

2009 年度業績 一平田 好則

学術論文・解説記事

1. 野村和史, 荻野陽輔, 平田好則, 永久磁石を用いたカスプ型磁場による TIG アークプラズマの形状制御, 溶接学会論文集, 27 巻 3 号, 170-175, 2009
2. K.Nomura, K.Morisaki, Y.Hirata, Magnetic control of arc plasma and its modeling, Welding in the World, Vol.53No.7/8, 181-187, 2009
3. T.Era, A.Ide, T.Uezono, Tueyama, Y.Hirata, Controlled bridge transfer (CBT) gas metal arc process for steel sheets joining, Science and Technology of Welding and Joining, Vol.14, no.6, 493-499, 2009
4. T.Era, A.Ide, T.Uezono, T.Ueyama, Y.Hirata, Spatter Reduction in GMAW of Stainless Steel Sheets using CBT Process, Science and Technology of Welding and Joining, Vol.14, no.8, 708-716, 2009
5. 恵良哲生, 井手章博, 上園敏郎, 上山智之, 平田好則, Controlled Bridge Transfer (CBT 法) の適用による薄鋼板の溶接, 溶接学会論文集, 27 巻 3 号, 189-194, 2009
6. 恵良哲生, 井手章博, 上園敏郎, 上山智之, 平田好則, Controlled Bridge Transfer (CBT 法) によるステンレス鋼ミグ溶接のスパッタ低減, 溶接学会論文集, 27 巻 3 号, 195-201, 2009
7. 荻野陽輔, 野村和史, 平田好則, 3 次元アークモデルの開先部への適用, 溶接学会論文集, 28 巻 1 号, 10 月 15 日, 2010
8. H.Nishiyama, Y.Hirata, J.Nishii, Periodic structures of GeO₂-B₂O₃-SiO₂ glass films fabricated using ultraviolet laser pulses, J. Physics: Conf. Series, 165, 012049-1-4, 2009
9. M.Mizoshiri, H.Nishiyama, J.Nishii, Y.Hirata, SiO₂-based microstructures fabricated by femtosecond laser lithography, J. Physics: Conf. Series, 165, 012048-1-4, 2009
10. M.Mizoshiri, H.Nishiyama, J.Nishii, Y.Hirata, Three-dimensional SiO₂ surface structures fabricated using femtosecond laser lithography, Applied Physics A: Materials Science & Processing, 98, 171-177, 2010
11. H.Nishiyama, J.Nishii, M.Mizoshiri, Y.Hirata, Microlens arrays of high-refractive-index glass fabricated by femtosecond laser lithography, Applied Surface Science, 255, 9750-9753, 2009

国際会議プロシーディングス

1. Y.Hirata, K.Nomura, K.Morisaki, Magnetic Control of TIG arc Plasma, Trends in Welding Research, Proceedings of 8th International conference, 721-725, 2009
2. K.Kadota, Y.Hirata, Numerical Model of Conductive Liquid Transfer, International Institute of Welding, 212-1146-09, 1 月 10 日, 2009

3. Y.Ogino,Y.Hirata, K.Nomura, Heat Input and Pressure Distribution of TIG Arc on Groove Surface, International Institute of Welding, 212-1153-09, 1 月 6 日, 2009

著書

1. H.Nishiyama, Lithography (chapter 4: Femtosecond laser nonlinear lithography), In-tech. Co. Ltd., 2010, 656

受賞

1. 野村和史, 荻野陽輔, 平田好則, 平成 21 年度溶接学会論文賞, 2010.4.21