

CONTENT

Benying Wang, Xinyang Xu, Hao Duan, Xinyang Wang	<i>QSAR study of amine collectors for iron ore reverse flotation</i>	1059
Shengdong Zhang, Yumeng Chen, Xiong Tong, Xian Xie, Yalin Lu	<i>Ammonium chloride's weakening effect on the copper activation of pyrite in flotation and the surface regulation mechanism behind it</i>	1070
Dongxia Feng, Lin Bai, Haiyun Xie, Xiong Tong	<i>Study on separation of low-grade zinc oxide ore with sulfurization- amination flotation</i>	1082
Lizhangzheng Wang, Yubiao Li, Ruihua Fan, Rong Fan	<i>Influencing mechanisms of sodium hexametaphosphate on molybdenite flotation using sea water</i>	1091
Kun Xiong, Shuming Wen, Jiushuai Deng, Jiaozhong Cai, Mengyang Lv	<i>Function and mechanism of sodium silicate in the cleaning process of ilmenite rough concentrate</i>	1099
Yangshuai Qiu, Lingyan Zhang, Kangkang Sun, Ye Li, Yupeng Qian	<i>Reducing entrainment of sericite in fine flaky graphite flotation using polyaluminum chloride</i>	1108
Yang Bai, Caixia Li, Wangfang Song, Hongyun An, Jingyu Zhao	<i>Application of sodium dodecyl glycinate to the flotation of deslimed molybdenum tailings</i>	1120
Shuncai Wang, Yue Zhao, Shuang Li	<i>Pyrite oxidation inhibition by hydrophobic films for acid mine drainage control at the source</i>	1132
Jan Drzymala, Malgorzata Dubiel, Tomasz Ratajczak	<i>Metahydrophobicity and orthohydrophilicity tested in flotation of NaCl, KCl, KPF₆ in their saturated aqueous solutions</i>	1141
Dominika Rudzanova, Alena Luptakova, Eva Macingova	<i>The possibilities of using sulphate-reducing bacteria for phenol degradation</i>	1148
Ayorinde E. Ajiboye, Folurunsho E. Olashinde, Ojo A. Adebayo, Olubode. J. Ajayi	<i>Recovery of copper and nickel from polymetallic sulphate leach solution of printed circuit boards using Dowex M 4195</i>	1156
Iwona Mađrzak-Litwa, Aleksandra Borowiak-Resterna	<i>Solvent extraction of copper(II) from chloride solutions using 1,1'-dialkyl-2,2'-bibenzimidazoles as extractants</i>	1165
Hao Jiang, Guoyuan Xiang, Ya Gao, Sultan Ahmed Khoso, Weiwen Peng	<i>Effects of single and mixed reagent systems on improved diasporite recovery</i>	1179
Qian Wei, Fen Jiao, Wenqing Qin, Liuyang Dong, Liqin Feng	<i>Use of PASP and ZnSO₄ mixture as depressant in the flotation separation of chalcopyrite from Cu-activated marmatite</i>	1192
Binbin Luo, Yimin Zhu, Chuanyao Sun, Yanjun Li, Yuexin Han	<i>Molecular dynamic simulations study of 2-((2- (decyloxy)ethyl)amino)lauric acid adsorption on the α-quartz (101) surface</i>	1209
Minhnhan Le, Manseung Lee	<i>Dissolution behavior of sulfur and some metals from spent petroleum catalysts by alkaline solutions</i>	1217
Mustafa Çınar, Emrah Durgut	<i>Mineral beneficiation of nepheline syenite with combination of dry magnetic separation and flotation methods</i>	1227
Haonan Li, Guangjun Mei, Mingming Yu, Qian Cheng, Guobin Zhu	<i>The mechanism study on aryl-substituted aromatic acid ionic liquid as the collector for quartz flotation</i>	1239
Wei Yang, Qian Wang, Yaping Wang, Ping Dong	<i>Eliminating the adverse effect of the lime on the gold-bearing pyrrhotite flotation using the isopentyl xanthate as collector at low alkalinity</i>	1250
Can Gungoren	<i>An investigation of air/water interface in mixed aqueous solutions of KCl, NaCl, and DAH</i>	1259
Mohamed H. H. Mahmoud, Hesham M. Awad	<i>Improved recovery of gold and silver from thiosulfate solution on activated carbon in presence of ammonium persulfate</i>	1271
Alvaro Aracena, Sebastián Padilla, Oscar Jerez	<i>Recovery of cobalt ions from diluted solutions by means of protonated dry alginate beads</i>	1286
Fardis Nakhaei, Mehdi Irannajad, Sima Mohammadnejad	<i>Column flotation performance prediction: PCA, ANN and image analysis-based approaches</i>	1298
Alina Zogała, Maciej Rzychoń, Jacek M. Łączny, Leokadia Róg	<i>Selection of optimal coal blends in terms of ash fusion temperatures using Support Vector Machine (SVM) classifier - a case study for Polish coals</i>	1311
Xiaoping Wang, Tianyang Hu, Chuanzhong Chen, Tichang Sun	<i>Effects of the fixed carbon and ash in blast furnace dust on its co-reduction with seaside titanomagnetite</i>	1323

