经检索“Engineering Village 2”， 以下论文被《Ei Compendex》收录。（检索时间 2014 年 5 月 13 日）。

<RECORD 1>

Accession number:20141717611063
Title:High-performance reflective liquid level sensor based on titled fiber Bragg grating inscribed in the thin-core fiber
Authors:Gu, Bobo (1); Qi, Wenliang (1); Zhou, Yanyan (1); Zheng, Jie (1); Shum, Perry Ping (1); Luan, Feng (1)
Author affiliation:(1) School of Electrical and Electronics Engineering, Nanyang Technological University, Singapore; (2) CINTRA CNRS/NTU/THALES, UMI 3288, Research Techno Plaza, 50 Nanyang Drive, Singapore; (3) Precision Measurements Group, Singapore Institute of Manufacturing Technology, 71 Nanyang Drive, Singapore; (4) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou, China
Corresponding author:Luan, F.(luanfeng@ntu.edu.sg)
Source title:Optics InfoBase Conference Papers
Abbreviated source title:Opt.InfoBase Conf. Papers
Monograph title:Optical Fiber Communication Conference, OFC 2014
Issue date:2014
Publication year:2014
Language:English
E-ISSN:21622701
ISBN-13:9781557529930
Document type:Conference article (CA)
Conference name:Optical Fiber Communication Conference, OFC 2014
Conference date:March 9, 2014 - March 13, 2014
Conference location:San Francisco, CA, United states
Conference code:104500
Publisher:Optical Society of America
Number of references:6
Main heading:Fibers
Controlled terms:Fiber Bragg gratings - Sensors
Uncontrolled terms:High sensitivity - Liquid level sensors - Thin-core fibers - Tilted fiber Bragg grating
Classification code:741.3 Optical Devices and Systems - 801 Chemistry - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 2>

Accession number:20141717604261
Title:A fiber air-gap Fabry-Pérot temperature sensor demodulated by using frequency modulated continuous wave
Authors:Zheng, Wanfu (1); Xie, Jianglei (1); Li, Yi (1); Xu, Ben (1); Kang, Juan (1); Shen, Changyu (1); Wang, Jianfeng (1); Jin, Yongxing (1); Liu, Honglin (1); Ni, Kai (1); Dong, Xinyong (1); Zhao, Chunliu (1); Jin, Shangzhong (1)
Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Li, Y.(yli@cjlu.edu.cn)
Source title:Optics Communications
Abbreviated source title:Opt Commun
Volume:324
Issue date:August 15, 2014
Publication year:2014

Pages:234-237
Language:English
ISSN:00304018
CODEN:OPCOB8
Document type:Journal article (JA)
Publisher:Elsevier
Number of references:13
Main heading:Fibers
Controlled terms:Demodulation - Optical resolving power - Optical variables measurement - Temperature measurement
Uncontrolled terms:FMCW - Frequency-modulated continuous waves - High-speed interrogation - Long term performance - Measurement resolution - Temperature resolution - Temperature sensitivity - Wavelength shift detection
Classification code:716 Telecommunication; Radar, Radio and Television - 741.1 Light/Optics - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications - 941.4 Optical Variables Measurements - 944.6 Temperature Measurements
DOI:10.1016/j.optcom.2014.03.065
Database:Compendex

<RECORD 3>

Accession number:IP53106557
Title:A twin projection support vector machine for data regression
Authors:Peng, Xinjun (1); Xu, Dong (1); Shen, Jindong (3)
Author affiliation:(1) Mathematics Department, Shanghai Normal University, Shanghai 200234, PR China; (2) Scientific Computing Key Laboratory of Shanghai Universities, Shanghai 200234, PR China; (3) Mathematics Department, China Jiliang University, Hangzhou 310018, PR China
Corresponding author:Peng, X.(xjpeng@shnu.edu.cn)
Source title:Neurocomputing
Abbreviated source title:Neurocomputing
Issue date:2014
Publication year:2014
Language:English
ISSN:09252312
E-ISSN:18728286
CODEN:NRCGEO
Document type:Article in Press
Main heading:Support vector machines
Controlled terms:Algorithms - Regression analysis
Uncontrolled terms:Empirical correlations - Generalization performance - Optimization problems - Prediction performance - Regression function - Support vector regression (SVR) - Support vectors(SVs) - Up- and down-bound functions
Classification code:723 Computer Software, Data Handling and Applications - 922.2 Mathematical Statistics
DOI:10.1016/j.neucom.2014.02.028
Database:Compendex

