

Publication List of Jacob Chih-Ching Huang 黃志青

(NSC 302 表)

(A) Refereed Journal papers (corresponding author*)

1. J. C. Huang, O. Ajaja, and A. J. Ardell, "Irradiation Damage in Proton Irradiated Pd-Cr Alloys", *J. of Metals*, vol. 35 (12), 1983, p. 122.
2. J. C. Huang and A. J. Ardell, "On the Crystal Structure and Stability of the T_1 Precipitates in Aged Al-Li-Cu Alloys", *Mater. Sci. & Tech.*, vol. 3, 1987, pp. 176-188.
3. J. C. Huang and A. J. Ardell, "Strengthening Mechanisms Associated with T_1 Particles in Two Al-Li-Cu Alloys", *J. de Physique*, vol. C3, 1987, pp. 373-383.
4. J. C. Huang and A. J. Ardell, "Precipitate Strengthening of Binary Al-Li Alloys by Δ' Precipitates", *J. of Metals*, vol. 39 (7), 1987, p. A48.
5. J. C. Huang*, G. T. Gray, P. S. Follansbee, "Analysis of the Strengthening Mechanisms in Ni and Ni-C Alloys", *J. of Metals*, vol. 39 (10), 1987, p. A6.
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7. J. C. Huang and A. J. Ardell and O. Ajaja, "Precipitation and Irradiation Damage in Proton Irradiated Pd-Cr Alloys", *J. Mater. Sci.*, vol. 23, 1988, pp. 1206-1218.
8. J. C. Huang* and G. T. Gray, "Substructure Evolution and Deformation Modes in Shock-Loaded Nb", *Mater. Sci. Eng.*, vol. A103, 1988, pp. 241-255.
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12. J. C. Huang and A. J. Ardell, "Precipitation Strengthening of Binary Al-Li Alloys by δ' Precipitates", *Mater. Sci. Eng.*, vol. A104, 1988, pp. 149-156.
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15. J. C. Huang* and G. T. Gray, "Serrated Flow and Negative Rate Sensitivity in Al-Li Base Alloys", *Scripta Metall. Mater.*, vol. 24, 1990, pp. 85-90.
16. P. S. Follansbee, J. C. Huang and G. T. Gray, "Low Temperature and High Strain Rate Deformation of Ni and Ni-C Alloys and Analysis of the Constitutive Behavior According to an Internal State Variable Model", *Acta Metall. Mater.*, vol. 38, 1990, pp. 1241-1254.
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19. J. C. Huang*, "On the Crystal Structure of the T_1 Phase in Al-Li-Cu Alloys", *Scripta Metall. et Mater.*, vol. 27, 1992, pp. 755-760.

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21. H.-P. Pu and J. C. Huang*, "Low Temperature Superplasticity in 8090 Al-Li Alloys", Scripta Metall. Mater., vol. 28, 1993, pp. 1125-1130.
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