

Contents

Süleyman Tekeli and Ahmet Güral

High Temperature Tensile Properties of Equal Channel Angular Pressed Al-Zn-Mg-Cu Alloy — 675

J. Maniraj, V. Selladurai, N. Sivashanmugam,

S. Arungalai Vendan and S. Myilswamy

Hard Finish Turning Parameters Optimization for Machining of High Temperature Stainless Steel — 679

Ashok Kumar Ray and Prabir Kumar Roy

High Cycle Fatigue and Cyclic Plastic Deformation Behaviour of High Temperature Oxidation Resistant Titanium Aluminide Coated IMI 834 Alloy at 873 K — 691

Süleyman Tekeli, Bülent Aktaş and Mustafa Küçüktüvek
Microstructural and Mechanical Properties of Er_2O_3 - ZrO_2 Ceramics with Different Er_2O_3 Contents — 701

Davood Ghanbari, Masoud Salavati-Niasari and Fatemeh Davar

Synthesis of Different Morphologies of PbS Nanostructures via Hydrothermal Process — 707

Azam Sobhani and Masoud Salavati-Niasari

Facile Hydrothermal Synthesis of $\text{CoSO}_4 \cdot \text{H}_2\text{O}$ Nanoparticles and Barite Microcubes from Novel Precursors — 711

Guangyan Fu, Xiaopeng Tang, Qun Liu, Yong Su and Xiao Wang

Hot Corrosion of Fe-Cr Alloys with 75 Na_2SO_4 + 25 NaCl Coating at 1173 K — 717

Gholamreza Nabiyouni, Parviz Boroojerdian, Kambiz Hedayati and Davood Ghanbari

A Simple Method for Synthesis of PbS Nanoparticles Using 2-Mercaptoethanol as the Capping Agent — 723

D. Ghosh and S. K. Mitra

Influence of Alloy Grain Size on High Temperature Corrosion Behavior of 2.25 Cr-1 Mo Steel in SO_2 + O_2 Atmosphere — 727

Mohammad Yousefi and Masoud Salavati-Niasari

Encapsulation of Erbium(III) and Thulium(III) Nanocomplexes Containing 18- and 20-Membered Dioxo Tetraaza Macrocyclic Ligands Within the Framework of Zeolite — 733

Mustafa Cem Lider and Hamit Yurtseven

Calculation of the Raman Linewidths of Lattice Modes Close to the α - β Transition in Quartz — 741

Melis Ozmen, Ipek Akin and Muzeyyen Marsoglu

Production and Characterization of Hydroxyapatite-Zirconia Composites — 749

S. G. Tian, G. L. Xie, J. Xie and X. M. Zhou

Influence of Long-term Aging on Microstructure and Creep Behaviors of FGH95 Nickel-based Superalloy — 755

Krishna Guguloth, Jaganathan Swaminathan,

Sumanta Bagui and Ashok Kumar Ray

Remnant Life Assessment and Microstructural Studies on Service Exposed Primary Reformer Tubes of a Catalytic Converter of an Ammonia Plant — 759

Davood Ghanbari and Masoud Salavati-Niasari

Preparation and Characterization of Poly Methyl Methacrylate-cadmium Sulfide Nanocomposite — 769

Z. Grzesik, Z. Jurasz, K. Adamaszek and S. Mrowec

Oxidation Kinetics of Steels Utilized in the Production of Valves in Automobile Industry — 775

