

**Atomistic Molecular Dynamics Studies of Grain Boundary Structure and Deformation
Response in Metallic Nanostructures**

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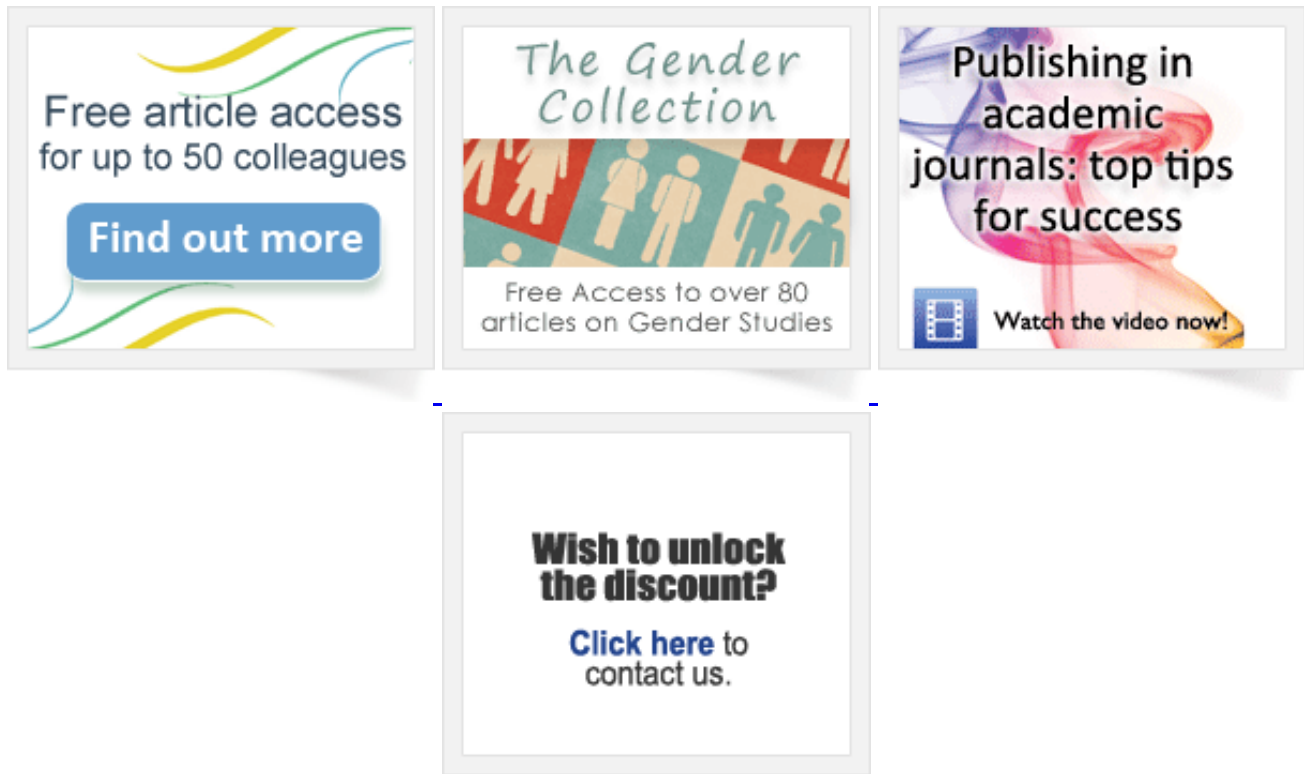
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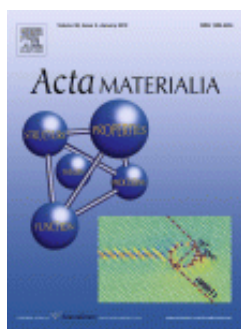
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Figure 5.2 Heterogeneous deformation maps for TEM2D sample

Figure 5.3 Detail of GB2-3 in TEM2D sample at 2% and 5% strain illustrating movement of the GB

Figure 5.4 Detail of GB3-7 for TEM2D sample at 4% and 5% strain

Figure 5.5 Stress-Strain curves for the columnar grain sample

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