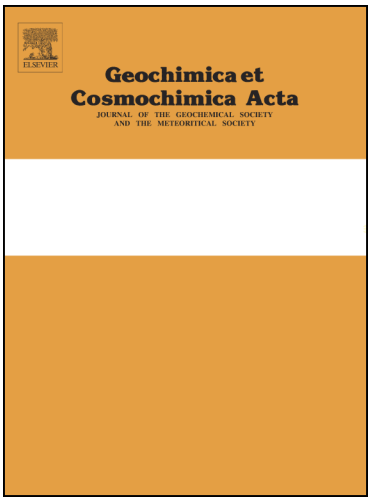

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ToC Text

Arsenian pyrite adsorbs and oxidizes As(III) due to the formation of reactive ·OH and H_2O_2 through the decomposition of water induced by surface Fe(III)–S. The presence of oxygen significantly accelerates oxidation rate of arsenian pyrite. Arsenic release ratio decreases with increasing arsenic content in pyrite during the interaction processes.

ToC Graphic