

Contents

Vol. 47, No. 5, 2006

Simultaneous English language translation of the journal is available from Allerton Press, Inc.
Russian Journal of Non-Ferrous Metals ISSN 1067-8212.

Mineral Processing of Non-Ferrous Metals

- Feasibility of Using Oxygenated Cyanide Solutions for Heap Leaching of Gold
Yu. I. Rubtsov 1
-

Metallurgy of Non-Ferrous Metals

- Liquid–Vapor Transformation in the Silver–Copper–Cadmium System
V. N. Volodin, V. E. Khrapunov, B. K. Kenzhaliev, R. A. Isakova, and Sh. T. Bayanzhanova 4
-

Metallurgy of Rare and Noble Metals

- Spectrophotometric Determination of Gallium (III) Complexation with 2,3,4-Trihydroxy-4'-Fluorobenzene in the Presence of Urotropin and Diphenylguanidine
R. A. Alieva, F. S. Alieva, and F. M. Chyragov 10
- X-ray Diffraction Study of Activation in Multiphase Systems
A. G. Ermilov, E. V. Bogatyreva, and A. S. Medvedev 14
- Indium Extraction from Sulfate Solutions Using Mixtures of Oligomeric Alkylphenol and Octanoic Acid
S. A. Ukhov, V. I. Bukin, and A. G. Smirnova 18
-

Physical Metallurgy and Heat Treatment

- Estimation of Mechanical Alloying Intensity (Energy Intensity) in a Planetary Mill with Quasi-Cylindrical Grinding Body
A. V. Tikhomirov, A. A. Aksenov, E. V. Shelekhov, and S. D. Kalishkin 25
-

Surface Engineering. Multifunction Films

- Surface Tension of Solid Copper and Interphase Tension between Copper and Bismuth
M. Yu. Klimov and A. S. Kozhenkov 32
-
-