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Author**Affiliation****Publication Title****Publisher****Conference Location****Comparison of DC and RF sputtered aluminium-doped zinc oxide for photovoltaic applications**

Patrick J. M. Isherwood | Michael Gona | Jake W. Bowers | Nuno Neves | Paul Newbatt | John M. Walls

2015 IEEE 42nd Photovoltaic Specialist Conference (PVSC)

Year: 2015

☐ **Comparison of DC and RF sputtered aluminium-doped zinc oxide for photovoltaic applications**

Patrick J. M. Isherwood; Michael Gona; Jake W. Bowers; Nuno Neves; Paul Newbatt; John M. Walls

2015 IEEE 42nd Photovoltaic Specialist Conference (PVSC)

Year: 2015

Pages: 1 - 5

IEEE Conferences

Abstract

(801 Kb)

The Effects of Cation Concentration in the Salt Solution on the Cerium Doped Gadolinium Gallium Aluminum Oxide Nanopowders Prepared by a Co-precipitation Method

Shenghui Yang | Yan Sun | Xianqiang Chen | Ye Zhang | Zhaohua Luo | Jun Jiang | Haochuan Jiang

IEEE Transactions on Nuclear Science

Year: 2014 | Volume: 61 | Issue: 1

☐ **The Effects of Cation Concentration in the Salt Solution on the Cerium Doped Gadolinium Gallium Aluminum Oxide Nanopowders Prepared by a Co-precipitation Method**

Shenghui Yang; Yan Sun; Xianqiang Chen; Ye Zhang; Zhaohua Luo; Jun Jiang; Haochuan Jiang

IEEE Transactions on Nuclear Science

Year: 2014, Volume: 61, Issue: 1

Pages: 301 - 305

IEEE Journals & Magazines

Abstract

(2082 Kb)

Silicone rubber dielectrics modified by inorganic fillers for outdoor high voltage insulation applications

E. A. Cherney

IEEE Transactions on Dielectrics and Electrical Insulation

Year: 2005 | Volume: 12 | Issue: 6

☐ **Silicone rubber dielectrics modified by inorganic fillers for outdoor high voltage insulation applications**

E. A. Cherney

IEEE Transactions on Dielectrics and Electrical Insulation

Year: 2005, Volume: 12, Issue: 6

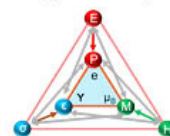
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Pages: 1108 - 1115

Cited by: Papers (54)

IEEE Journals & Magazines

Abstract

(204 Kb)

Silicone rubber dielectrics modified by inorganic fillers for outdoor high voltage insulation applications

E. A. Cherney

CEIDP '05. 2005 Annual Report Conference on Electrical Insulation and Dielectric Phenomena, 2005.

Year: 2005

☐ **Silicone rubber dielectrics modified by inorganic fillers for outdoor high voltage insulation applications**

E. A. Cherney

CEIDP '05. 2005 Annual Report Conference on Electrical Insulation and Dielectric Phenomena, 2005.

Year: 2005

Pages: 1 - 9

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IEEE Conferences

Abstract

(3142 Kb)

High-K Nanocomposites with Core-Shell Structured Nanoparticles for Decoupling Applications

Jianwen Xu | C. P. Wong

Proceedings Electronic Components and Technology, 2005. ECTC '05.

Year: 2005

☐ **High-K Nanocomposites with Core-Shell Structured Nanoparticles for Decoupling Applications**

Jianwen Xu; C. P. Wong

Proceedings Electronic Components and Technology, 2005. ECTC '05.

Year: 2005

Pages: 1234 - 1240

Cited by: Papers (6)

IEEE Conferences

Abstract

(683 Kb)

Yb-Doped Pedestal Silica Fiber Through Vapor Phase Doping for Pulsed Laser Applications

Maitreyee Saha | Sourav Das Chowdhury | Nishant Kumar Shekhar | Atasi Pal | Mrinmay Pal | Chandan Guha | Ranjan Sen

IEEE Photonics Technology Letters

Year: 2016 | Volume: 28 | Issue: 9

☐ **Yb-Doped Pedestal Silica Fiber Through Vapor Phase Doping for Pulsed Laser Applications**

