

2011 —NAGASE Takeshi

Scientific Papers/Commentary Articles

1. T. Nagase, K. Takizawa and Y. Umakoshi, Electron-irradiation-induced solid-state amorphization in supersaturated Ni-Zr solid solutions, *Intermetallics*, 19, 511-517, 2011
2. T. Nagase, A. Nino and Y. Umakoshi, Microstructure observation using MeV-electron-irradiation-induced amorphization, *J. of alloys and compounds*, 509S, S202-S205, 2011
3. T. Nagase, A. Sasaki, H. Y. Yasuda, H. Mori, T. Terai and T. Kakeshita, Stability of B2 phase in Ti-Ni-Fe alloys against MeV electron-irradiation-induced solid-state amorphization and martensite transformation, *Intermetallics*, 19, 1313-1318, 2011
4. H.Y. Yasuda, M. Kumano, T. Nagase, R. Kato and H. Shimizu, Tensile deformation behavior of Nd-Fe-B alloys, *Scripta Materialia*, 65, 743-746, 2011
5. T. Nagase, T. Sanda, A. Nino, W. Qin, H. Yasuda, H. Mori, Y. Umakoshi, and J.A. Szpunar, MeV electron irradiation induced crystallization in metallic glasses: Atomic structure, crystallization mechanism and stability of an amorphous phase under the irradiation, *J. of Non-Cryst. Solids*, 358, 502-518, 2011

Invited/Plenary Presentations

1. T. Nagase and Y. Umakoshi, International Conference on Preprocessing & Manufacturing of Advanced Materials 2011, Thermec 2011, 2012/8/4, Quebec, Canada, Invited