



VOLUME 96, NOS. 1-4

15 SEPTEMBER 2010

ISSN 0301-7516

**INTERNATIONAL JOURNAL OF
MINERAL
PROCESSING**

**Editors: K. Heiskanen
D.R. Nagaraj**

0301-7516

(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®.

Reviews

- Online monitoring and control of froth flotation systems with machine vision: A review
C. Aldrich, C. Marais, B.J. Shean and J.J. Cilliers 1
- Which demands should and can meet a separation model for hydrocyclone classification?
H. Schubert 14

Research Papers

- Effects of disc rotation speed and media loading on particle flow and *grinding performance in a horizontal stirred mill*
C.T. Jayasundara, R.Y. Yang, A.B. Yu and J. Rubenstein 27
- A new technique for characterizing aerated flocs in a flocculation-microbubble flotation system
C. Oliveira, R.T. Rodrigues and J. Rubio 36
- Effect of pyroxenite flux on the quality and microstructure of hematite pellets
S. Dwarapudi, T.K. Ghosh, A. Shankar, V. Tathavadkar, D. Bhattacharjee and R. Venugopal 45
- The reduction of lunar regolith by carbothermal processing using methane
R. Balasubramaniam, S. Gokoglu and U. Hegde 54
- Membrane contactor as a novel technique for separation of iron ions from ilmenite leachant
E.A. Abdel-Aal, M.H.H. Mahmoud, M.M.S. Sanad, A. Criscuoli, A. Figoli and E. Drioli 62
- Grinding circuit modeling and simulation of particle size control at Siilinjärvi concentrator
A. Remes, J. Aaltonen and H. Koivo 70

