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Implementation of biological and chemical techniques to recover metals from copper-rich leach solutions

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Nonstandard abbreviations

PLS: Pregnant leach solution

IX: Ion exchange

SX: Solvent extraction

EW: Electro-winning

SRB: Sulfate reducing bacteria

SE: Strip electrolyte

RE: Rich electrolyte

O/I: Organic/Inorganic ratio

T-RFLP: terminal restriction fragment length polymorphism

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