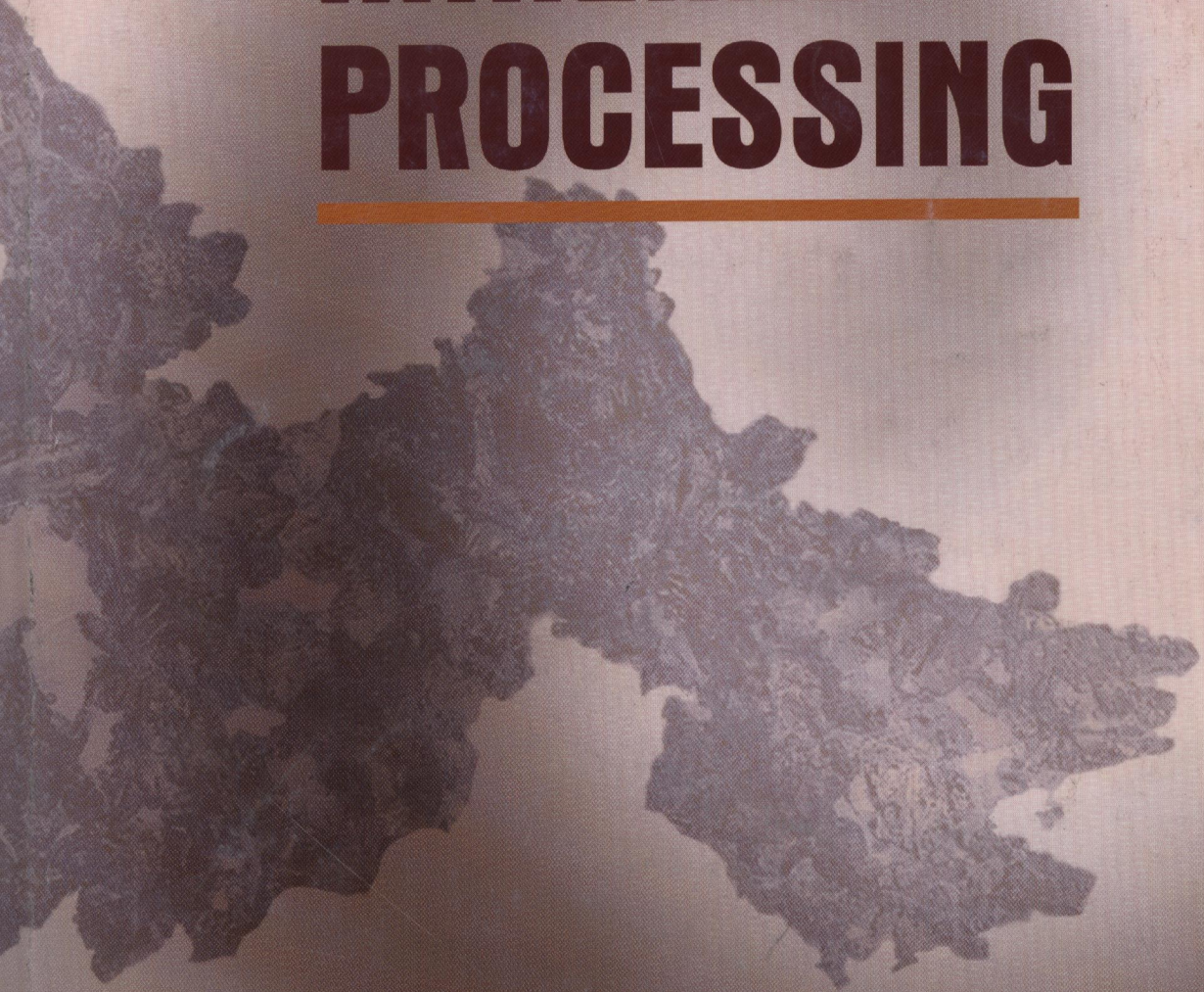


---

**INTERNATIONAL JOURNAL OF  
MINERAL  
PROCESSING**

---





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

Bioleaching of marmatite flotation concentrate by adapted mixed mesoacidophilic cultures in an air-lift reactor S. Shi and Z. Fang . . . . .	3
Reduction of chlorine in bauxite residue by fine particle separation J. Hyun, S. Endoh, K. Masuda, H. Shin and H. Ohya . . . . .	13
Scrap stainless steel detection using a pulsed electromagnetic field M.B. Mesina, T.P.R. de Jong and W.L. Dalmijn . . . . .	21
Biological gold recovery from gold—cyanide solutions T. Aitimbetov, D.M. White and I. Seth . . . . .	33
Depressing mechanisms of sodium bisulphite in the collectorless flotation of copper-activated sphalerite T.N. Khmeleva, W. Skinner and D.A. Beattie . . . . .	43
Mathematical equations for approximation of separation results using the Fuerstenau upgrading curves J. Drzymala and H.A.M. Ahmed . . . . .	55
Jig separation of plastics from scrapped copy machines M. Tsunekawa, B. Naoi, S. Ogawa, K. Hori, N. Hiroyoshi, M. Ito and T. Hirajima . . . . .	67
Cu(II) and Ni(II) activation in the flotation of quartz, lizardite and chlorite D. Fornasiero and J. Ralston . . . . .	75
Critical solution surface tension for oil agglomeration A. Ozkan, S. Aydogan and M. Yekeler . . . . .	83
The difficulty associated with measuring slurry rheological properties and linking them to grinding mill performance C. Bazin and C. B-Chapleau . . . . .	93
Modified leaching and extraction of uranium from hydrous oxide cake of Egyptian monazite Y.A. El-Nadi, J.A. Daoud and H.F. Aly . . . . .	101
An investigation of niobite flotation with octyl diphosphonic acid as collector G.L. Chen, D. Tao, H. Ren, F.F. Ji and J.K. Qiao . . . . .	111
The formation of bubble clusters in flotation cells S. Ata and G.J. Jameson . . . . .	123
<i>Announcement</i> . . . . .	141

**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(20050404)76:1/2;1-9

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.