

2009 — FUJIMOTO Shinji

Scientific Papers/Commentary Articles

1. M. Takeda, T. Onishi, S. Nakakubo, S. Fujimoto, Physical Properties of Iron-Oxide Scales on Si-Containing Steels at High Temperature, *Materials Transactions*, 50, 2242-2246, 2009
2. S. Fujimoto, V. Raman, H. Tsuchiya, Surface Modification of β -type Titanium Alloy by Electrochemical Potential Pulse Polarization, *Journal of Physics: Conference Series*, 165, no. 012007-1-6, 2009
3. T. Saito, H. Masaki, F.A. Mukhlis, H. Tsuchiya, S. Fujimoto, Crystallographic Characterization of Stress Corrosion Cracking Initiation on Type316L Stainless Steel in High Temperature and High Pressure Water, *Journal of Physics: Conference Series*, 165, no. 012009-1-4, 2009
4. H. Tsuchiya, N. Tokuoka, S. Honda, Y. Shinkai, Y. Shimizu, S. Fujimoto, TiO₂ nanotube layers with metallic nanoparticles, *Journal of Physics: Conference Series*, 165, no. 012037-1-6, 2009
5. H. Tsuchiya, T. Akaki, J. Nakata, D. Terada, N. Tsuji, Y. Koizumi, Y. Minamino, P. Schmuki, S. Fujimoto, Metallurgical aspects on the formation of self-organized anodic oxide nanotube layers, *Electrochimica Acta*, 54, 5155-5162, 2009
6. H. Tsuchiya, T. Akaki, J. Nakata, D. Terada, N. Tsuji, Y. Koizumi, Y. Minamino, P. Schmuki, S. Fujimoto, Anodic oxide nanotube layers on Ti-Ta alloys: Substrate composition, microstructure and self-organization on two-size scales, *Corrosion Science*, 51, 1528-1533, 2009
7. N.K. Shrestha, Y.-C. Nah, H. Tsuchiya, P. Schmuki, Self organized nano-tubes of TiO₂-MoO₃ with enhanced electrochromic properties, *Chemical Communications*, 15, 2008-2010, 2009
8. J.M. Macak, C. Zollfrank, B.J. Rodriguez, H. Tsuchiya, M. Alexe, P. Greil, P. Schmuki, Ordered Ferroelectric Lead Titanate Nanocellular Structure by Conversion of Anodic TiO₂ Nanotubes, *Advanced Materials*, 21, 3121-3125, 2009

Symposia

1. 216th meeting of The Electrochemical Society, "Oxide Films", Invited speakers: H. Strehblow (Heinrich-Heine-Universitaet)