Maitreyee Saha; Sourav Das Chowdhury; Nishant Kumar Shekhar; Atasi Pal; Mrinmay Pal; Chandan Guha; Ranjan Sen

IEEE Photonics Technology Letters

Year: 2016, Volume: 28, Issue: 9

Pages: 1022 - 1025

Cited by: Papers (1)

IEEE Journals & Magazines

Abstract

(1187 Kb)

Chalcogenide fibers for infrared photonics: Recent

developments

Jean-Luc Adam | Johann Trolès | Virginie Nazabal | Laurent Brilland |

Catherine Boussard | Bruno Bureau

2015 17th International Conference on Transparent Optical Networks (ICTON)

Year: 2015

☐ **Chalcogenide fibers for infrared photonics: Recent developments**

Jean-Luc Adam; Johann Trolès; Virginie Nazabal; Laurent Brilland; Catherine Boussard; Bruno Bureau

2015 17th International Conference on Transparent Optical Networks (ICTON)

Year: 2015

Pages: 1 - 1

IEEE Conferences

Abstract

(106 Kb)

Distribution of Bismuth and Bismuth-Related Centers in Core Area of Y-Al-SiO₂:Bi Fibers

Alexander V. Kir'yanov | Arindam Halder | Yuri O. Barmenkov | Shyamal Das |

Anirban Dhar | Shyamal K. Bhadra | Vassily V. Koltashev | Victor G.

Plotnichenko | Mukul C. Paul

Journal of Lightwave Technology

Year: 2015 | Volume: 33 | Issue: 17

☐ **Distribution of Bismuth and Bismuth-Related Centers in Core Area of Y-Al-SiO₂:Bi Fibers**

Alexander V. Kir'yanov; Arindam Halder; Yuri O. Barmenkov; Shyamal Das;

Anirban Dhar; Shyamal K. Bhadra; Vassily V. Koltashev; Victor G. Plotnichenko;

Mukul C. Paul

Journal of Lightwave Technology

Year: 2015, Volume: 33, Issue: 17

Pages: 3649 - 3659

Cited by: Papers (4)

IEEE Journals & Magazines

Abstract

(761 Kb)

Ce³⁺ multicenters in selected garnets, perovskites, and glasses

A. Suchocki | H. Przybylińska | A. Wittlin | M. Berkowski | Chong-Geng Ma | M.

G. Brik | A. Kamińska | P. Sybilski | Yu. Zorenko | M. Nikl | V. Gorbenko | M.

Kučera | A. Wajler | M. Malinowski

International Conference on **Oxide** Materials for Electronic Engineering -

fabrication, properties and applications (OMEE-2014)

Year: 2014

☐ **Ce³⁺ multicenters in selected garnets, perovskites, and glasses**

A. Suchocki; H. Przybylińska; A. Wittlin; M. Berkowski; Chong-Geng Ma; M. G.

Brik; A. Kamińska; P. Sybilski; Yu. Zorenko; M. Nikl; V. Gorbenko; M. Kučera; A.

Wajler; M. Malinowski

International Conference on **Oxide** Materials for Electronic Engineering -

fabrication, properties and applications (OMEE-2014)

Year: 2014

Pages: 125 - 126

IEEE Conferences

Abstract

(340 Kb)

Vapor Phase Doping of Rare-Earth in Optical Fibers for High Power Laser

Maitreyee Saha | Atasi Pal | Ranjan Sen

IEEE Photonics Technology Letters

Year: 2014 | Volume: 26 | Issue: 1

- ☐ **Vapor Phase Doping of Rare-Earth in Optical Fibers for High Power Laser**
 Maitreyee Saha; Atasi Pal; Ranjan Sen
 IEEE Photonics Technology Letters
 Year: 2014, Volume: 26, Issue: 1
 Pages: 58 - 61
 Cited by: Papers (8)
IEEE Journals & Magazines

Abstract (909 Kb)

Materials design considerations involved in the fabrication of implantable bionics by metallization of ceramic substrates

Sunil Patel | Thomas Guenther | Christopher W. D. Dodds | Sergej Kolke | Karen L. Privat | Paul B. Matteucci | Gregg J. Suaning
 2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)
 Year: 2013

