최근 용접 외국문헌 소개

부산대학교 접합과학연구실(지도교수 강정윤)

MT ; Materials Transactions (http://www.jstage.jst.go.jp/browse/matertrans)
ISIJ ; ISIJ International (http://www.jstage.jst.go.jp/browse/isijinternational)
WJ ; Welding Journal (http://www.aws.org/w/a/wj/index.html)
STWJ ; Science and Technology of Welding & Joining (http://www.ingentaconnect.com/content/ maney/stwj)
MMI ; Metals and Materials International (http://www.springerlink.com/content/1598-9623)
MSEA ; Materials Science and Engineering A (http://www.sciencedirect.com/science/journal/09215093)

::: Arc Welding

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4. R. E. TOMA, S. D. BRANDI, A. C. SOUZA, AND Z. MORAIS ; Comparison between DC(+) and Square Wave AC SAW Current Outputs to Weld AISI 304 for Low-Temperature Applications, WJ 90-9(2011), p153-160
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6. Y. H. Kim, D. G. Kim, J. H. Sung, I. S. Kim, D. E. Ko, N. H. Kang, H. U. Hong, J. H. Park, and H. W. Lee ; Influences of Cr/Ni Equivalent Ratios of Filler Wires on Pitting Corrosion and Ductility-Dip Cracking of AISI 316L Weld Metals, MMI 17-1(2011), p151-155
7. Kyung-Tae Park, Si Woo Hwang, Jung Hoon Ji, and Chang Hee Lee ; Inclusions Nucleating Intragranular Polygonal Ferrite and Acicular Ferritein Low Alloyed Carbon Manganese Steel Welds, MMI 17-2(2011), p349-356
8. Chih-Chun Hsieh and Weite Wu ; Phase Transformation of $\delta \rightarrow \sigma$ in Multipass Heat-Affected and FusionZones of Dissimilar Stainless Steels, MMI 17-3(2011), p375-381
9. G. Padmanaban and V. Balasubramanian ; Influences of Pulsed Current Parameters on Mechanical and Metallurgical Properties of Gas Tungsten Arc Welded AZ31B Magnesium Alloy, MMI 17-4(2011), p679-687
10. G. Padmanaban and V. Balasubramanian ; Influences of Pulsed Current Parameters on Mechanical and Metallurgical Properties of Gas Tungsten Arc Welded AZ31B Magnesium Alloys, MMI 17-5(2011), p831-839
11. Gyu Baek An and Joon Sik Park ; Brittle Crack Arrestability of Thick Steel Plate Welds in Large Structure, MMI 17-5(2011), p841-845
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13. Linzhi Wang, Jun Shen, Nan Xu ; Effects of TiO2 coating on the microstructures and mechanical properties of tungsten inert gas welded AZ31 magnesium alloy joints, MSEA 528-9(2011), p7276-7284
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::: Brazing

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3. Morvarid K. Ghovanlou, Hamid Jahed, Amir Khajepour ; Mechanical reliability characterization of low carbon steel brazed joints with copper filler metal, MSEA 528-7(2011), p6146-6156
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7. Q. Yang, X. Li, K. Chen, Y.J. Shi ; Effect of tool geometry and process condition on static strength of a magnesium friction stir lap linear weld, MSEA 528-3(2011), p2463-2478
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friction stir welded high strength Fe-36 wt%Ni alloy, MSEA 528-9(2011), p7768-7773

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2. Eriksson, I; Powell, J; Kaplan, A F H ; Measurements of fluid flow on keyhole front during laser welding, STWJ 16-10(2011), p636-641
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6. L. Zhang, K.Y. Luo, J.Z. Lu, Y.K. Zhang, F.Z. Dai, J.W. Zhong ; Effects of laser shock processing with different shocked paths on mechanical properties of laser welded ANSI 304 stainless steel joint, MSEA 528-5(2011), p4652-4657
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5. F. Khodabakhshi, M. Kazeminezhad, A.H. Kokabi ; Mechanical properties and microstructure of resistance spot welded severely deformed low carbon steel, MSEA 529-11(2011), p237-245

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