



经检索“Engineering Village 2”，以下论文被《Ei Compendex》收录。（检索时间 2013 年 12 月 31 日）。

<RECORD 1>

Accession number:20135017078426

Title:Thermal conductivity enhancement of ethylene glycol-based suspensions in the presence of silver nanoparticles of various shapes

Authors:Fang, Xin (1); Ding, Qing (1); Fan, Li-Wu (1); Yu, Zi-Tao (3); Xu, Xu (4); Cheng, Guan-Hua (5); Hu, Ya-Cai (1); Cen, Ke-Fa (3)

Author affiliation:(1) Institute of Thermal Science and Power Systems, Department of Energy Engineering, Zhejiang University, Hangzhou, Zhejiang 310027, China; (2) Key Laboratory of Efficient Utilization of Low, Ministry of Education of China, Tianjin University, Tianjin 300072, China; (3) State Key Laboratory of Clean Energy Utilization, Department of Energy Engineering, Zhejiang University, Hangzhou, Zhejiang 310027, China; (4) Institute of Energy Engineering, College of Metrological and Measurement Engineering, China Jiliang University, Hangzhou, Zhejiang 310018, China; (5) Zhejiang Provincial Key Laboratory of Solar Energy, Utilization and Energy Conversation Technologies, Zhejiang Energy and Radiation Institute, Hangzhou, Zhejiang 310012, China

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

Source title:Journal of Heat Transfer

Abbreviated source title:J. Heat Transf.

Volume:136

Issue:3

Issue date:March 2014

Publication year:2014

Article number:034501

Language:English

ISSN:00221481

E-ISSN:15288943

CODEN:JHTRAO

Document type:Journal article (JA)

Publisher:American Society of Mechanical Engineers, 3 Park Avenue, New York, NY 10016-5990, United States

Number of references:37

Main heading:Silver

Controlled terms:Aspect ratio - Ethylene glycol - Nanofluidics - Nanoparticles - Polyols - Thermal conductivity of liquids - Viscosity

Uncontrolled terms:Better performance - High aspect ratio - Nanofluids - Particle shape effects - Shape dependence - Silver nanoparticles - Silver nanowires - Thermal conductivity enhancement

Classification code:933 Solid State Physics - 804.1 Organic Compounds - 761 Nanotechnology - 943 Mechanical and Miscellaneous Measuring Instruments - 708 Electric and Magnetic Materials - 631.1 Fluid Flow, General - 547.1 Precious Metals - 641.2 Heat Transfer

DOI:10.1115/1.4025663

Database:Compendex

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<RECORD 2>

Accession number:20135017082073

Title:Broadband 1.53 μm emission property in Er³⁺ doped germa-silicate glass for potential optical amplifier

Authors:Wei, Tao (1); Chen, Fangze (1); Tian, Ying (1); Xu, Shiqing (1)

Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China

Corresponding author:Tian, Y.(tianyingcjl@163.com)

Source title:Optics Communications
Abbreviated source title:Opt Commun
Volume:315
Issue date:March 15, 2014
Publication year:2014
Pages:199-203
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:Absorption spectroscopy - Electromagnetic wave absorption - Emission spectroscopy - Erbium - Judd-Ofelt theory - Light amplifiers - Optical switches - Silicates - Thermodynamic stability
Uncontrolled terms:Broadband optical amplifiers - Emission cross-section - Emission properties - Emission spectrums - Judd-Ofelt parameters - Radiative properties - Stimulated emission cross section
Classification code:812.3 Glass - 812 Ceramics, Refractories and Glass - 801 Chemistry - 741.3 Optical Devices and Systems - 931.3 Atomic and Molecular Physics - 741 Light, Optics and Optical Devices - 641.1 Thermodynamics - 547.2 Rare Earth Metals - 414 Masonry Materials - 711 Electromagnetic Waves
DOI:10.1016/j.optcom.2013.11.019
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 3>

Accession number:20135017083752
Title:Facile synthesis of graphene-silicon nanocomposites with an advanced binder for high-performance lithium-ion battery anodes
Authors:Chen, Da (1); Yi, Ran (1); Chen, Shuru (1); Xu, Terrence (1); Gordin, Mikhail L. (1); Wang, Donghai (1)
Author affiliation:(1) Department of Mechanical and Nuclear Engineering, Pennsylvania State University, University Park, PA 16802, United States; (2) China Jiliang University, Hangzhou 310018, China
Corresponding author:Wang, D.(dwang@psu.edu)
Source title:Solid State Ionics
Abbreviated source title:Solid State Ionics
Volume:254
Issue date:January 2014
Publication year:2014
Pages:65-71
Language:English
ISSN:01672738
CODEN:SSIOD3
Document type:Journal article (JA)
Publisher:Elsevier, P.O. Box 211, Amsterdam, 1000 AE, Netherlands
Number of references:59
Main heading:Binders
Controlled terms:Anodes - Ball milling - Graphene - Lithium batteries - Nanocomposites - Nanoparticles - Silicon - Synthesis (chemical)
Uncontrolled terms:Cycling performance - Electrochemical performance - High-energy ball milling - High-performance lithium-ion batteries - Lithium storage capacity - Lithium-ion battery - Lithium-ion battery anodes - Specific chemical structures
Classification code:804 Chemical Products Generally - 803 Chemical Agents and Basic Industrial Chemicals - 802 Chemical Apparatus and Plants; Unit Operations; Unit Processes - 933 Solid State Physics - 761 Nanotechnology - 708 Electric and Magnetic Materials - 549.1 Alkali Metals - 712.1.1

Single Element Semiconducting Materials
DOI:10.1016/j.ssi.2013.11.020
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 4>

