

Publications (88) and Citations (2286)

Professor Dr. Ralf Busch

(as of July 6, 2007; Hirsch-Index: 28)

I. Journals [54]:

Quantification of free volume differences in a $Zr_{44}Ti_{11}Ni_{10}Cu_{10}Be_{25}$ bulk amorphous alloy.

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Thermodynamics and kinetics of bulk metallic glass.

R. Busch, J. Schroers, and W.H. Wang, MRS Bulletin, will appear in the special issue on bulk metallic glass (2007).

The influence of shear rate and temperature on the viscosity and fragility of the $Zr_{41.2}Ti_{13.8}Cu_{12.5}Ni_{10.0}Be_{22.5}$ metallic-glass-forming liquid.

C. Way, P. Wadhwa und **R. Busch**, Acta Mater. **55**, 2977 (2007).

Enthalpy relaxation and its relation to the thermodynamics and crystallization of the $Zr_{58.5}Cu_{15.6}Ni_{12.8}Al_{10.3}Nb_{2.8}$ bulk metallic glass-forming alloy.

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Viscosity of the supercooled liquid and relaxation at the glass transition of the $Zr_{46.75}Ti_{8.25}Cu_{7.5}Ni_{10.0}Be_{27.5}$ bulk metallic glass forming alloy.

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