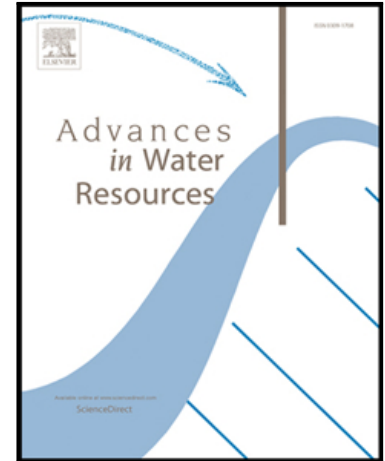


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FLUID FLOW SIMULATION AND PERMEABILITY COMPUTATION IN DEFORMED POROUS CARBONATE GRAINSTONES

M. Zambrano , E. Tondi , L. Mancini , G. Lanzafame , F.X. Trias ,
F. Arzilli , M. Materazzi , S. Torrieri

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Highlights

- An MRT-LBM was used for obtaining viscosity-independent permeability in deformed carbonates.
- The influence of the pore-network morphology on the permeability was investigated.
- Fault core shows significant heterogeneity and permeability anisotropy in comparison to the host rock.

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