

## 2008 — UTSUNOMIYA Hiroshi

### Scientific Papers/Commentary Articles

1. H. Utsunomiya, Y. Tamura, T. Yukimoto, T. Sakai, Change in Vickers Hardness Statistics of Aluminum with Plastic Deformation, *Steel Reserach International*, 10(9), 826-829, 2008
2. Y. Watanabe, T. Sakai, H. Utsunomiya, "Single Pass Large Draught Rolling of AZ80 Magnesium Alloy Sheet by High Speed Rolling", *Steel Reserach International*, 10(9), 712-716, 2008
3. T. Ueno, H. Utsunomiya, T. Sakai, Deformation and Texture Evolution During Differential Friction Rolling of Aluminum Sheet, *Steel Reserach International*, 10(9), 168-175, 2008
4. S. Suzuki, H. Utsunomiya, H. Nakajima, Equal-Channel Angular Extrusion Process of Lotus-Type Porous Copper, *Materials Science and Engineering A*, 490, 465-470, 2008
5. H. Li, E. Hsu, J. Szpunar, H. Utsunomiya, T. Sakai, "Deformation Mechanism and Texture and Microstructure Evolution during High-Speed Rolling of AZ31B mg Sheets", *Journal of Materials Science*, 43, 7148-7156, 2008
6. H. Utsunomiya, H. Koh, J. Miyamoto, T. Sakai, High-Strength Porous Copper by Cold-Extrusion, *Advanced Engineering Materials*, 10 (9) , 826-829, 2008
7. S. Kaneko, K. Murakami, T. Sakai, Effect of the Extrusion Conditions on Microstructure Evolution of the Extruded Al-Mg-Si-Cu Alloy Rods, *Materials Science and Engineering A*, 500, 8-15, 2009

### International Conference Proceedings

1. H. Utsunomiya, K. Masui, S. Kaneko, T. Sakai, Consideration of Spatial Inhomogeneity in Flow Stress in Finite Element Analysis, *Advanced Technology of Plasticity 2008*, 1860-1865, 2008
2. H. Utsunomiya, S. Kawajiri, N. Takahira, T. Sakai, T. Tanaka, Surface Pore Formation of Low-Carbon Steel for Cold Forging, *Proc. 5th Int. Conf. on Porous Metals and Metallic Foams*, 153-208, 2008
3. H. Koh, H. Utsunomiya, J. Miyamoto, T. Sakai, Fabrication of High-Strength Porous Metal by Cold-Bonding, *Proc. 5th Int. Conf. on Porous Metals and Metallic Foams*, 133-136, 2008
4. S. Suzuki, H. Nakajima, H. Utsunomiya, Equal-channel Angular Extrusion of Lotus-type Porous Copper, *Proc. 5th Int. Conf. on Porous Metals and Metallic Foams*, 133-136, 2008
5. T. Sakai, S. Minamiguchi, H. Koh, H. Utsunomiya, Texture of Magnesium Alloy Sheets Heavily Rolled by High Speed Warm Rolling, *Proc. 15th Int. Conf. on Texture of Materials*, 205-208, 2008