Accession number:20135017074807
Title:Hot-wire anemometer based on silver-coated fiber Bragg grating assisted by no-core fiber
Authors:Wang, Xinhui (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 310018, China; (2) Zhejiang Province Institute of Metrology, Hangzhou 310013, China; (3) Zhejiang Provincial Center of Intellectual Property Service, Hangzhou 310012, China
Source title:IEEE Photonics Technology Letters
Abbreviated source title:IEEE Photonics Technol Lett
Volume:25
Issue:24
Issue date:December 15, 2013
Publication year:2013
Pages:2458-2461
Article number:6655890
Language:English
ISSN:10411135
CODEN:IPTLEL
Document type:Journal article (JA)
Publisher:Institute of Electrical and Electronics Engineers Inc., 445 Hoes Lane / P.O. Box 1331, Piscataway, NJ 08855-1331, United States
Number of references:16
Main heading:Fiber Bragg gratings
Controlled terms:Air - Anemometers - Fibers - Pumping (laser) - Silver
Uncontrolled terms:Air flow velocity - Bragg wavelength - Highest resolutions - Hot wire anemometers - Measurement range - Optical fiber sensor - Silver coatings - Thermal equilibriums
Classification code:944.3 Pressure Measuring Instruments - 817 Plastics and Other Polymers: Products and Applications - 812 Ceramics, Refractories and Glass - 804 Chemical Products Generally - 744.1 Lasers, General - 741.3 Optical Devices and Systems - 547.1 Precious Metals
DOI:10.1109/LPT.2013.2288634
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 5>

Accession number:IP52920686
Title:Morphological selections and dynamical evolutions of buckling patterns in SiAlN x films: From straight-sided to telephone cord or bubble structures
Authors:Yu, Sen-Jiang (1); Xiao, Xiao-Fei (2); Chen, Miao-Gen (1); Zhou, Hong (1); Chen, Jun (3); Si, Ping-Zhan (2); Jiao, Zhi-Wei (1)
Author affiliation:(1) Department of Physics, China Jiliang University, Hangzhou 310018, People's Republic of China; (2) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, People's Republic of China; (3) Research and Development Department, Zhejiang Zhongli Energy Efficient Glass Manufacturing Co., Ltd, Hangzhou 311228, People's Republic of China
Corresponding author:Yu, S.-J.(sjyu@cjl.u.edu.cn)
Source title:Acta Materialia
Abbreviated source title:Acta Mater
Volume:64
Issue date:February 2014
Publication year:2013
Pages:41-53

Language:English
ISSN:13596454
Document type:Article in Press
Main heading:Telephone cords
Controlled terms:Buckling - Substrates
Uncontrolled terms:Antisymmetric mode - Bubble structures - Buckling patterns - Critical value - Dynamical evolution - Glass substrates - Stability diagram
Classification code:421 Strength of Building Materials; Mechanical Properties - 461 Bioengineering and Biology - 718.1 Telephone Systems and Equipment - 801 Chemistry - 931 Classical Physics; Quantum Theory; Relativity
DOI:10.1016/j.actamat.2013.11.038
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 6>

Accession number:20135017076051
Title:Development of real-time recognition and localization methods for fruits and vegetables in field
Authors:Xiang, Rong (1); Ying, Yibin (1); Jiang, Huanyu (1)
Author affiliation:(1) College of Biosystems Engineering and Food Science, Zhejiang University, Hangzhou 310058, China; (2) College of Quality and Safety Engineering, China Jiliang University, Hangzhou 310018, China; (3) Key Laboratory of Equipment and Informatization in Environment Controlled Agriculture, Ministry of Agriculture, Hangzhou 310058, China
Corresponding author:Ying, Y.(ybying@zju.edu.cn)
Source title:Nongye Jixie Xuebao/Transactions of the Chinese Society for Agricultural Machinery
Abbreviated source title:Nongye Jixie Xuebao
Volume:44
Issue:11
Issue date:November 2013
Publication year:2013
Pages:208-223
Language:Chinese
ISSN:10001298
CODEN:NUYCA3
Document type:Journal article (JA)
Publisher:Chinese Society of Agricultural Machinery, No. 1 Beishatan Deshengmen Wai, Beijing, 100083, China
Number of references:96
Main heading:Fruits
Controlled terms:Algorithms - Image matching - Image segmentation - Radar equipment - Research - Vegetables
Uncontrolled terms:Field - Fruit and vegetables - Harvesting robot - Localization - Recognition
Classification code:901.3 Engineering Research - 821.4 Agricultural Products - 741.1 Light/Optics - 921 Mathematics - 741 Light, Optics and Optical Devices - 723 Computer Software, Data Handling and Applications - 716.2 Radar Systems and Equipment - 723.2 Data Processing and Image Processing
DOI:10.6041/j.issn.1000-1298.2013.11.037
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 7>

Accession number:IP52900825
Title:ELM-based gene expression classification with misclassification cost
Authors:Lu, Hui-juan (1); Zheng, En-hui (3); Lu, Yi (4); Ma, Xiao-ping (2); Liu, Jin-yong (3)
Author affiliation:(1) College of Information Engineering, China Jiliang University, Hangzhou, 310018, China; (2) School of Information and Electric Engineering, China University of Mining and Technology, Xuzhou, 221008, China; (3) College of Mechanical and Electric Engineering, China Jiliang University, Hangzhou, 310018, China; (4) Department of Computer Science, Prairie View A

and M University, Prairie View, 77446, United States
Corresponding author:Lu, H.-j.(hjlu@cjlu.edu.cn)
Source title:Neural Computing and Applications
Abbreviated source title:Neural Comput. Appl.
Issue date:2013
Publication year:2013
Pages:1-7
Language:English
ISSN:09410643
E-ISSN:14333058
Document type:Article in Press
Number of references:24
Main heading:Costs
Controlled terms:Diagnosis - Gene expression - Knowledge acquisition - Learning algorithms - Learning systems
Uncontrolled terms:Classification algorithm - Classification results - Cost-sensitive learning - Extreme learning machine - Gene expression classification - Gene Expression Data - Machine learning research - Misclassification costs
Classification code:461 Bioengineering and Biology - 723 Computer Software, Data Handling and Applications - 723.4 Artificial Intelligence - 911 Cost and Value Engineering; Industrial Economics
DOI:10.1007/s00521-013-1512-x
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 8>

