

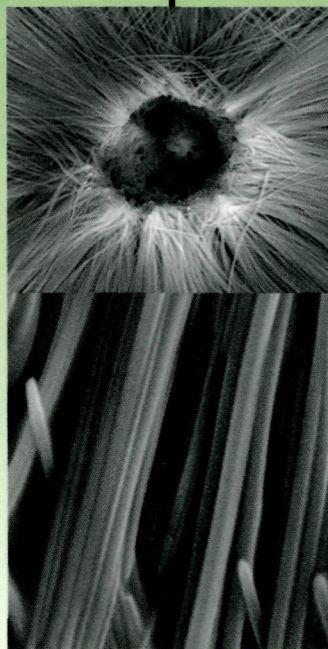
PII
I-69/jac

International Journal of

Applied Ceramic TECHNOLOGY

Topical Focus

Nanoceramics



WILEY

TOPICAL SECTION: NANOCERAMICS

Preparation and Xylene-Sensing Properties of Co_3O_4 Nanofibers	619
<i>F. Qu, C. Feng, C. Li, W. Li, S. Ruan, S. Wen, and H. Zhang</i>	
Structural and Magnetic Property of $\text{Co}_{1-x}\text{Ni}_x\text{Fe}_2\text{O}_4$ Nanoparticles Synthesized by Hydrothermal Method	626
<i>H.-Y. He</i>	
Synthesis of Volcano-Like CdS/Organic Nanocomposite	637
<i>F. Davar, M. R. Loghman-Estarki, M. Salavati-Niasari, and R. Ashiri</i>	
Preparation of CeO_2 Nano Rods Through a Sonication-Assisted Precipitation	645
<i>P. Kim-Lohsoontorn, V. Tiyapongpattana, N. Asarasri, P. Seebaraj, and N. Laosiripojana</i>	
A Sonochemical-Assisted Synthesis of Pure Nanocrystalline Tetragonal Zirconium Dioxide Using Tetramethylethylenediamine	654
<i>S. Zinatloo-Ajabshir and M. Salavati-Niasari</i>	
Synthesis, Crystal Structure, Spectroscopic and Thermal Analysis of Strontium Pyrophosphate Dihydrate Nanoparticles	663
<i>P. Solanki, S. Vasant, and M. Joshi</i>	
A Facile Route to Construct SiCO Nanospheres with Tunable Sizes	670
<i>Y. Yu, H. Wang, H. San, Y. Liu, J. Fang, L. An, and Q. Fang</i>	
Magnetic and Photocatalytic Behaviors of Ba-Doped BiFeO_3 Nanofibers	676
<i>Y.-N. Feng, H.-C. Wang, Y. Shen, Y.-H. Lin, and C.-W. Nan</i>	
Precursor Selection for Sol-Gel Synthesis of Titanium Carbide Nanopowders by a New Intuitionistic Fuzzy Multi-Attribute Group Decision-Making Model	681
<i>F. Hosseinzadeh, H. Sarpoolaki, and H. Hashemi</i>	

GENERAL SECTION

Flexible Hydrophobic and Lipophilic Aluminum-Doped Silicon Carbide Fibrous Mats Synthesized by Electrospinning Polyaluminumcarbosilane	699
<i>Y. Yu, Y. Chen, and L. An</i>	
Dispersion and Rheology of Aqueous Zirconium Diboride Nanosuspensions	706
<i>R. He, P. Hu, X. Zhang, W. Han, and Q. Wang</i>	
Immobilization of TiO_2 into Self-Supporting Photocatalytic Foam: Influence of Calcination Temperature	714
<i>T. Tytgat, M. Smits, S. Lenaerts, and S. W. Verbruggen</i>	
In Situ TiC Ceramic Particles Locally Reinforced Al-Si Matrix Composites Prepared by SHS-Casting Method from the Al-Si-Ti-C System	723
<i>M. Zhang, Y. Huo, L. Ma, B. Huang, and Q. Hu</i>	
Lateral Conduction Switching in Sputtered Ni-rich NiO Thin Films for Write-Once-Read-Many-Times Memory Applications	732
<i>Z. Liu, H. Y. Zhang, T. P. Chen, P. Liu, S. Zhang, and W. L. Zhang</i>	
New Alumina-Based Novel Ceramic Nanopigments: An Alternative to the Purple of Cassius	738
<i>A. M. Jastrzębska, P. Kurtycz, A. R. Olszyna, J. Jureczko, and A. R. Kunicki</i>	
Residual Stress Distribution and Characterization on Multi-Curved Armor Tiles	745
<i>L. Wang, K. Li, B. Munn, V. Halls, and J. Zheng</i>	
Preparation and Property of Solid-Solution $\text{Cu}(\text{In,Ga})\text{Se}_2\text{-Cu}_2\text{ZnSnSe}_4$ Films Obtained from the Paste Printing of Nanosized Cermet Pastes and Subsequent Selenization	755
<i>D.-H. Kuo, J.-J. Chen, and W.-L. Chen</i>	
Effects of Particle Size on Electromagnetic and Microwave Absorption Properties of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_{3.5\delta}$-Epoxy Composite	762
<i>S. Zhang, Q. Cao, M. Zhang, L. Cai, and Q. Yan</i>	
High-Temperature Flexural Strength and Thermal Stability of Near Zero Expanding doped Aluminum Titanate Ceramics for Diesel Particulate Filters Applications	773
<i>R. Papitha, M. Buchi Suresh, R. Johnson, and D. Dibakar</i>	
Failure Analysis of Modern Silicon Dice	783
<i>R. Dugnani and P. Verghese</i>	