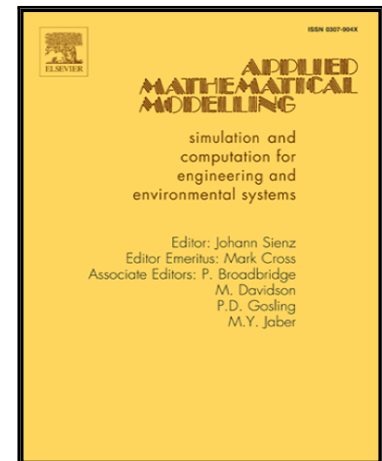


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Local meshless method for PDEs arising from models of wound healing

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## Highlights

- In this work a local meshless procedure is developed for PDEs arising from wound healing models
- An upwind technique is incorporated in the meshless procedure
- Uniform and non-uniform nodal distributions are considered on regular and irregular geometries
- Different wound healing models with and without hyperbaric oxygen therapy are simulated
- Some useful conclusions are drawn about the acute and chronic wounds healing processes.

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