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   Nano- and Submicron Sized Europium Activated Silicate Phosphors Prepared by a Modified Co-Precipitation Method
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   Corrosion Inhibitors in Sodium Periodate Slurry for Chemical Mechanical Planarization of Ruthenium Film
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7. Electronic Materials and Processing:
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   Investigation of Percarbonate Based Slurry Chemistry for Controlling Galvanic Corrosion during CMP of Ruthenium
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   Making Microholes in Glass by Electrochemical Local Acidification of Fluoride-Containing Solution
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   H. Nafe
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   Enhancement of Photoluminescence in (Gd,Eu)₂O₃(OWO₄)₃ Phosphors by Lanthanum Doping into the Host Gd₂O₃(OWO₄)₂ Lattice
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    Adsorption Model of Organic Molecules on the Surface of Thermally Oxidized Silicon
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    Nobuyoshi Sato and Yukihiro Shimogaki
    O₂-TEOS CVD Film Formation on Thermal SiO₂ Pre-Coated with Ethanol
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    Temperature-Dependent Long-Lasting Phosphorescence in Sr₃La₂O₅₂·Eu²⁺
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    Takaaki Arai and Sadao Adachi
    IR Emission Band and Multiple-Peak Structure in
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    Oxy-Fluoride Phosphors for Solid State Lighting
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    Phosphor Development and Integration for Near-UV LED Solid State Lighting
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    Eu2+ Activated Molybdate and Tungstate Based Red Phosphors with Charge Transfer Band in Blue Region
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    Electrical and Morphological Properties of ALD and AVD Grown Perovskite-Type Dielectrics and Their Stacks for Metal-Insulator-Metal Applications
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    Effects of Diffusion of Hydrogen and Oxygen on Electrical Properties of Amorphous Oxide Semiconductors, In-Ga-Zn-O
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26. Electronic Materials and Processing:
    R. G. Mertens, R. G. Blair, and K. B. Sundaram
    Recession and Characterization of Patterned Nanowires Grown by Electroless Etching of Silicon
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    Pattern Dependency and Loading Effect of Pure-Boron-Layer Chemical-Vapor Deposition
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28. Luminescence and Display Materials, Devices, and Processing:
    J. K. Han, M. E. Hannah, A. Piquette, J. B. Talbot, K. C. Mishra,
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    Sol-Gel Synthesis of Single Phase, High Quantum Efficiency LiCaPO4:Eu2+ Phosphors
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Evaluation of the Bulk Lifetime of Silicon Wafers by Immersion in
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Kai Sun, M. M. A. Hakim, R. Gunn, and P. Ashburn
Effect of Fluorine on the Lateral Crystallization of Amorphous
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33. Luminescence and Display Materials, Devices, and Processing:
Jingshan Hou, Weizhong Jiang, Yongzheng Fang, Yaoming Wang,
Xin Yin, and Fuqiang Huang
Red-Emitting Ca2Al(PO4)2:Ce3+, Mn2+ Phosphor with Energy
Transfer Prepared by Solid State Reaction
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34. Electronic and Photonic Devices, and Systems:
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Closed-Form Model for High-k MOSFET Channel Parameters;
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35. Electronic Materials and Processing:
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and Masanobu Miyao
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Uma Rames Krishna Lagudu, Ashwin M. Chockalingam,
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Role of Potassium Permanganate–Based Solutions in Controlling
the Galvanic Corrosion at Al–Co Interface
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37. Electronic and Photonic Devices, and Systems:
A. G. Muñoz, C. Heine, M. Lublow, H. W. Klemm, N. Szabó,
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Li-Chih Liu, Jen-Sue Chen, Jiann–Shing Jeng, and Wei–Yu Chen
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39. Luminescence and Display Materials, Devices, and Processing:
Dejan Hou, Wei Chen, Xuemei Ding, Hongbin Liang, Lirong Zheng, and Jing Zhang
Intensity Blue Emission Phosphor BaCa₂MgSi₂O₈: Eu²⁺ for Fluorescent Lamps
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40. Electronic and Photonic Devices, and Systems:
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Chemical Mechanical Polishing of Al-Co Films for Replacement Metal Gate Applications
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41. Dielectric Science and Materials:
H. Nafe
Electrochemical CO₂ Separation through an Alkali-Carbonate-Based Membrane
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42. Carbon Nanostructures and Devices:
Tamie A. J. Loh and Daniel H. C. Chua
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Tarek M. Abdel-Fattah and Alex Wixtrom
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44. Electronic Materials and Processing:
C. W. Extrand, S. I. Moon, and L. Monson
Translation of Dilute Soluble Contaminants to Wafers during Spin Coating
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45. Luminescence and Display Materials, Devices, and Processing:
Yoshinori Nagoa and Sadao Adachi
High Energy Transfer Efficiency in Photoluminescence of (Ce³⁺, Tb³⁺)-Codoped NaCl Green Phosphor
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46. Luminescence and Display Materials, Devices, and Processing:
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Synthesis and Optical Properties of BaTi₅Ge₂Mn⁶⁺ Red Phosphor
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Yikang Zuo, Sun Woog Kim, Toshiyuki Masui, and Nobuhito Imanaka
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49. **Electronic Materials and Processing:**
Nian-Huei Chen, Chiu-Yen Wang, Jenn-Chang Hwang, and Fon-Shan Huang
MOCVD Al Nanocrystals Embedded in AlO$_x$N$_y$ Thin Films for Nonvolatile Memory
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50. **Electronic and Photonic Devices, and Systems:**
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