

# Journal of MATERIALS RESEARCH

Volume 22, Number 3, March 2007

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- 561–564 **Synthesis of AlN nanowires by nitridation of  $Ti_3Si_{0.9}Al_{0.1}C_2$  solid solution** H.B. Zhang, J. Zhang, Y.C. Zhou, Y.W. Bao, M.S. Li
- 565–568 **Effect of  $GeO_2$  additive on fluorescence intensity enhancement in bismuth-doped silica glass** Yasushi Fujimoto, Yuki Hirata, Yoshiyuki Kuwada, Takahiro Sato, Masahiro Nakatsuka

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- 777–787 **Effects of abrasive particle size and molecular weight of poly(acrylic acid) in ceria slurry on removal selectivity of SiO<sub>2</sub>/Si<sub>3</sub>N<sub>4</sub> films in shallow trench isolation chemical mechanical planarization** Hyun-Goo Kang, Hyung-Soon Park, Ungyu Paik, Jea-Gun Park
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- 801–813 **Microstructural examination in high-strain-rate superplastically deformed tetragonal ZrO<sub>2</sub> dispersed with 30 vol% MgAl<sub>2</sub>O<sub>4</sub> spinel** Koji Morita, Keijiro Hiraga, Byung-Nam Kim, Yoshio Sakka

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**ERRATA**

- 814 Erratum: "Extracting the elastic and viscoelastic properties of a polymeric film using a sharp indentation relaxation test" [J. Mater. Res. 21, 2991 (2006)] C.Y. Zhang, Y.W. Zhang,  
K.Y. Zeng, L. Shen, Y.Y. Wang
- 815 Erratum: "In situ x-ray study of the  $\gamma$ - to  $\alpha$ - $\text{Al}_2\text{O}_3$  phase transformation during atmospheric pressure oxidation of NiAl(110)" [J. Mater. Res. 21, 3047 (2006)] A. Vlad, A. Stierle, N. Kasper,  
H. Dosch, M. Rühle
- 816 Erratum: "Structural characterization of a new layered-ternary  $\text{Ta}_4\text{AlC}_3$  ceramic" [J. Mater. Res. 21, 2587 (2006)] Z.J. Lin, M.J. Zhuo, Y.C. Zhou,  
M.S. Li, J.Y. Wang