<RECORD 4>

Accession number:20141817644449
Title:Electrochemical properties of xLiFePO<inf>4</inf>·yLi<inf>3</inf>V<inf>2</inf>(PO<inf>4</inf>)<inf>3</inf>/C nanosized composite cathode materials prepared by solid reaction method
Authors:Wang, Ling (1); Gao, Peng-Zhao (1); Li, Dong-Yun (2); Tian, Guang-Lei (2)
Author affiliation:(1) College of Materials Science and Engineering, Hunan University, Changsha 410082, China; (2) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China

Corresponding author:Gao, P.-Z.(gaopengzhao7602@hnu.edu.cn)
Source title:Key Engineering Materials
Abbreviated source title:Key Eng Mat
Volume:602-603
Monograph title:High-Performance Ceramics VIII
Issue date:2014
Publication year:2014
Pages:893-897
Language:English
ISSN:10139826
CODEN:KEMAEY
ISBN-13:9783038350415
Document type:Conference article (CA)
Conference name:8th International Conference on High-Performance Ceramics, CICC 2013
Conference date:November 4, 2013 - November 7, 2013
Conference location:Chongqing, China
Conference code:104602
Publisher:Trans Tech Publications Ltd
Number of references:24
Main heading:Cathodes
Controlled terms:Ceramic materials - Dispersions - Electrochemical properties - Lithium - Lithium alloys - Lithium compounds - Microstructure - Transmission electron microscopy - X ray diffraction
Uncontrolled terms:Capacity retention - Carbon layers - Composite cathode material - Cycle performance - Electrochemical measurements - First discharge - Nanosized composites - Solid reaction method
Classification code:549.1 Alkali Metals - 704.1 Electric Components - 741.3 Optical Devices and Systems - 801.4.1 Electrochemistry - 804.1 Organic Compounds - 812.1 Ceramics - 933 Solid State Physics - 933.1.1 Crystal Lattice - 951 Materials Science
DOI:10.4028/www.scientific.net/KEM.602-603.893
Database:Compendex

<RECORD 5>

Accession number:20141717604313
Title:Bifurcation and stability analysis of steady states to a Brusselator model
Authors:Ma, Manjun (1); Hu, Jiajia (2)
Author affiliation:(1) School of Science, Zhejiang Sci-Tech University, Hangzhou, Zhejiang 310018, China; (2) College of Science, China Jiliang University, Hangzhou, Zhejiang 310018, China
Corresponding author:Ma, M.(mjunm9@hotmail.com)
Source title:Applied Mathematics and Computation
Abbreviated source title:Appl. Math. Comput.
Volume:236
Issue date:June 1, 2014
Publication year:2014
Pages:580-592
Language:English
ISSN:00963003
CODEN:AMHCBQ
Document type:Journal article (JA)
Publisher:Elsevier Inc.
Number of references:19
Main heading:Bifurcation (mathematics)
Controlled terms:Convergence of numerical methods - Eigenvalues and eigenfunctions - Stability criteria
Uncontrolled terms:Bifurcation parameter - Brusselators - Existence and boundedness - Global bifurcation theory - Global bifurcations - Pattern - Principal eigenvalues - Steady state solution
Classification code:921 Mathematics - 961 Systems Science
DOI:10.1016/j.amc.2014.02.075

Database:Compendex

<RECORD 6>

Accession number:IP53105097
Title:Second order sliding mode control for a quadrotor UAV
Authors:Zheng, En-Hui (1); Xiong, Jing-Jing (1); Luo, Ji-Liang (2)
Author affiliation:(1) College of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou 310018, PR China; (2) College of Information Science and Engineering, Huaqiao University, Xiamen 361021, PR China
Corresponding author:Xiong, J.-J.(jjxiong357@gmail.com)
Source title:ISA Transactions
Abbreviated source title:ISA Trans
Issue date:2014
Publication year:2014
Language:English
ISSN:00190578
CODEN:ISATAZ
Document type:Article in Press
Main heading:Aircraft
Controlled terms:Errors - Sliding mode control
Uncontrolled terms:Attitude tracking control - Design controllers - Extensive simulations - Flight controllers - Linear combinations - Nonlinear coefficient - Second-order sliding-mode control - Two state Variables
Classification code:652.1 Aircraft, General - 731 Automatic Control Principles and Applications - 731.1 Control Systems - 921 Mathematics
DOI:10.1016/j.isatra.2014.03.010
Database:Compendex

