



VOLUME 79, NO. 3

JUNE 2006

ISSN 0301-7516

---

**INTERNATIONAL JOURNAL OF  
MINERAL  
PROCESSING**

---

**Editor-in-Chief: S. Chander**

(Abstracted/Indexed in: A.G.I.'s Bibliography and Index of Geology, Chemical Abstracts, Current Contents, Pascal/CNRS)

*Research papers*

New collectors for sphalerite flotation R. Natarajan and I. Nirdosh . . . . .	141
Simultaneous optimization of the performance of flotation circuits and their simplification using the jumping gene adaptations of genetic algorithm-II: More complex problems C. Guria, M. Varma, S.P. Mehrotra and S.K. Gupta . . . . .	149
Modified column flotation of adsorbing iron hydroxide colloidal precipitates F. Capponi, M. Sartori, M.L. Souza and J. Rubio . . . . .	167
Slurry flow in mills with TCPL — An efficient pulp lifter for ag/sag mills S. Latchireddi and S. Morrell . . . . .	174
Predicting dynamic failure of dense granules from static compression tests R.E. Maxim, A.D. Salman and M.J. Hounslow . . . . .	188
Removal of cyanide from aqueous solutions by plain and metal-impregnated granular activated carbons H. Deveci, E.Y. Yazıcı, I. Alp and T. Uslu . . . . .	198

**CONTENTS  
Direct**

This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: <http://contentsdirect.elsevier.com>



0301-7516(200606)79:3;1-6

Authors are requested to accompany their manuscripts with texts in electronic form with a completed checklist with each diskette. Copies of the guide for authors and the checklist are available from the publisher.