBG) - Transmission wavelength
Classification code:741.3 Optical Devices and Systems - 921 Mathematics - 942.2 Electric Variables Measurements
Database:Compendex

<RECORD 21>

Accession number:20140817362209
Title:Temperature-independent inclination management with fiber bragg grating sensor
Authors:Ni, Kai (1); Dong, Xinyong (1); He, Shaoling (1); Xu, Haisong (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:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2009
Issue date:2009
Publication year:2009
Language:English
E-ISSN:21622701
ISBN-13:9781424438303
Document type:Conference article (CA)
Conference name:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2009
Conference date:August 30, 2009 - September 3, 2009
Conference location:Shanghai, China
Conference code:102747
Publisher:Optical Society of America, 2010 Massachusetts Ave, NW, Washington, DC, DC 20036-1023, United States
Number of references:7
Main heading:Fiber Bragg gratings
Controlled terms:Fiber optic sensors
Uncontrolled terms:Fiber Bragg Grating Sensors - Fiber Bragg gratings (FBGs) - High sensitivity - Temperature-insensitive - Tilt angle - Tilt measurement - Tilt sensor
Classification code:741.1.2 Fiber Optics - 741.3 Optical Devices and Systems
Database:Compendex

<RECORD 22>

Accession number:20140817362090
Title:White light emitting from Ba<inf>2</inf>MgSi<inf>2</inf>O<inf>7</inf>: Ce³⁺, Tb³⁺ phosphor
Authors:Shen, Changyu (1); Li, Ke (1); Yang, Yi (1); Jin, Shangzhong (1)
Author affiliation:(1) Insitute of Optoelectronic Technology, China Jiliang University, Hangzhou, Zhejiang 310018, China
Corresponding author:Shen, C.(shenchangyu@gmail.com)
Source title:Optics InfoBase Conference Papers
Abbreviated source title:Opt.InfoBase Conf. Papers
Monograph title:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2009
Issue date:2009
Publication year:2009
Language:English
E-ISSN:21622701
ISBN-13:9781424438303
Document type:Conference article (CA)
Conference name:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2009
Conference date:August 30, 2009 - September 3, 2009
Conference location:Shanghai, China
Conference code:102747
Publisher:Optical Society of America, 2010 Massachusetts Ave, NW, Washington, DC, DC 20036-1023, United States
Number of references:2
Main heading:Light emitting diodes
Controlled terms:Light emission - X ray powder diffraction
Uncontrolled terms:Emission bands - White LED - White light-emitting - X-ray powder - YTb³⁺
Classification code:741.1 Light/Optics - 931.3 Atomic and Molecular Physics
Database:Compendex

<RECORD 23>

Accession number:20140817362230
Title:Measurement and experiment research of the Raman gain spectrums in optical fiber
Authors:Jin, Yongxing (1); Gong, Huaping (1); Shen, Changyu (1)
Author affiliation:(1) Insitute 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:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2009
Issue date:2009
Publication year:2009
Language:English
E-ISSN:21622701
ISBN-13:9781424438303
Document type:Conference article (CA)
Conference name:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2009
Conference date:August 30, 2009 - September 3, 2009
Conference location:Shanghai, China
Conference code:102747
Publisher:Optical Society of America, 2010 Massachusetts Ave, NW, Washington, DC, DC 20036-1023, United States
Number of references:3
Main heading:Optical fibers
Uncontrolled terms:Experiment research - Gain coefficients - Raman gain - Raman gain coefficients - Small signal gain - Spontaneous emission spectrum - Stimulated Raman
Classification code:741.1.2 Fiber Optics
Database:Compendex