- ☐ **Materials design considerations involved in the fabrication of implantable bionics by metallization of ceramic substrates**
 Sunil Patel; Thomas Guenther; Christopher W. D. Dodds; Sergej Kolke; Karen L. Privat; Paul B. Matteucci; Gregg J. Suaning
 2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)
 Year: 2013
 Pages: 759 - 762
IEEE Conferences

Abstract (2425 Kb)

Chalcogenide glass fibers for photonic devices

J. L. Adam | L. Brilland | P. Toupin | V. Nazabal | J. Troles
 2013 15th International Conference on Transparent Optical Networks (ICTON)
 Year: 2013

- ☐ **Chalcogenide glass fibers for photonic devices**
 J. L. Adam; L. Brilland; P. Toupin; V. Nazabal; J. Troles
 2013 15th International Conference on Transparent Optical Networks (ICTON)
 Year: 2013
 Pages: 1 - 4
IEEE Conferences

Abstract (435 Kb)

Refractory ceramics for aluminum electrolyzes based on clay raw material

T. V. Vakalova | A. A. Reshetova
 2012 7th International Forum on Strategic Technology (IFOST)
 Year: 2012

- ☐ **Refractory ceramics for aluminum electrolyzes based on clay raw material**
 T. V. Vakalova; A. A. Reshetova
 2012 7th International Forum on Strategic Technology (IFOST)
 Year: 2012
 Pages: 1 - 7
IEEE Conferences

Abstract (714 Kb)

Nanoscale chemicals and materials Applications and market overview

Stefan Schlag | Bala Suresh | Vivien Yang | Masahiro Yoneyama

International Conference on Nanoscience, Engineering and Technology
(ICONSET 2011)

Year: 2011

☐ **Nanoscale chemicals and materials Applications and market overview**

Stefan Schlag; Bala Suresh; Vivien Yang; Masahiro Yoneyama

International Conference on Nanoscience, Engineering and Technology

(ICONSET 2011)

Year: 2011

Pages: 308 - 313

IEEE Conferences

Abstract

(220 Kb)

Laser treatment of **aluminum oxide ceramics** substrates surface
for microwave hybrid IC's

Elena V. Savruk | Seraphim V. Smirnov

2011 International Siberian Conference on Control and Communications
(SIBCON)

Year: 2011

☐ **Laser treatment of **aluminum oxide ceramics** substrates surface for
microwave hybrid IC's**

Elena V. Savruk; Seraphim V. Smirnov

2011 International Siberian Conference on Control and Communications

(SIBCON)

Year: 2011

Pages: 239 - 241

Cited by: Papers (1)

IEEE Conferences

Abstract

(878 Kb)

Synthesis of neutral $\text{SiO}_2/\text{TiO}_2$ hydrosol and its photocatalytic
degradation of nitric **oxide** gas

Chia-Hung Huang | Hsunling Bai | Shu-Ling Liu | Yao-Ling Huang | Yao-Hsuan
Tseng

IET Micro & Nano Letters

Year: 2011 | Volume: 6 | Issue: 8

☐ **Synthesis of neutral $\text{SiO}_2/\text{TiO}_2$ hydrosol and its photocatalytic
degradation of nitric **oxide** gas**

Chia-Hung Huang; Hsunling Bai; Shu-Ling Liu; Yao-Ling Huang; Yao-Hsuan
Tseng

IET Micro & Nano Letters

Year: 2011, Volume: 6, Issue: 8

Pages: 646 - 649

Cited by: Papers (1)

IET Journals & Magazines

Abstract

(294 Kb)

Nanotexturing of **ceramic** products surface by means of low-
energy electron and laser exposure

Elena V. Savruk | Seraphim V. Smirnov

2011 International Conference and Seminar on Micro/Nanotechnologies and
Electron Devices Proceedings

Year: 2011

☐ **Nanotexturing of **ceramic** products surface by means of low-energy
electron and laser exposure**

Elena V. Savruk; Seraphim V. Smirnov

2011 International Conference and Seminar on Micro/Nanotechnologies and
Electron Devices Proceedings

Year: 2011

Pages: 96 - 99

IEEE Conferences

Abstract

(613 Kb)

Optimization of electrical and optical properties in multilayer TCO thin film structures

Joseph George | Robert Haley | Brian Pate | Steve Rozeveld | Mitchell Krafft | Mark T. Bernius | Simon Yeung

