

Table of Contents

Preface and Committees

Microscopic Studies of Gold Deposit of Southern Ashaly in Eastern Kazakhstan A. Baibatsha, K. Dyussebayeva and A. Kassenova	1
Anodic Dissolution Behaviour of Tungsten Carbide Scraps in Ammoniacal Media P.K. Katiyar, N.S. Randhawa, J. Hait, R.K. Jana, K.K. Singh and T.R. Mankhand	11
Optimization Studies on Flocculant Aided Filtration of Very-Fine Grained Alkaline Leach Slurry Using Central Composite Rotatable Design M. Serajuddin and T. Sreenivas	21
Microbial Sorption Studies for Removal of Trivalent Chromium from Model Tanning Bath B. Dhal, Abhilash and B.D. Pandey	33
Metal Instabilities and its Effect on Cell Performance during Aluminium Smelting A. Agnihotri, S.U. Pathak and J. Mukhopadhyay	45
Arsenic Removal from Spent Liquor Generated during Processing of Vanadium Sludge S. Pramanik, S.K. Sahu, P. Meshram and B.D. Pandey	55
Electro-Crystallization of Antimony from Acidic and Alkaline Baths in Diaphragm-Less Cell C.K. Sarangi, A. Baral, J. Panigrahi, K. Sanjay, T. Subbaiah and B.K. Mishra	65
Effect of Trace Added Sn on Mechanical Properties of Al-Zn-Mg Alloy S. Sadhukhan, M. Kundu and M. Ghosh	73
Bioreduction of Hexavalent Chromium by <i>Bacillus cereus</i> Isolated from Chromite Mine Overburden Soil N. Srivastava, B. Dhal, Abhilash and B.D. Pandey	81
Copper Refining Electrolyte and Slime Processing - Emerging Techniques S. Acharya	93
Biphasic Leaching Operation for the GMDC Polymetallic Bulk Concentrate B.C. Patel, D.R. Tipre and S.R. Dave	117
Reduction of Ammonium Paratungstate Generated during Hydrometallurgical Processing of Tungsten-Copper Borings M. Kumar, D.C. Sau, P. Nishant and M. Bhattacharya	123