Accession number:20135117093544
Title:Bearing fault diagnosis based on scale-transformation stochastic resonance
Authors:Cui, Ying (1); Guo, Tiantai (1); Song, Yuqian (1); Jun, Zhao (1)
Author affiliation:(1) College of Metrology and Measurement Engineering, China Jiliang University, Hangzhou310018, China
Corresponding author:Jun, Z.(teampaper209@cjlu.edu.cn)
Source title:Proceedings of SPIE - The International Society for Optical Engineering
Abbreviated source title:Proc SPIE Int Soc Opt Eng
Volume:8916
Monograph title:Sixth International Symposium on Precision Mechanical Measurements
Issue date:2013
Publication year:2013
Article number:891636
Language:English
ISSN:0277786X
E-ISSN:1996756X
CODEN:PSISDG
ISBN-13:9780819497925
Document type:Conference article (CA)
Conference name:6th International Symposium on Precision Mechanical Measurements
Conference date:August 8, 2013 - August 12, 2013
Conference location:Guiyang, China
Conference code:101242
Sponsor:International Committee on Measurements and; Instrumentation (ICMI); National Natural Science Foundation of China (NSFC); China Instrument and Control Society (CIS)
Publisher:SPIE, P.O. Box 10, Bellingham, WA 98227-0010, United States
Number of references:11
Main heading:Magnetic resonance
Controlled terms:Bearings (machine parts) - Circuit resonance - Feature extraction - Frequency bands - Mechanical variables measurement - Roller bearings - Signal processing
Uncontrolled terms:Bearing fault diagnosis - Bispectrum - Ensemble empirical mode decompositions (EEMD) - Intrinsic Mode functions - Numerical calculation - Rolling bearings - Stochastic resonances - Weak fault feature extraction

Classification code:601.2 Machine Components - 701.2 Magnetism: Basic Concepts and Phenomena - 703.1.1 Electric Network Analysis - 716 Telecommunication; Radar, Radio and Television - 943.2 Mechanical Variables Measurements
DOI:10.1117/12.2035623
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 9>

Accession number:IP52918550
Title:COPPER PLATING FROM NON-CYANIDE ALKALINE BATHS
Authors:Li, Minggang (1); Wei, Guoying (1); Wang, Jianfang (1); Li, Meng (1); Zhao, Xixi (1); Bai, Yuze (2)
Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hang Zhou 310018, P. R. China; (2) Environmental Monitoring Station of Yangquan, Shanxi Province, P. R. China
Corresponding author:Wei, G.(guoyingwei@sina.com)
Source title:Surface Review and Letters
Abbreviated source title:Surf. Rev. Lett.
Issue:2
Issue date:2013
Publication year:2013
Pages:1-7
Language:English
ISSN:0218625X
CODEN:SRLEFH
Document type:Article in Press
Main heading:Copper
Controlled terms:Cyanides - Cyclic voltammetry - Thin films
Uncontrolled terms:Bath temperatures - Complexing agents - Copper thin film - Current efficiency - Cyclic voltammetry curves - Deposited films - Maximum thickness - Nodular structures
Classification code:544.1 Copper - 714.2 Semiconductor Devices and Integrated Circuits - 804.2 Inorganic Compounds - 942.2 Electric Variables Measurements
DOI:10.1142/S0218625X14500097
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 10>

Accession number:20135117093485
Title:Key techniques of ultra-precision aerostatic system
Authors:Li, Dongsheng (1); Li, Jiafu (1); Cui, Ting (1); Hu, Jiacheng (1); Cheng, Yang (1); Wang, Meibao (1)
Author affiliation:(1) College of Metrology and Measurement Engineering, China Jiliang University, 258 Xueyuan Rd, Hangzhou, 310018, China
Source title:Proceedings of SPIE - The International Society for Optical Engineering
Abbreviated source title:Proc SPIE Int Soc Opt Eng
Volume:8916
Monograph title:Sixth International Symposium on Precision Mechanical Measurements
Issue date:2013
Publication year:2013
Article number:89163A
Language:English
ISSN:0277786X
E-ISSN:1996756X
CODEN:PSISDG
ISBN-13:9780819497925
Document type:Conference article (CA)
Conference name:6th International Symposium on Precision Mechanical Measurements

Conference date: August 8, 2013 - August 12, 2013
Conference location: Guiyang, China
Conference code: 101242
Sponsor: International Committee on Measurements and; Instrumentation (ICMI); National Natural Science Foundation of China (NSFC); China Instrument and Control Society (CIS)
Publisher: SPIE, P.O. Box 10, Bellingham, WA 98227-0010, United States
Number of references: 11
Main heading: Aerodynamics
Controlled terms: Atmospheric pressure - Bearing capacity - Mechanical variables measurement - Springs (components)
Uncontrolled terms: Aerostatic restrictor - Air springs - Experimental investigations - Maximum bearing capacity - Maximum temperature differences - Pressure and temperature - Pressure source - Ultraprecision machining
Classification code: 421 Strength of Building Materials; Mechanical Properties - 443.1 Atmospheric Properties - 601.2 Machine Components - 651.1 Aerodynamics, General - 943.2 Mechanical Variables Measurements
DOI: 10.1117/12.2035787
Database: Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 11>