<RECORD 7>

Accession number:IP53099239
Title:Review of gas/particle flow, coal combustion, and NO<inf>x</inf> emission characteristics within down-fired boilers
Authors:Kuang, Min (1); Li, Zhengqi (2)
Author affiliation:(1) Institute of Thermal Engineering, China Jiliang University, Hangzhou 310018, PR China; (2) School of Energy Science and Engineering, Harbin Institute of Technology, Harbin 150001, PR China
Corresponding author:Kuang, M.(kmwust@163.com)
Source title:Energy
Abbreviated source title:Energy
Issue date:2014
Publication year:2014
Language:English
ISSN:03605442
CODEN:ENEYDS
Document type:Article in Press
Main heading:Coal combustion
Controlled terms:Anthracite - Boiler firing - Coal fired boilers - Fly ash - Ignition
Uncontrolled terms:Air staging - Asymmetric combustions - Coal ignition - Combustion stability - Down-fired boiler - Emission characteristics - Gas/particle flows - Secondary air
Classification code:521.1 Fuel Combustion - 524 Solid Fuels - 614.2 Steam Power Plant Equipment and Operation
DOI:10.1016/j.energy.2014.03.055
Database:Compendex

<RECORD 8>

Accession number:20141817647786
Title:Coordination-resolved local bond contraction and electron binding-energy entrapment of Si atomic clusters and solid skins
Authors:Bo, Maolin (1); Wang, Yan (1); Huang, Yongli (1); Zhang, Xi (3); Zhang, Ting (1); Li, Can (4); Sun, Chang Q. (1)
Author affiliation:(1) Key Laboratory of Low-Dimensional Materials and Application Technologies, Xiangtan University, Hunan 411105, China; (2) School of Information and Electronic Engineering, Hunan University of Science and Technology, Hunan 411201, China; (3) School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore; (4) Center for Coordination Bond Engineering, School of Materials Science and Engineering, China Jiliang University, Hangzhou 330018, China
Source title:Journal of Applied Physics
Abbreviated source title:J Appl Phys
Volume:115
Issue:14
Issue date:April 14, 2014
Publication year:2014
Article number:144309-1
Language:English
ISSN:00218979
E-ISSN:10897550
CODEN:JAPIAU
Document type:Journal article (JA)
Publisher:American Institute of Physics Inc.
Number of references:44
Main heading:Silicon
Controlled terms:Atomic beams - Binding energy - Chemical bonds - Density functional theory - Photoelectrons - X ray photoelectron spectroscopy
Uncontrolled terms:Atomic clusters - Bond contraction - Bond orders - Device performance - Theory calculation - Theory predictions - Tight binding - Valence electron
Classification code:711 Electromagnetic Waves - 712.1.1 Single Element Semiconducting Materials - 801 Chemistry - 801.4 Physical Chemistry - 922.1 Probability Theory - 932.1 High Energy Physics
DOI:10.1063/1.4871399
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 9>

Accession number:20141717618039
Title:Analysis of structure origin and luminescence properties of Yb ³⁺-Er³⁺ co-doped fluorophosphate glass
Authors:Chen, Fangze (1); Jing, Xufeng (2); Wei, Tao (1); Wang, Fengchao (1); Tian, Ying (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.(tianyingcjlu@163.com)
Source title:Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy
Abbreviated source title:Spectrochim. Acta Part A Mol. Biomol. Spectrosc.
Volume:129
Issue date:August 14, 2014
Publication year:2014
Pages:235-240
Language:English
ISSN:13861425
CODEN:SAMCAS
Document type:Journal article (JA)

