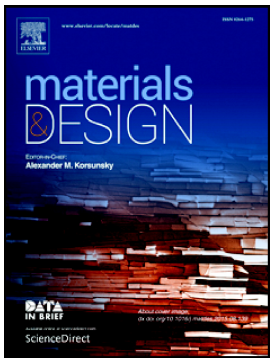

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Local chemical ordering within the incubation period as a trigger for nanocrystallization of a highly supercooled Ti-based liquid

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Abstract

In the present work we study nanocrystallization of the $Ti_{50}Ni_{23}Cu_{22}Sn_5$ alloy within the supercooled liquid region by using a state-of-the-art experimental technique with elemental mapping at near-atomic resolution especially focusing on the incubation period which is still poorly understood from both the theoretical and experimental viewpoint. Molecular dynamics

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