Accession number: IP52902558
Title: Luminaries-level structure improvement of LEDs for heat dissipation enhancement under natural convection
Authors: Wu, K.E. (1); Wang, L.E. (1); Yu, Yi-Bo (1); Huang, Zhi-Yi (1); Liang, Pei (2)
Author affiliation: (1) Zhejiang University, Hangzhou, 310027, China; (2) China Jiliang University, Hangzhou, 310018, China
Corresponding author: Huang, Z.-Y. (hzy@zju.edu.cn)
Source title: Sadhana - Academy Proceedings in Engineering Sciences
Abbreviated source title: Sadhana
Issue date: 2013
Publication year: 2013
Pages: 1-12
Language: English
ISSN: 02562499
E-ISSN: 09737677
CODEN: SAPSER
Document type: Article in Press
Number of references: 11
Main heading: Natural convection
Controlled terms: Boring - Computational fluid dynamics - Computer simulation - Heat transfer coefficients
Uncontrolled terms: Average heat transfers - Computational fluid dynamics modeling - Computational results - Field synergy principle - Highest temperature - Large-scale applications - Structural modifications - Structure improvement
Classification code: 604.2 Machining Operations - 641.2 Heat Transfer - 723.5 Computer Applications
DOI: 10.1007/s12046-013-0157-x
Database: Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 12>

Accession number: 20135017075861
Title: Error measurement technique for two-dimensional stage of three-coordinate measuring machine based on self-calibration algorithm
Authors: Wang, Daodang (1); Zou, Hui (1); Guo, Tiantai (1); Wang, Xiaoxiao (1); Liu, Wei (1)
Author affiliation: (1) College of Metrology and Measurement Engineering, China Jiliang University,

Hangzhou 310018, China; (2) State Key Laboratory of Precision Measuring Technology and Instruments, Tianjin University, Tianjin 300072, China
Corresponding author: Wang, D.(wangdaodang@sina.com)
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
Abbreviated source title: Yi Qi Yi Biao Xue Bao
Volume: 34
Issue: 11
Issue date: November 2013
Publication year: 2013
Pages: 2451-2457
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: Two dimensional
Controlled terms: Algorithms - Calibration - Coordinate measuring machines - Least squares approximations - Measurement errors - Uncertainty analysis
Uncontrolled terms: Error measurement techniques - Error measurements - Grid plates - High-precision calibration - Least square methods - Measurement precision - Self-calibration algorithms - Three-coordinate measuring machines
Classification code: 944 Moisture, Pressure and Temperature, and Radiation Measuring Instruments - 943.3 Special Purpose Instruments - 943 Mechanical and Miscellaneous Measuring Instruments - 942 Electric and Electronic Measuring Instruments - 941 Acoustical and Optical Measuring Instruments - 922.1 Probability Theory - 922 Statistical Methods - 921.6 Numerical Methods - 921 Mathematics - 723.5 Computer Applications - 723 Computer Software, Data Handling and Applications
Database: Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 13>

Accession number: 20135117093547
Title: Measurement system for characterizing surface friction properties of textile materials
Authors: Yao, Bao-Guo (1); Yang, Yun-Juan (1); Zhang, Zhe-Feng (1); Yan, Li-Xia (1)
Author affiliation: (1) College of Mechatronics Engineering, China Jiliang University, Hangzhou, China
Source title: Proceedings of SPIE - The International Society for Optical Engineering
Abbreviated source title: Proc SPIE Int Soc Opt Eng
Volume: 8916
Monograph title: Sixth International Symposium on Precision Mechanical Measurements
Issue date: 2013
Publication year: 2013
Article number: 891639
Language: English
ISSN: 0277786X
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CODEN: PSISDG
ISBN-13: 9780819497925
Document type: Conference article (CA)
Conference name: 6th International Symposium on Precision Mechanical Measurements
Conference date: August 8, 2013 - August 12, 2013
Conference location: Guiyang, China
Conference code: 101242
Sponsor: International Committee on Measurements and; Instrumentation (ICMI); National Natural Science Foundation of China (NSFC); China Instrument and Control Society (CIS)
Publisher: SPIE, P.O. Box 10, Bellingham, WA 98227-0010, United States
Number of references: 12

Main heading:Surfaces

Controlled terms:Friction - Materials properties - Measurements - Mechanical variables measurement - Textiles - Tribology

Uncontrolled terms:Dynamic coefficient of frictions - Dynamic friction - Evaluation - Friction performance - Measurement system - Measuring device - Surface friction - Textile materials

Classification code:951 Materials Science - 944 Moisture, Pressure and Temperature, and Radiation Measuring Instruments - 943.2 Mechanical Variables Measurements - 943 Mechanical and Miscellaneous Measuring Instruments - 942 Electric and Electronic Measuring Instruments - 941 Acoustical and Optical Measuring Instruments - 931.1 Mechanics - 931 Classical Physics; Quantum Theory; Relativity - 819 Synthetic and Natural Fibers; Textile Technology - 423 Non Mechanical Properties and Tests of Building Materials - 421 Strength of Building Materials; Mechanical Properties

DOI:10.1117/12.2035893

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 14>

Accession number:20135117093545

Title:A dedicated on-line detecting system for auto air dryers1

Authors:Shi, Chao-Yu (1); Luo, Zai (1)

Author affiliation:(1) College of Metrological Technology and Engineering, China Jiliang University, Hangzhou, Zhejiang, 310018, China

Source title:Proceedings of SPIE - The International Society for Optical Engineering

Abbreviated source title:Proc SPIE Int Soc Opt Eng

Volume:8916

Monograph title:Sixth International Symposium on Precision Mechanical Measurements

Issue date:2013

Publication year:2013

Article number:891637

Language:English

ISSN:0277786X

E-ISSN:1996756X

CODEN:PSISDG

ISBN-13:9780819497925

Document type:Conference article (CA)

