List of Publications: K. Sharvan Kumar

(a) Chapters in Books:


(b) Refereed Journal Articles:


30. K.S. Kumar and J.D. Whittenberger, "Intermetallic Matrix Composites via XD™ Synthesis," in Intermetallic Compounds - Structure and Properties, ed. O. Izumi, Japan Institute of


77. Lixin Pang and K.S. Kumar, “Tensile Ductility of an Fe-40Al-0.6C Alloy”, Intermetallics, 8, 693 (2000).
92. S. Gudlavalleti, K.S. Kumar and L. Anand, "Stress-Strain response of Free-Standing Nano-
Crystalline Gold Thin Film", MRS Proceedings, Fall 2001, Boston.


95. L. Pang, S.M. Han, and K.S. Kumar, "Tensile Response of an Fe-40Al-0.7C-0.5B Alloy", *Acta Mater.*, 50, 3623 (2002).


(c) Other Conference Proceedings


(d) **Book Reviews:**


(e) **Patents:**

3. J.R. Pickens, F.H. Heubaum, L.S. Kramer, and K.S. Kumar, U.S. Patent 5,032,359, 1991. *(This patent (#3) was licensed to Reynolds Metal Company, commercialized and the alloy is currently used to construct the External Fuel Tank of the Space Shuttle)*