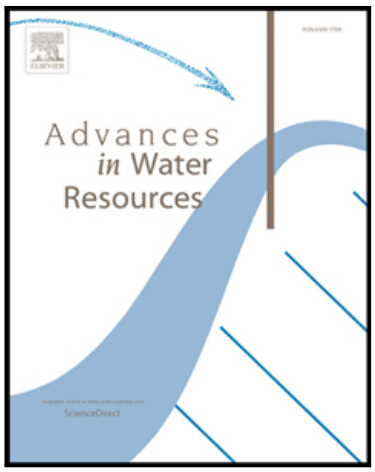

Fracture flow due to hydrothermally induced quartz growth

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Highlights

- Fracture flow due to hydrothermally induced quartz sealing structures is simulated.
- Hydraulic fracture properties at different sealing stages are discussed.
- An equation is introduced that links fracture geometries and hydraulic apertures.
- 'Needle quartz' fractures reveal flow characteristics of a porous media.