Conference name:6th International Symposium on Precision Mechanical Measurements

Conference date:August 8, 2013 - August 12, 2013

Conference location:Guiyang, China

Conference code:101242

Sponsor:International Committee on Measurements and; Instrumentation (ICMI); National Natural Science Foundation of China (NSFC); China Instrument and Control Society (CIS)

Publisher:SPIE, P.O. Box 10, Bellingham, WA 98227-0010, United States

Number of references:5

Main heading:Dryers (equipment)

Controlled terms:Automobile manufacture - Automotive industry - Mechanical variables measurement - Partial discharges

Uncontrolled terms:Air dryers - Automatic Detection - Experimental analysis - On-line analytical processing - On-line detecting - Online detecting system - Performance parameters - Seal-ability

Classification code:802.1 Chemical Plants and Equipment - 701.1 Electricity: Basic Concepts and Phenomena - 664 Automotive Engineering, General - 943.2 Mechanical Variables Measurements - 663 Buses, Tractors and Trucks - 662 Automobiles and Smaller Vehicles - 661 Automotive Engines and Related Equipment - 662.1 Automobiles

DOI:10.1117/12.2035754

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 15>

Accession number:20135017071976

Title:Magnetic performance and corrosion resistance of cobalt based magnetic films

Authors:Wu, P.P. (1); Jiang, L. (1); Sun, Y. (1); Peng, Q.J. (1); Yu, Y.D. (1); Ge, H.L. (1)

Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou, China

Corresponding author:Jiang, L.(jiangliwhu@126.com)

Source title:Surface Engineering

Abbreviated source title:Surf Eng

Volume:29

Issue:10

Issue date:November 2013

Publication year:2013

Pages:761-766

Language:English

ISSN:02670844

E-ISSN:17432944

CODEN:SUNET

Document type:Journal article (JA)

Publisher:Maney Publishing, Suite 1C, Joseph's Well, Hanover Walk, Leeds, LS3 1AB, United Kingdom

Number of references:31

Main heading:Corrosion resistance

Controlled terms:Cobalt - Cobalt compounds - Coercive force - Electrochemical impedance spectroscopy - Electromechanical devices - Magnetic devices - Magnetic films - Magnetic materials - MEMS - Saturation magnetization - Structure (composition) - ULSI circuits

Uncontrolled terms:Anti-corrosion property - Electrochemical - Electrochemical measurements - Electrochemical technology - Magnetic - Micro electromechanical system (MEMS) - Ultralarge scale integration - Vibration sample magnetometers

Classification code:804.1 Organic Compounds - 801 Chemistry - 714.2 Semiconductor Devices and Integrated Circuits - 708.4 Magnetic Materials - 951 Materials Science - 704.2 Electric Equipment - 601 Mechanical Design - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline Earth Metals - 539.1 Metals Corrosion - 701.2 Magnetism: Basic Concepts and Phenomena

DOI:10.1179/1743294413Y.0000000212

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 16>

Accession number:20135017071977

Title:Effects of pH values on electroless deposition of CoP films

Authors:Yu, Y.D. (1); Li, M.G. (1); Wei, G.Y. (1); Ge, H.L. (1)

Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hang Zhou, 310018, China; (2) Ningbo Institute of Materials Technology and Engineering, Chinese Academy of Sciences, Ningbo 315201, China

Corresponding author:Yu, Y.D.(yuyundan@163.com)

Source title:Surface Engineering

Abbreviated source title:Surf Eng

Volume:29

Issue:10

Issue date:November 2013

Publication year:2013

Pages:767-771

Language:English

ISSN:02670844

E-ISSN:17432944

CODEN:SUNET

Document type:Journal article (JA)

Publisher:Maney Publishing, Suite 1C, Joseph's Well, Hanover Walk, Leeds, LS3 1AB, United Kingdom

Number of references:11

Main heading:Film preparation

Controlled terms:Coercive force - Deposition - Deposition rates - Films - pH - Surface morphology

Uncontrolled terms:Alkaline baths - Co-P films - Cobalt content - Copper substrates - Electroless - Magnetic performance - Nodular structures - pH value

Classification code:951 Materials Science - 933 Solid State Physics - 813.1 Coating Techniques - 801.1 Chemistry, General - 712.1 Semiconducting Materials - 701.2 Magnetism: Basic Concepts and Phenomena - 617 Turbines and Steam Turbines

DOI:10.1179/1743294413Y.0000000196

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 17>

Accession number:IP52904519

Title:Structure of benzenethiol monolayer on Pt(1 0 0)

Authors:Wu, Taiquan (1); Wang, Xinyan (1); Zhou, Hong (1); Luo, Honglei (1); Jiao, Zhiwei (1); Zhu, Ping (2)

Author affiliation:(1) Department of Physics, China Jiliang University, Hangzhou 310018, China; (2) Department of Physics, Zhejiang University, Hangzhou 310027, China

Corresponding author:Wu, T.(buckyballing@hotmail.com)

Source title:Applied Surface Science

Abbreviated source title:Appl Surf Sci

Issue date:2013

Publication year:2013

Language:English

ISSN:01694332

CODEN:ASUSEE

Document type:Article in Press

Main heading:Monolayers

Controlled terms:Adsorption - Molecules - Platinum

Uncontrolled terms:Adsorption site - Adsorption system - Benzenethiols - Bridge sites - First principles - Molecular chains - Potential structure - Stable structures

Classification code:547.1 Precious Metals - 802.3 Chemical Operations - 813.2 Coating Materials - 931.3 Atomic and Molecular Physics

DOI:10.1016/j.apsusc.2013.11.098

Database:Compendex

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<RECORD 18>

Accession number:20135017087516

Title:Growth mechanism and edge effect of buckling patterns in elastic films deposited on stiff substrates

Authors:Ye, Quan-Lin (1); Yu, Sen-Jiang (2)

