

2007 — NOGI Kiyoshi

Scientific Papers/Commentary Articles

1. P. Shen, H. Fujii and K. Nogi, Wettability of R(0112) Single Crystalline and Polycrystalline A-Al₂O₃ Substrates by Al-Si Alloys over Wide Composition and Temperature Ranges, *J. Mater. Sci.*, 41, 7159-7164, 2007
2. S. Lu, H. Fujii, K. Nogi and T. Sato, Effect of Oxygen Content in He-O₂ Shielding Gas on Weld Shape in Ultra Deep Penetration TIG, *Sci. Technol. Weld. Joining*, 12, 8, 689-695, 2007
3. Y. Morisada, H. Fujii, T. Nagaoka, K. Nogi and M. Fukuzumi, Fullerene/A5083 Composites Fabricated by Material Flow during Friction Stir Processing, *Composites A*, 38, 2097-2101, 2007
4. H. Fujii, L. Cui and K. Nogi, Welding of High Carbon Steel without Transformation, *Key. Eng. Mater.*, 345, 1411-1415, 2007
5. H. Fujii, H. Kato, K. Nakata and K. Nogi, "Mechanical Properties of Friction-Stir Welded Titanium Joint Characterization and Control of Interfaces for High Quality Advanced Materials II", *Ceram. Trans.*, 198, 51-56, 2007
6. P. Shen, H. Fujii and K. Nogi, Effect of Temperature and Surface Roughness on the Wettability of Boron Nitride by Molten Al, *J. Mater. Sci.*, 42, 3564-3568, 2007
7. M. Nose, T. Kawabata, M. Ohi, T. Nagase, S. Masa, Y. Hatano, S. Ikeno and K. Nogi, Development of PVD - TiAlN/a-C Nanocomposite Coating for Pressure Die Casting Applications, *Plasma Processes and Polymers*, 4, S1, S681-S686, 2007
8. K. Takenaka, H. Nakayama, Y. Setsuhara, H. Abe and K. Nogi, Modification of Nanoparticle Films with Inductively-Coupled High-Pressure RF Plasmas, *Trans. Mater. Res. Soc. Jpn*, 32, 505-508, 2007
9. L. Cui, H. Fujii, N. Tsuji and K. Nogi, Friction Stir Welding of a High Carbon Steel, *Scr. Mater.*, 56, 637-640, 2007

International Conference Proceedings

1. H. Fujii, L. Cui, K. Nakata and K. Nogi, Mechanical Properties of Friction Stir Welded Carbon Steel Joints -Friction Stir Welding with and without Transformation, *Int. Institute of Welding, International Institute of Welding*, III-1453-07, 11-1, 2007

Publications

1. M. Hosokawa, K. Nogi, M. Naito and T. Yokoyama, "Nanoparticle Technology Handbook", ELSEVIER, 2007, 622 pages