

Contents

Improving the Surface Hardness and Wear Resistance of S45C Carbon Steel <i>Via</i> Various Heat Treatments and pH Values of Electroless Ni-P Deposition.	1
Shih-Hsien Chang, Chih-Chung Chang and Cheng Liang	
Enhancement of Nanocomposite for Humidity Sensor Application. . . .	15
N. D. Md Sin, Mohamad Fadzil Tahar, M. H. Mamat and M. Rusop	
Chemical Solution-Based Synthesis of Nano-Magnesium Oxide Dielectrics	31
Habibah Zulkefle, Adillah Nurasyikin, Lyly Nyl, Raudah Abu Bakar and Mohamad Rusop Mahmood	
Nanozeolite Produced by Wet Milling at Different Milling Time	41
N. Z. F. Mukhtar, M. Z. Borhan, M. Rusop and S. Abdullah	
The Performance of Solid-State Dye Sensitized Solar Cells with Mist-Atomized CuI as the Hole Conductors	49
M. N. Amalina and M. Rusop	
Sound Absorption Properties of a Low Density Date Palm Fibers Panel.	63
A. K. Elwaleed, N. Nikabdullah, M. J. M. Nor, M. F. M. Tahir and R. Zulkifli	
Effect of Strain Rate on Tensile Strength and Work Hardening for Al-Zn Magnesium Alloys	77
N. Abdul Latif, Z. Sajuri, J. Syarif and Y. Mutoh	
Surface Morphology and Nanoindentation of Low Temperature Hybrid Treated of AISI 316L	93
Askar Triwiyanto, Patthi Husain, Silvia Anggraeni and Mokhtar Ismail	

Recent Trends in Nanotechnology and Materials
Science

Selected Review Papers from the 2013 International
Conference on Manufacturing, Optimization, Industrial
and Material Engineering (MOIME 2013)

Lumban Gaol, F.; Webb, J. (Eds.)

2014, X, 103 p. 66 illus., 7 illus. in color., Hardcover

ISBN: 978-3-319-04515-3