Author affiliation:(1) Department of Physics, Hangzhou Normal University, Hangzhou 310036, China; (2) Department of Physics, China Jiliang University, Hangzhou 310018, China; (3) Shanghai Key Laboratory of Special Artificial Microstructure Materials, Technology and Physics Department, Tongji University, Shanghai 200092, China

Corresponding author:Yu, S.-J.(sjyu@cjlu.edu.cn)

Source title:Philosophical Magazine Letters

Abbreviated source title:Philos Mag Lett

Volume:93

Issue:12

Issue date:December 1, 2013

Publication year:2013

Pages:710-718

Language:English

ISSN:09500839

E-ISSN:13623036

CODEN:PMLEEG

Document type:Journal article (JA)

Publisher:Taylor and Francis Ltd., 4 Park Square, Milton Park, Abingdon, Oxfordshire, OX14 4RN, United Kingdom

Number of references:26

Main heading:Buckling

Controlled terms:Film growth - Residual stresses - Telephone circuits - Telephone cords

Uncontrolled terms:Buckling patterns - Direct current magnetron sputtering - Edge effect - Elastic films - Exponential growth - Glass slides - Growth mechanisms - Tantalum films

Classification code:421 Strength of Building Materials; Mechanical Properties - 712.1 Semiconducting Materials - 718.1 Telephone Systems and Equipment

DOI:10.1080/09500839.2013.850547

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 19>

Accession number:20135017088316

Title:Molecular identification and analysis of Cd-responsive MicroRNAs in rice

Authors:Ding, Yanfei (1); Qu, Aili (1); Gong, Shumin (1); Huang, Shanxia (2); Lv, Bing (1); Zhu, Cheng (1)

Author affiliation:(1) College of Life Sciences, China Jiliang University, Hangzhou 310018, China; (2) College of Life Sciences, Zhejiang University, Hangzhou 310029, China

Corresponding author:Zhu, C.(pzhch@cjlu.edu.cn)

Source title:Journal of Agricultural and Food Chemistry

Abbreviated source title:J. Agric. Food Chem.

Volume:61

Issue:47

Issue date:November 27, 2013

Publication year:2013

Pages:11668-11675

Language:English

ISSN:00218561

E-ISSN:15205118

CODEN:JAFCAU

Document type:Journal article (JA)

Publisher:American Chemical Society, 2540 Olentangy River Road, P.O. Box 3337, Columbus, OH 43210-3337, United States

Number of references:40

Main heading:RNA

Controlled terms:Cadmium - Gene expression - Genes - Heavy metals - Microarrays - Seed

Uncontrolled terms:Abiotic-stress response - Environmental stress - MicroRNAs - Molecular identification - Reciprocal regulation - rice - Rice (oryza sativa) - Transgenic approaches

Classification code:461 Bioengineering and Biology - 531 Metallurgy and Metallography - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline Earth Metals - 821.4 Agricultural Products

DOI:10.1021/jf401359q

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 20>

Accession number:IP52905538

Title:Sine-azimuthal wavefront-modulated cosh-Gaussian beams with half-space amplitude modulation

Authors:Fu, Rui (1); Gao, Xiumin (1); Shen, Haibin (2); Xin, Qing (1); Lu, Xinmiao (1)

Author affiliation:(1) Electronics and Information College, Hangzhou Dianzi University, Hangzhou 310018, China; (2) China Jiliang University, Hangzhou 310018, China

Corresponding author:Fu, R.(fu2008rui@126.com)
Source title:Optik
Abbreviated source title:Optik
Issue date:2013
Publication year:2013
Language:English
ISSN:00304026
Document type:Article in Press
Main heading:Amplitude modulation
Controlled terms:Gaussian beams - Geometry - Wavefronts
Uncontrolled terms:Beam parameter - Cosh-Gaussian beams - Linearly polarized - Multiple intensities - Multiple-peak - Pattern evolution - Phase parameters - Uniaxial symmetry
Classification code:711 Electromagnetic Waves - 716 Telecommunication; Radar, Radio and Television - 921 Mathematics
DOI:10.1016/j.ijleo.2013.10.006
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 21>

Accession number:20135117093546
Title:Detection technology research on the one-way clutch of automatic brake adjuster1
Authors:Jiang, Wensong (1); Luo, Zai (1); Lu, Yi (1)
Author affiliation:(1) China Jiliang University, Hangzhou, 310018, China
Source title:Proceedings of SPIE - The International Society for Optical Engineering
Abbreviated source title:Proc SPIE Int Soc Opt Eng
Volume:8916
Monograph title:Sixth International Symposium on Precision Mechanical Measurements
Issue date:2013
Publication year:2013
Article number:891638
Language:English
ISSN:0277786X
E-ISSN:1996756X
CODEN:PSISDG
ISBN-13:9780819497925
Document type:Conference article (CA)
Conference name:6th International Symposium on Precision Mechanical Measurements
Conference date:August 8, 2013 - August 12, 2013
Conference location:Guiyang, China
Conference code:101242
Sponsor:International Committee on Measurements and; Instrumentation (ICMI); National Natural Science Foundation of China (NSFC); China Instrument and Control Society (CIS)
Publisher:SPIE, P.O. Box 10, Bellingham, WA 98227-0010, United States
Number of references:13
Main heading:Brakes
Controlled terms:Clocks - Clutches - Computer system recovery - Failure (mechanical) - Mechanical variables measurement - Quality control
Uncontrolled terms:Automatic brakes - Detection technology - Evaluation standard - Mechanical model - One way clutch
Classification code:943.2 Mechanical Variables Measurements - 913.3 Quality Assurance and Control - 723 Computer Software, Data Handling and Applications - 943.3 Special Purpose Instruments - 722 Computer Systems and Equipment - 602 Mechanical Drives and Transmissions - 421 Strength of Building Materials; Mechanical Properties - 602.2 Mechanical Transmissions
DOI:10.1117/12.2035537
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 22>

