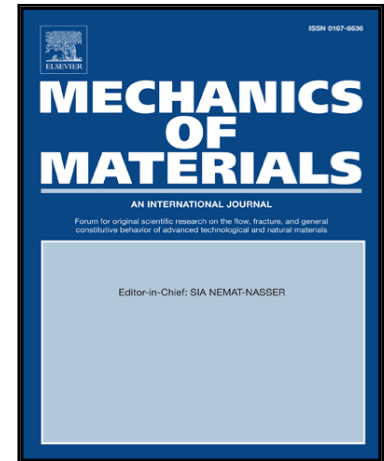


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Work-hardening and ductility of artificially aged AA6060 aluminium alloy

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Highlights:

- The work-hardening and ductility of AA6060 aluminium alloy has been studied
- The alloy was tested after three processing steps followed by artificial aging
- Work-hardening is related to solute content, non-shearable particles and texture
- Ductility depends on particle distribution, stress triaxiality and aging time
- The Gurson model was used to evaluate the Bridgman correction

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