

2010 —UTSUNOMIYA Hiroshi

Scientific Papers/Commentary Articles

1. H. Utsunomiya, T. Yukimoto, T. Sakai, S. Suzuki, H. Nakajima, Deformation of Lotus-Type Porous Copper in Rolling, *Materials Science Forum*, 658, 358-331, 2010
2. S. Suzuki, J. L. Martin, H. Utsunomiya, H. Nakajima, Effect of Pass Route and Pass Number of Equal-Channel Angular Extrusion on Structure and Strength of Lotus-Type Porous Copper, *Steel Research Int.*, 81, 482-485, 2010
3. T. Nakamizo, I. Takasu, M. Nakasaki, H. Utsunomiya, Three-Rolls-Type Hot Ring Rolling Process of Large Seamless Rings, *Steel Research Int.*, 81, 194-197, 2010
4. H. Utsunomiya, T. Yukimoto, T. Sakai, S. Suzuki, H. Nakajima, Pore Closure in Multi-Pass Cold Rolling of Lotus-Type Porous Copper, *Steel Research Int.*, 81, 158-161, 2010
5. S. H. Lee, J. Y. Lim, H. Utsunomiya, K. Euh, S. Z. Han, Microstructure and Mechanical Properties of a Cu-Fe-P Copper Alloy Sheet by Differential Speed Rolling, *Korean Journal of Metals and Materials*, 48, 942-950, 2010
6. H. Utsunomiya, S. Kawajiri, N. Takahira, T. Sakai, T. Tanaka, Nano-Porous Layer on Steel Surface as Lubricant Carrier, *Journal of Nanoscience and Nanotechnology*, 11, 1750-1753, 2010
7. T. B. Kim, M. Tane, S. Suzuki, H. Utsunomiya, T. Ide, H. Nakajima, Strength and Pore Morphology of Porous Aluminum and Porous Copper with Directional Pores deformed by Equal Channel Angular Extrusion, *Materials Science and Engineering A*, 528, 2363-2369, 2011

International Conference Proceedings

1. T. Sakai, A. Hashimoto, G. Hamada, H. Utsunomiya, Deformation and Evolution of Microstructure and Texture during High Speed Heavy Rolling of AZ31 Magnesium Alloy Sheet, *Magnesium Technology 2011*, 369-372, 2011