Accession number:20135017081166

Title:Intensity-modulated magnetic field sensor based on magnetic fluid and optical fiber gratings

Authors:Zheng, Jie (1); Dong, Xinyong (1); Zu, Peng (5); Ji, Junhua (2); Su, Haibin (4); Ping Shum, Perry (2)

Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China; (2) School of Electrical and Electronics Engineering, Nanyang Technological University, 639798 Singapore, Singapore; (3) CINTRA, Research Techno Plaza, 50 Nanyang Drive, 637553 Singapore, Singapore; (4) School of Materials Science and Engineering, Nanyang Technological University, 639798 Singapore, Singapore; (5) School of Chemical and Biomedical Engineering, Nanyang Technological University, 637459 Singapore, Singapore

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

Source title:Applied Physics Letters

Abbreviated source title:Appl Phys Lett

Volume:103

Issue:18

Issue date:October 28, 2013

Publication year:2013

Article number:183511

Language:English

ISSN:00036951

CODEN:APPLAB

Document type:Journal article (JA)

Publisher:American Institute of Physics, 2 Huntington Quadrangle, Suite N101, Melville, NY 11747-4502, United States

Number of references:20

Main heading:Magnetic fluids

Controlled terms:Fiber Bragg gratings - Magnetic fields - Magnetic sensors - Magnetometers - Refractive index

Uncontrolled terms:Cladding mode resonances - External magnetic field - Intensity-modulated - Magnetic field sensors - Optical fiber gratings - Optical power

Classification code:701.2 Magnetism: Basic Concepts and Phenomena - 708.4 Magnetic Materials - 741.1 Light/Optics - 741.3 Optical Devices and Systems - 942.3 Magnetic Instruments

DOI:10.1063/1.4828562

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 23>

Accession number:20135017071973

Title:Preparation of ZnNi alloy films by electrodeposition

Authors:Yu, Y.D. (1); Zhao, X.X. (1); Li, M.G. (1); Wei, G.Y. (1); Sun, L.X. (1); Fu, Y. (2)

Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China; (2) Zhejiang Xizi Aviation Industry Co. Ltd, Hangzhou 310018, China

Corresponding author:Yu, Y.D.(yuyundan@163.com)

Source title:Surface Engineering

Abbreviated source title:Surf Eng

Volume:29

Issue:10

Issue date:November 2013

Publication year:2013

Pages:743-748

Language:English

ISSN:02670844

E-ISSN:17432944

CODEN:SUNET

Document type:Journal article (JA)

Publisher:Maney Publishing, Suite 1C, Joseph's Well, Hanover Walk, Leeds, LS3 1AB, United Kingdom

Number of references:10

Main heading:Metallic films

Controlled terms:Corrosion - Corrosion protection - Corrosion resistance - Deposition - Deposition rates - Electrodeposition - Zinc alloys

Uncontrolled terms:Anticorrosion performance - Corrosion potentials - Current efficiency - Nodular structures - Polarisation curves - Side reactions - Steel substrate - ZnNi

Classification code:531 Metallurgy and Metallography - 539 Metals Corrosion and Protection; Metal Plating - 546.3 Zinc and Alloys - 617 Turbines and Steam Turbines

DOI:10.1179/1743294413Y.0000000159

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 24>

Accession number:IP52916564

Title:Simultaneous measurement of strain and temperature based on a long-period grating with a polarization maintaining fiber in a loop mirror

Authors:Chu, Jinlei (1); Shen, Changyu (1); Qian, Feng (2); Zhong, Chuan (1); Zou, Xin (1); Dong, Xinyong (1); Jin, Yongxing (1); Wang, Jianfeng (1); Gong, Yan (1); Jiang, Tingting (1)

Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China; (2) Hangzhou Institute of Calibration and Testing for Quality and Technical Supervision, Hangzhou, Zhejiang 310018, China

Corresponding author:Chu, J.(cjl_414@163.com)

Source title:Optical Fiber Technology

Abbreviated source title:Opt. Fiber Technol.

Issue date:2013

Publication year:2013

Language:English

ISSN:10685200

CODEN:OFTEFV

Document type:Article in Press

Main heading:Polarization-maintaining fiber

Controlled terms:Magnetic materials - Optical fibers

Uncontrolled terms:Blue shift - Fiber loop mirrors - Long Period Gratings - Loop mirror - Optical intensities - Simultaneous measurement - Strain ranges

Classification code:708.4 Magnetic Materials - 741.1.2 Fiber Optics

DOI:10.1016/j.yofte.2013.11.009

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 25>

Accession number:20135117097171

Title:Novel optical fiber dynamic light scattering measurement system for nanometer particle size

Authors:Chen, Zhemin (1); Hu, Pengbing (1); Meng, Qingqiang (1); Dong, Xinyong (2)

Author affiliation:(1) Research and Development Centre of Metrology, Zhejiang Province Institute of Metrology, Hangzhou 310013, China; (2) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China

Corresponding author:Chen, Z.(czmasm@hotmail.com)

Source title:Advances in Materials Science and Engineering

Abbreviated source title:Adv. Mater. Sci. Eng.