2009 34th IEEE Photovoltaic Specialists Conference (PVSC)

Year: 2009

☐ **Optimization of electrical and optical properties in multilayer TCO thin film structures**

Joseph George; Robert Haley; Brian Pate; Steve Rozeveld; Mitchell Krafft; Mark T. Bernius; Simon Yeung

2009 34th IEEE Photovoltaic Specialists Conference (PVSC)

Year: 2009

Pages: 000440 - 000444

Cited by: Patents (3)

IEEE Conferences

Abstract

(12401 Kb)

Use of nano-silica carriers for the fabrication of Li₂O/MgO catalyst nano-particles on the surface of alpha-alumina supports

B. Fallah | C. Falamaki

IET Micro & Nano Letters

Year: 2009 | Volume: 4 | Issue: 3

☐ **Use of nano-silica carriers for the fabrication of Li₂O/MgO catalyst nano-particles on the surface of alpha-alumina supports**

B. Fallah; C. Falamaki

IET Micro & Nano Letters

Year: 2009, Volume: 4, Issue: 3

Pages: 166 - 171

IET Journals & Magazines

Abstract

(470 Kb)

Effect of GeO additive on fluorescence intensity enhancement in bismuth-doped silica glass

Yasushi Fujimoto | Yuki Hirata | Yoshiyuki Kuwada | Masahiro Nakatsuka

2007 Conference on Lasers and Electro-Optics - Pacific Rim

Year: 2007

☐ **Effect of GeO additive on fluorescence intensity enhancement in bismuth-doped silica glass**

Yasushi Fujimoto; Yuki Hirata; Yoshiyuki Kuwada; Masahiro Nakatsuka

2007 Conference on Lasers and Electro-Optics - Pacific Rim

Year: 2007

Pages: 1 - 2

IEEE Conferences

Abstract

(266 Kb)

Millimeter-wave sintering of polycrystalline ceramic laser materials

M. Lombardi | A. W. Fliflet | D. Lewis | R. W. Bruce | J. S. Choi | R. L. Bruce | M. Kahn | S. Foster

2005 Joint 30th International Conference on **Infrared** and Millimeter Waves and
13th International Conference on Terahertz Electronics

Year: 2005 | Volume: 1

☐ **Millimeter-wave sintering of polycrystalline **ceramic** laser materials**

M. Lombardi; A. W. Fliflet; D. Lewis; R. W. Bruce; J. S. Choi; R. L. Bruce; M. Kahn; S. Foster

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13th International Conference on Terahertz Electronics

Year: 2005, Volume: 1

Pages: 231 - 232 vol. 1

Cited by: Papers (2)

IEEE Conferences

Abstract

(1994 Kb)

Synthesis and characterization of **silica**-alumina co-doped
polyimide film

Zhang Mingyan | Zeng Shujin | Dong Tiequan | Zhong Jinghe | Fan Yong |
Zhang Xiaohong | Lei Qingquan
Proceedings of 2005 International Symposium on Electrical Insulating
Materials, 2005. (ISEIM 2005).

Year: 2005 | Volume: 1

☐ **Synthesis and characterization of **silica**-alumina co-doped polyimide film**

Zhang Mingyan; Zeng Shujin; Dong Tiequan; Zhong Jinghe; Fan Yong; Zhang Xiaohong; Lei Qingquan

Proceedings of 2005 International Symposium on Electrical Insulating
Materials, 2005. (ISEIM 2005).

Year: 2005, Volume: 1

Pages: 203 - 205 Vol. 1

IEEE Conferences

Abstract

(438 Kb)

Er³⁺-doped Al₂O₃ thin films by plasma-enhanced chemical vapor
deposition (PECVD) exhibiting a 55-nm optical bandwidth

C. E. Chryssou | C. W. Pitt
IEEE Journal of Quantum Electronics
Year: 1998 | Volume: 34 | Issue: 2

☐ **Er³⁺-doped Al₂O₃ thin films by plasma-enhanced chemical vapor
deposition (PECVD) exhibiting a 55-nm optical bandwidth**

C. E. Chryssou; C. W. Pitt

IEEE Journal of Quantum Electronics

Year: 1998, Volume: 34, Issue: 2

Pages: 282 - 285

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IEEE Journals & Magazines

Abstract

(92 Kb)

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