Publisher:Elsevier
Number of references:30
Main heading:Glass
Controlled terms:Energy transfer - Erbium - Luminescence - Luminescence of inorganic solids - Structure (composition) - Ytterbium
Uncontrolled terms:Co-doped - Energy transfer mechanisms - Fluorophosphate glass - Full widths at half maximums - Gain per unit length - Luminescence properties - Near infrared luminescence - Telecommunication applications
Classification code:547.2 Rare Earth Metals - 641.2 Heat Transfer - 741.1 Light/Optics - 812.3 Glass - 951 Materials Science
DOI:10.1016/j.saa.2014.03.035
Database:Compendex

<RECORD 10>

Accession number:20141817645400
Title:Non-existence of stationary pattern of a chemotaxis model with logistic growth
Authors:Ma, Manjun (1); Hu, Jiajia (1); Tao, Jicheng (1); Tong, Changqing (2)
Author affiliation:(1) Department of Mathematics, College of Sciences, China Jiliang University, Hangzhou, Zhejiang, 310018, China; (2) Institute of Applied Mathematics, Hangzhou Dianzi University, Hangzhou, 310018, China
Corresponding author:Ma, M.(manjunma@sina.com)
Source title:Nonlinear Analysis, Theory, Methods and Applications
Abbreviated source title:Nonlinear Anal Theory Methods Appl
Volume:105
Issue date:August 2014
Publication year:2014
Pages:3-9
Language:English
ISSN:0362546X
CODEN:NOANDD
Document type:Journal article (JA)
Publisher:Elsevier Ltd
Number of references:15
Main heading:Mathematical techniques
Controlled terms:Nonlinear analysis
Uncontrolled terms:Chemotaxis model - Critical value - Implicit function theorem - Logistic growth - Non-existence - Stationary patterns - Steady state - Volume-filling chemotaxis models
Classification code:921 Mathematics
DOI:10.1016/j.na.2014.03.009
Database:Compendex

<RECORD 11>

Accession number:IP53101328
Title:Influence of temperature and pressure on the transmittance of fiber optic plates in hot-pressing process
Authors:Zhang, Shuqin (1); Yang, Runguang (2); Wang, Xueping (3); Zhao, Chunliu (3); Zhuang, Songlin (1)
Author affiliation:(1) School of optical and computer engineering, University of Shanghai for Science and Technology, Shanghai 200093, China; (2) Engineering training center, China Jiliang University, Hangzhou 310018, China; (3) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Yang, R.(appsoft@sina.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:Temperature
Controlled terms:Optical properties - Optics
Uncontrolled terms:Different pressures - Effect of temperature - Fiber-optic plates - High transmittance - Hot-pressing process - Low temperatures - Temperature and pressures
Classification code:641.1 Thermodynamics - 741.1 Light/Optics
DOI:10.1016/j.ijleo.2014.01.097
Database:Compendex

<RECORD 12>

Accession number:IP53104349
Title:Focusing properties of Gaussian beam with superimposed left-handed and right-handed helical phase fronts
Authors:Li, Jinsong (1); Meng, Na (1)
Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Li, J.(lijinsong@cjlu.edu.cn)
Source title:Optik
Abbreviated source title:Optik
Issue date:2014
Publication year:2014
Language:English
ISSN:00304026
Document type:Article in Press
Main heading:Topology
Controlled terms:Gaussian beams
Uncontrolled terms:Focal regions - Focusing properties - Gradient force - Intensity distribution - Multiple intensities - Right-handed helix - Topological charges - Vector diffraction theory
Classification code:711 Electromagnetic Waves - 921.4 Combinatorial Mathematics, Includes Graph Theory, Set Theory
DOI:10.1016/j.ijleo.2014.01.163
Database:Compendex

<RECORD 13>

Accession number:20141817647025
Title:Dynamic model behavior analysis of small groups based on particle video
Authors:Zhang, Dongping (1); Xu, Jiao (1); Lu, Yafei (1); Peng, Huailiang (1)
Author affiliation:(1) College of Information Engineering, China Jiliang University, Hangzhou 310018, China
Source title:2013 International Conference on Wireless Communications and Signal Processing, WCSP 2013
Abbreviated source title:Int. Conf. Wirel. Commun. Signal Process., WCSP
Monograph title:2013 International Conference on Wireless Communications and Signal Processing, WCSP 2013
Issue date:2013
Publication year:2013
Article number:6677081
Language:English
Document type:Conference article (CA)
Conference name:2013 International Conference on Wireless Communications and Signal Processing, WCSP 2013
Conference date:October 24, 2013 - October 26, 2013

