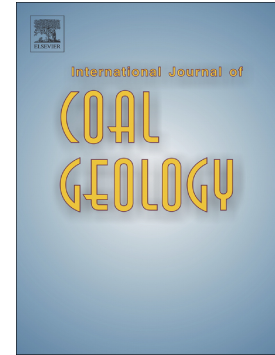


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**A coupled thermal-mechanical numerical model of underground coal gasification (UCG)  
including spontaneous coal combustion and its effects**

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