

2010 —FUJII Hidetoshi

Scientific Papers/Commentary Articles

1. Yoshiaki Morisada, Hidetoshi Fujii, Tadashi Mizuno, Genryu Abe, Toru Nagaoka and Masao Fukusumi, Modification of thermally sprayed cemented carbide layer by friction stir processing, *Surface & Coating Technology*, 204, 2459~2464, 2010/4/25
2. Hidetoshi Fujii, Yufeng Sun, Hideaki Kato, Kazuhiro Nakata, Investigation of welding parameter dependent microstructure and mechanical properties in friction stir welded pure Ti joints, *Materials Science and Engineering A*, 527, 3386~3391, 2010/6/15
3. Y.F.Sun, Y.S.Ji, H.Fujii, K.Nakata and K.Nogi, Microstructure and Mechanical Properties of Friction Stir Welded Joint of Zr55Cu30Al10Ni5 Bulk Metallic Glass with Pure Copper, *Materials Science and Engineering A*, 527, 3427~3432, 2010/6/15
4. Y.D. Chung, H. Fujii, R. Ueji and N. Tsuji, Friction stir welding of high carbon steel with excellent toughness and ductility , *Scripta Materialia*, 63, 223~226, 2010/7/1
5. Y.F. Sun, N. Tsuji, H. Fujii and F.S. Li, Cu/Zr nanoscaled multi-stacks fabricated by accumulative roll bonding , *Journal of Alloys and Compounds*, 504, 443~447, 2010/8/1
6. Y.F. Sun and H. Fujii, Investigation of the welding parameter dependent microstructure and mechanical properties of friction stir welded pure copper, *Materials Science and Engineering: A*, 527, 6879~6886, 2010/10/15
7. M. Matsushita, Y. Kitani, R. Ikeda, M. Ono, H. Fujii and Y. D. Chung, Development of Friction Stir Welding of High Strength Steel Sheet, *Science and Tecnology of Welding and joining*, 16 (2) , 181~187, 2011/2/1
8. Yoshiaki Morisada, Hidetoshi Fujii, Tadashi Mizuno, Genryu Abe, Toru Nagaoka and Masao Fukusumi, Fabrication of Nanostructured Tool Steel Layer by Combination of Laser Cladding and Friction Stir Processing, *Surface & Coating Technology*, 205 (11) , 3397~3403, 2011/2/25

International Conference Proceedings

1. Young Dong Chung, Hidetoshi Fujii and Hiroyasu Tanigawa, Dissimilar Friction Stir Welding of F82H Steel and Austenite Stainless Steels without Transformation, *Proc. 8th Int. FSW Symp.*, 8, 8B-3-1~8B-3-10, 2010
2. Yasuyuki Miyano, Hidetoshi Fujii, Yufeng Sun, Yasuyuki Katada, Shuji Kuroda and Osamu Kamiya, Evaluation of the mechanical properties of high nitrogen-containing austenitic stainless steel friction stir welds, *Proc. 8th Int. FSW Symp.*, 8, 8B-4-1~8B-4-7, 2010
3. Y.Morisada, H.Fujii, T.Mizuno, G.Abe, T.Nagaoka and M.Fukusumi, Modification of Thermally

Sprayed Cemented Carbide Layer by Friction Stir Processing, Proc. 8th Int. FSW Symp., 8, 9B-1-1~9B-1-6, 2010

4. Hidetoshi Fujii, Koji Inada, Young Su Ji, Yu Feng Sun and Yoshiaki Morisada, Development of Friction Stir Powder Processing (FSPP) for Prevention of Defect Formation and Control of Mechanical Properties, Proc. 8th Int. FSW Symp., 8, 9B-3-1~9B-3-9, 2010
5. Yufeng Sun, Youngsu Ji and Hidetoshi Fujii, Microstructure and Mechanical Properties of Friction Stir Welded Joint of Zr₅₅Cu₃₀Al₁₀Ni₅ Bulk Metallic Glass with Pure Copper, Proc. 8th Int. FSW Symp., 8, P10-1~P10-11, 2010