Conference location:Hangzhou, China
Conference code:104638
Publisher:IEEE Computer Society
Number of references:16
Main heading:Clustering algorithms
Controlled terms:Dynamic models - Hidden Markov models - Network security - Security systems - Signal processing - Tracking (position) - Video streaming - Wireless telecommunication systems
Uncontrolled terms:Abnormal behavior detections - HMM - Location information - Longest common subsequences - Particle tracking - small groups - Trajectory clustering - Video surveillance
Classification code:716 Telecommunication; Radar, Radio and Television - 717 Optical Communication - 721 Computer Circuits and Logic Elements - 723 Computer Software, Data Handling and Applications - 914.1 Accidents and Accident Prevention - 921 Mathematics - 922 Statistical Methods
DOI:10.1109/WCSP.2013.6677081
Database:Compendex

<RECORD 14>

Accession number:20141817670449
Title:Fiber optic anemometer based on metal-coated fiber Bragg grating
Authors:Wang, Xinhuai (1); Dong, Xinyong (1); Zhou, Yan (1); Ni, Kai (1); Cheng, Jia (2); Chen, Zhemin (2)
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou, China; (2) Zhejiang Province Institute of Metrology, Hangzhou, China
Source title:ICICS 2013 - Conference Guide of the 9th International Conference on Information, Communications and Signal Processing
Abbreviated source title:ICICS - Conf. Guide Int. Conf. Inf., Commun. Signal Process.
Monograph title:ICICS 2013 - Conference Guide of the 9th International Conference on Information, Communications and Signal Processing
Issue date:2013
Publication year:2013
Article number:6782875
Language:English
Document type:Conference article (CA)
Conference name:9th International Conference on Information, Communications and Signal Processing, ICICS 2013
Conference date:December 10, 2013 - December 13, 2013
Conference location:Tainan, Taiwan
Conference code:104745
Publisher:IEEE Computer Society
Number of references:10
Main heading:Fibers
Controlled terms:Anemometers - Fiber Bragg gratings - Signal processing
Uncontrolled terms:Highest resolutions - Hot wire anemometers - Measurement range - Metal-coated fiber - Optical fiber sensor
Classification code:716.1 Information Theory and Signal Processing - 741.3 Optical Devices and Systems - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications - 944.3 Pressure Measuring Instruments
DOI:10.1109/ICICS.2013.6782875
Database:Compendex

<RECORD 15>

Accession number:20141817640185
Title:The develop of image processing system applied to batch electronic thermometer verification
Authors:Zeng, Qinqing (1); Chen, Le (1); Xie, Min (1); Fu, Yaqiong (1); Zhou, Zhen (1)
Author affiliation:(1) College of Mechanical and Electronic Engineering, China Jiliang University,

Hangzhou 310018, China
Source title:Proceedings - 2013 Chinese Automation Congress, CAC 2013
Abbreviated source title:Proc. - Chin. Autom. Congr., CAC
Monograph title:Proceedings - 2013 Chinese Automation Congress, CAC 2013
Issue date:2013
Publication year:2013
Pages:508-512
Article number:6775787
Language:English
Document type:Conference article (CA)
Conference name:2013 Chinese Automation Congress, CAC 2013
Conference date:November 7, 2013 - November 8, 2013
Conference location:Changsha, China
Conference code:104513
Publisher:IEEE Computer Society
Number of references:9
Main heading:Thermometers
Controlled terms:Image processing - Manufacture
Uncontrolled terms:Batch verification - Electronic thermometers - Image processing system - Image processing technique - readings device - System interfaces
Classification code:537.1 Heat Treatment Processes - 741 Light, Optics and Optical Devices - 944.5 Temperature Measuring Instruments
DOI:10.1109/CAC.2013.6775787
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 16>

