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Genesis of the giant Zijinshan epithermal Cu-Au and Luoboling porphyry CuMo deposits in the Zijinshan ore district, Fujian Province, SE China: A multi-isotope and trace element investigation

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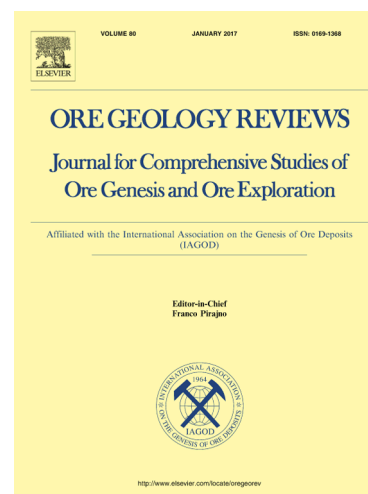
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**Genesis of the giant Zijinshan epithermal Cu-Au and Luoboling porphyry  
Cu–Mo deposits in the Zijinshan ore district, Fujian Province, SE China: A  
multi-isotope and trace element investigation**

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**Abstract**

The Zijinshan ore district occurs as one of the largest porphyry-epithermal Cu–Au–Mo ore systems  
in South China, including the giant Zijinshan epithermal Cu–Au deposit and the large Luoboling  
porphyry Cu–Mo deposit. The mineralization is intimately related to Late Mesozoic large-scale  
tectono-magmatic and hydrothermal events. The Cu–Au–Mo mineralization occurs around

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