

Accepted Manuscript

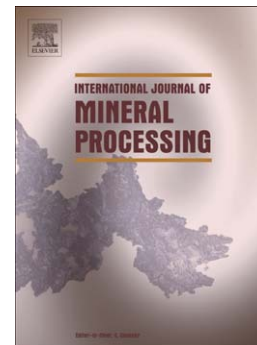
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PII: S0301-7516(16)30273-3
DOI: doi: [10.1016/j.minpro.2016.12.005](https://doi.org/10.1016/j.minpro.2016.12.005)
Reference: MINPRO 2998

To appear in: *International Journal of Mineral Processing*

Received date: 3 September 2016
Revised date: 9 December 2016
Accepted date: 16 December 2016



Please cite this article as: Qian, Gujie, Li, Yubiao, Li, Jun, Gerson, Andrea R., Consideration of enthalpic and entropic energy contributions to the relative rates of chalcopyrite dissolution in the presence of aqueous cationic impurities, *International Journal of Mineral Processing* (2016), doi: [10.1016/j.minpro.2016.12.005](https://doi.org/10.1016/j.minpro.2016.12.005)

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**Consideration of enthalpic and entropic energy
contributions to the relative rates of chalcopyrite
dissolution in the presence of aqueous cationic impurities**

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Abstract

To understand the effect of aqueous impurities on chalcopyrite dissolution in acid metalliferous drainage and hydrometallurgical processes batch dissolution experiments were carried out at 650 and 750 mV (SHE), pH 1 and 35–75 °C in the presence or absence of aqueous cationic additives. Activation energies (E_a) for chalcopyrite dissolution in the

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