Accession number:20141817670448
Title:Optical fiber laser sensor for refractive index measurement
Authors:Meng, Qingqiang (1); Dong, Xinyong (1); Ni, Kai (1); Chen, Zhemin (2)
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou, China; (2) Zhejiang Province Institute of Metrology, Hangzhou, China
Source title:ICICS 2013 - Conference Guide of the 9th International Conference on Information, Communications and Signal Processing
Abbreviated source title:ICICS - Conf. Guide Int. Conf. Inf., Commun. Signal Process.
Monograph title:ICICS 2013 - Conference Guide of the 9th International Conference on Information, Communications and Signal Processing
Issue date:2013
Publication year:2013
Article number:6782874
Language:English
Document type:Conference article (CA)
Conference name:9th International Conference on Information, Communications and Signal Processing, ICICS 2013
Conference date:December 10, 2013 - December 13, 2013
Conference location:Tainan, Taiwan
Conference code:104745
Publisher:IEEE Computer Society
Number of references:15
Main heading:Multimode fibers
Controlled terms:Fiber lasers - Fiber optics - Refractive index - Refractometers - Sensors - Signal processing - Single mode fibers
Uncontrolled terms:Detection accuracy - Erbium fibers - Linear response - Measurement range - Multi-mode interference - Refractive index measurement - Refractive index sensor - Sensor head
Classification code:716.1 Information Theory and Signal Processing - 741.1 Light/Optics - 741.1.2 Fiber Optics - 801 Chemistry - 941.3 Optical Instruments
DOI:10.1109/ICICS.2013.6782874
Database:Compendex

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<RECORD 17>

Accession number:20141817661203
Title:High speed free space optical communication system for 1km communication
Authors:Changyu, Shen (1); Huajun, Feng (2); Zhihai, Xu (2); Shangzhong, Jin (1)
Author affiliation:(1) Optical Engineering, China JiLiang University, Hangzhou, 310018, China; (2) State Key Laboratory of Modern Optical Instrumentation, Zhejiang University, Hangzhou, 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 2007
Issue date:2007
Publication year:2007
Language:English
E-ISSN:21622701
ISBN-10:1424411742
ISBN-13:9781424411740
Document type:Conference article (CA)
Conference name:Conference on Lasers and Electro-Optics/Pacific Rim, CLEOPR 2007
Conference date:August 26, 2007 - August 26, 2007
Conference location:Seoul, Korea, Republic of
Conference code:104699
Publisher:Optical Society of America
Number of references:2
Main heading:Communication systems
Uncontrolled terms:Attenuation coefficient - Communication test - Data-transmission speed - Error rate - Free space optical communication systems - High Speed - Operating principles
Classification code:716 Telecommunication; Radar, Radio and Television
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 18>

Accession number:20141717627874
Title:Accurate evaluation of RF coil-tissue interactions using a hybrid FDTD-MoM method
Authors:Xu, Wenlong (1); Liu, Feng (2); Xia, Ling (3); Crozier, Stuart (2)
Author affiliation:(1) Department of Biomedical Engineering, China Jiliang University, China; (2) School of Information Technology and Electrical Engineering, University of Queensland, Australia; (3) Department of Biomedical Engineering, Zhejiang University, China
Source title:Progress in Electromagnetics Research Symposium
Abbreviated source title:Prog. Electromagn. Res. Symp.
Volume:2
Monograph title:Progress in Electromagnetics Research Symposium 2010, PIERS 2010 Xi'an
Issue date:2010
Publication year:2010
Pages:1535-1539
Language:English
ISSN:15599450
ISBN-13:9781617827785
Document type:Conference article (CA)
Conference name:Progress in Electromagnetics Research Symposium 2010, PIERS 2010 Xi'an
Conference date:March 22, 2010 - March 26, 2010
Conference location:Xi'an, China
Conference code:104507
Sponsor:MIT Cent. Electromagn. Theory Appl./Res. Lab. Electron.; National Key Laboratory of Space Microwave Technology; Northwestern Polytechnical University; The Electromagnetics Academy; The Electromagnetics Academy at Zhejiang University; Zhejiang University

Publisher:Electromagnetics Academy
Number of references:9
Main heading:Loading
Controlled terms:Algorithms - Finite difference time domain method - Method of moments - Tissue
Uncontrolled terms:Effective communication - High frequency HF - High-frequency RF coil - Hybrid algorithms - Hybrid finite difference time domains - Loading effects - Method of moments (MOM) - Radio frequency coils
Classification code:461.2 Biological Materials and Tissue Engineering - 672 Naval Vessels - 921 Mathematics
Database:Compendex