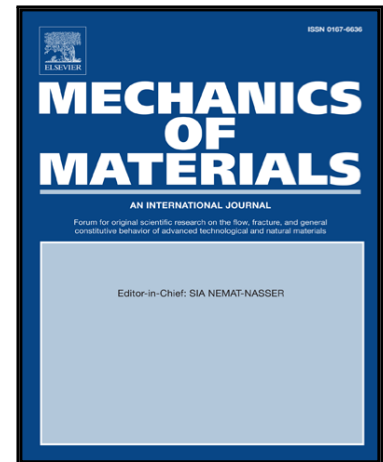


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Multiscale microsphere modelling of open-cell metal foams enriched by statistical analysis of geometric parameters

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Highlights

- Scale bridging approach for open cell metal foams using a microsphere model
- Innovative model linking the macroscopic behaviour and the microstructure
- Enriched microsphere theory by statistically analysed geometry parameters
- Macroscopic simulation exclusively using microscopically characterised quantities

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