Volume:2013

Issue date:2013

Publication year:2013

Article number:250121

Language:English

ISSN:16878434

E-ISSN:16878442

Document type:Journal article (JA)

Publisher:Hindawi Publishing Corporation, 410 Park Avenue, 15th Floor, 287 pmb, New York, NY 10022, United States

Number of references:9

Main heading:Particle size

Controlled terms:Measurements - Multimode fibers - Nanoparticles - Probes - Single mode fibers

Uncontrolled terms:Fiber dynamics - Laser lights - Nanometer particles - Polystyrene nanoparticles - Scattering angles - Single scattering

Classification code:944 Moisture, Pressure and Temperature, and Radiation Measuring Instruments - 943.2 Mechanical Variables Measurements - 943 Mechanical and Miscellaneous Measuring Instruments - 942 Electric and Electronic Measuring Instruments - 941 Acoustical and Optical Measuring Instruments - 933 Solid State Physics - 761 Nanotechnology - 741.1.2 Fiber Optics - 708 Electric and Magnetic Materials

DOI:10.1155/2013/250121

Database:Compendex

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<RECORD 26>

Accession number:20135017085737

Title:Role of chemical potential in tuning equilibrium crystal shape and electronic properties of wurtzite gaas nanowires

Authors:Jin, Mengting (1); Shu, Haibo (1); Liang, Pei (1); Cao, Dan (3); Chen, Xiaoshuang (2); Lu, Wei (2)

Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, 310018 Hangzhou, China; (2) National Laboratory for Infrared Physics, Shanghai Institute of Technical Physics, Chinese Academy of Science, 200083 Shanghai, China; (3) College of Science, China Jiliang University, 310018 Hangzhou, China

Corresponding author:Shu, H.(shu123hb@gmail.com)

Source title:Journal of Physical Chemistry C

Abbreviated source title:J. Phys. Chem. C

Volume:117

Issue:44

Issue date:November 7, 2013

Publication year:2013

Pages:23349-23356

Language:English

ISSN:19327447

E-ISSN:19327455

Document type:Journal article (JA)

Publisher:American Chemical Society, 2540 Olentangy River Road, P.O. Box 3337, Columbus, OH 43210-3337, United States

Number of references:38

Main heading:Electronic properties

Controlled terms:Calculations - Chemical potential - Crystal atomic structure - Energy gap - Gallium arsenide - Nanowires - Prisms - Semiconducting gallium - Vapors - Zinc sulfide

Uncontrolled terms:Band gap transition - Chemical environment - Equilibrium crystal shapes - First-principles calculation - Potential conditions - Surface-to-volume ratio - Vapor-liquid-solid growth - Wurtzite crystal structure

Classification code:933.1.1 Crystal Lattice - 933 Solid State Physics - 921 Mathematics - 804.2 Inorganic Compounds - 804 Chemical Products Generally - 801.4 Physical Chemistry - 761 Nanotechnology - 741.3 Optical Devices and Systems - 723 Computer Software, Data Handling and Applications - 721 Computer Circuits and Logic Elements - 712.1.1 Single Element Semiconducting Materials - 712.1 Semiconducting Materials - 701.1 Electricity: Basic Concepts and Phenomena

DOI:10.1021/jp407520q

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 27>

Accession number:20135017075863

Title:Weak signal intelligent detection system based on stochastic resonance and artificial fish swarm algorithm

Authors:Zhu, Weina (1); Lin, Min (1)

Author affiliation:(1) College of Metrology and Measurement Engineering, China Jiliang University, Hangzhou 310018, China

Corresponding author:Lin, M.(lmcjlu@163.com)

Source title:Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument

Abbreviated source title:Yi Qi Yi Biao Xue Bao

Volume:34

Issue:11

Issue date:November 2013

Publication year:2013

Pages:2464-2470

Language:Chinese

ISSN:02543087

CODEN:YYXUDY

Document type:Journal article (JA)

Publisher:Science Press, 18,Shuangqing Street,Haidian, Beijing, 100085, China

Number of references:15

Main heading:Signal detection

Controlled terms:Algorithms - Circuit resonance - Magnetic resonance - Signal to noise ratio

Uncontrolled terms:Artificial fish swarm algorithms - Intelligent detection - LabVIEW - Signalto noise ratio (SNR) - Stochastic resonances

Classification code:701.2 Magnetism: Basic Concepts and Phenomena - 703.1.1 Electric Network Analysis - 716.1 Information Theory and Signal Processing - 723 Computer Software, Data Handling and Applications - 921 Mathematics

Database:Compendex

Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 28>

Accession number:20135017075907

Title:The energy transfer and conversion of Brownian particle stochastic resonance

Authors:Lin, Min (1); Huang, Yong-Mei (1)

Author affiliation:(1) College of Metrology Technology and Engineering, China Jiliang University, Hangzhou 310018, China

Corresponding author:Lin, M.(linm@cjlu.edu.cn)

Source title:Zhendong Gongcheng Xuebao/Journal of Vibration Engineering

Abbreviated source title:Zhendong Gongcheng Xuebao

Volume:26

Issue:5

Issue date:October 2013

Publication year:2013

Pages:792-796

Language:Chinese

ISSN:10044523

CODEN:ZXUEEA

Document type:Journal article (JA)

Publisher:Nanjing University of Aeronautics and Astronautics, 29 Yudao Street, Nanjing, 210016, China

Number of references:13

Main heading:Circuit resonance

Controlled terms:Differential equations - Energy transfer - Kinetics - Magnetic resonance - Timing jitter

Uncontrolled terms:Bistable potential - Brownian particles - Instantaneous power - Langevin equation - Non-monotonic relations - Periodic forces - Stochastic energetics - Stochastic resonances

Classification code:921.2 Calculus - 718 Telephone Systems and Related Technologies; Line Communications - 717 Optical Communication - 931 Classical Physics; Quantum Theory; Relativity

《Engineering Index》检索结果

- 716 Telecommunication; Radar, Radio and Television - 701.2 Magnetism: Basic Concepts and Phenomena - 641.2 Heat Transfer - 703.1.1 Electric Network Analysis
Database:Compendex
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注:

以上检索结果均得到被检索人的确认。

《Engineering Index》检索结果

检索人(签章): 中国计量学院图书馆

2013年12月31日