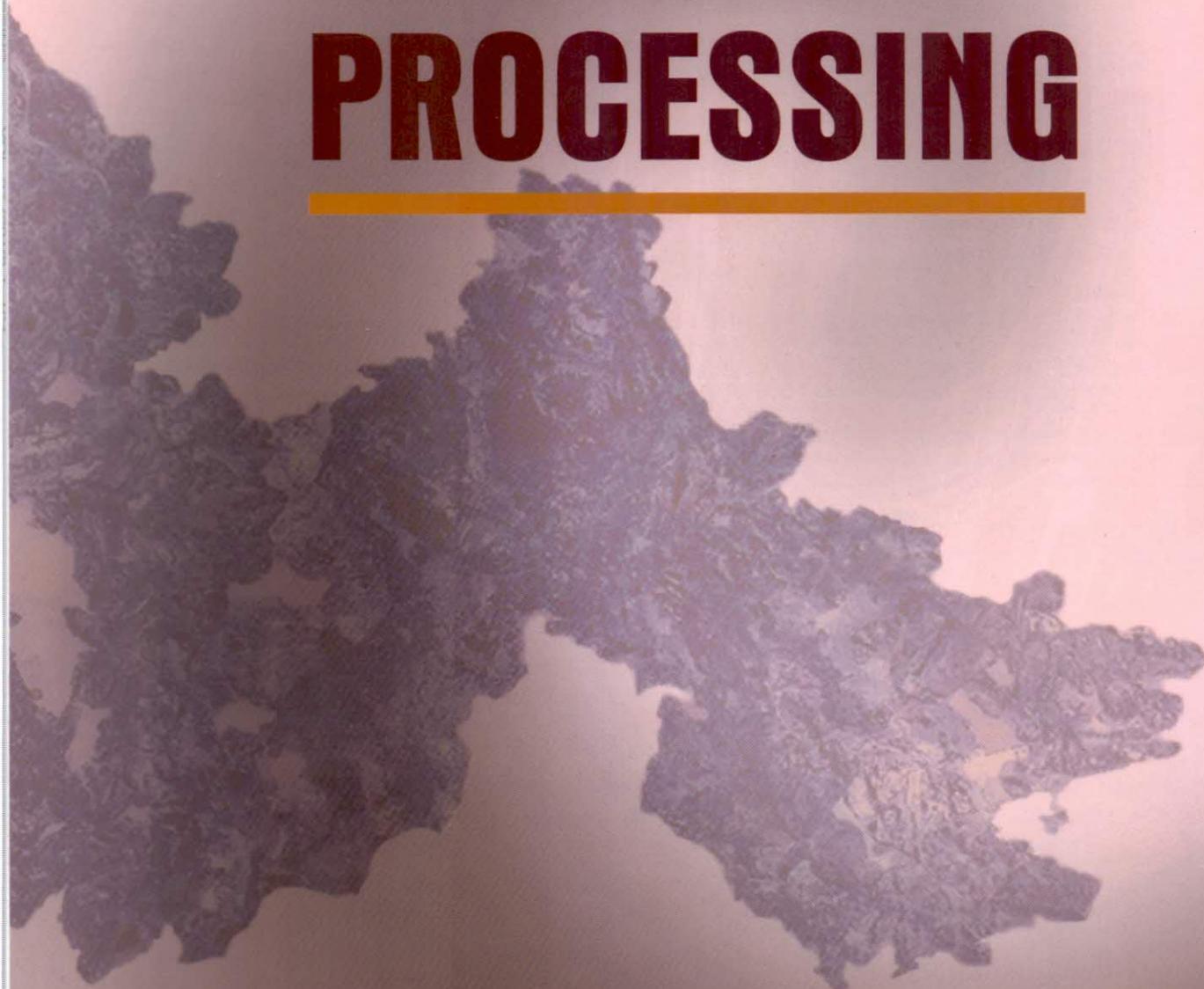


VOLUME 97, NOS. 1–4

NOVEMBER 2010

ISSN 0301-7516

INTERNATIONAL JOURNAL OF MINERAL PROCESSING



Editors: K. Heiskanen
D.R. Nagaraj

(Abstracted/Indexed in: A.G.I.'s Bibliography and Index of Geology, Chemical Abstracts, Current Contents, Pascal/CNRS)
Also covered in the abstract and citation database SCOPUS®. Full text available in ScienceDirect®.

Research Papers

Effect of iron contamination from grinding media on the flotation of sulphide minerals of different particle size Y. Peng and S. Grano	1
Modeling of particle fluid interactions in a flowing film concentrator A.K. Majumder	7
Unburned carbon removal effect on compressive strength development in a honeycomb briquette ash-based geopolymers S. Lee, M.-D. Seo, Y.-J. Kim, H.-H. Park, T.-N. Kim, Y. Hwang and S.-B. Cho	20
Dependency of liquid overflow rate upon humidity of a pneumatic foam R. Shaw, G.M. Evans and P. Stevenson	26
Development and prospects of mineral liberation by electrical pulses U. Andres	31
Scale-up procedure for industrial cage mills F. Rodriguez, M. Ramirez, R. Ruiz and F. Concha	39
Reducing quartz gangue entrainment in sulphide ore flotation by high molecular weight polyethylene oxide J. Gong, Y. Peng, A. Bouajila, M. Ourriani, A. Yeung and Q. Liu	44
Effect of particulate environment on the kinetics and energetics of dry ball milling D.W. Fuerstenau, A.Z.M. Abouzeid and P.B. Phatak	52
Assigning physical significance to floatability components S.D.D. Welsby, S.M.S.M. Vianna and J.-P. Franzidis	59
Kinetics and equilibrium studies for the removal of cadmium ions from aqueous solutions using Duolite ES 467 resin K.S. Rao, G.R. Chaudhury and B.K. Mishra	68
Separation strategies for Jordanian phosphate rock with siliceous and calcareous gangues F. Guo and J. Li	74
Stratification pattern in inverse binary-solid liquid-fluidized beds M. Asif	79
Separation and recovery of copper from zinc leach liquor by solvent extraction using Acorga M5640 S. Agarwal, A.E. Ferreira, S.M.C. Santos, M.T.A. Reis, M.R.C. Ismael, M.J.N. Correia and J.M.R. Carvalho	85
Estimating the size distribution of anode and cathode activating agents in the crushed products of nickel metal hydride batteries from hybrid vehicles and its classification M. Ito, K. Kashiwaya, N. Sumiya, H. Furuya, N. Hiroyoshi and M. Tsunekawa	92
Reverse jig separation of shredded floating plastics — separation of polypropylene and high density polyethylene M. Ito, M. Tsunekawa, E. Ishida, K. Kawai, T. Takahashi, N. Abe and N. Hiroyoshi	96
Role of hydrolyzable metal cations in starch-kaolinite interactions X. Ma	100

