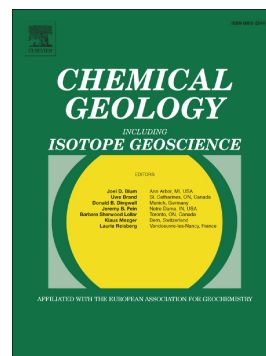


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Copper complexation and solubility in high-temperature hydrothermal fluids: A combined study by Raman, X-ray fluorescence, and X-ray absorption spectroscopies and ab initio molecular dynamics simulations

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**Copper complexation and solubility in high-temperature hydrothermal fluids: a combined study by Raman, X-ray fluorescence, and X-ray absorption spectroscopies and ab initio molecular dynamics simulations**

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**Abstract**

Data for the solubility of CuS (reacting to Cu<sub>2</sub>S), Cu, and bornite+chalcopyrite+pyrite (reacting to Cu-Fe-S solid solution) in H<sub>2</sub>O+NaCl fluids were determined *in situ* using

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