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Scientific Papers/Commentary Articles

1. Yamamoto, M., Fukuda, T., Kakeshita, T., Koyama, K., Nojiri, H., Martensitic transformation in Invar Fe3Pt with highly ordered state, Physics Procedia, Vol. 10, pp. 117-119, 2010
2. Ito, W., Umetsu, R.Y., Kainuma, R., Kakeshita, T., Ishida, K., Heat-induced and isothermal martensitic transformations from kinetically arrested parent phase in NiCoMnIn, Scripta Materialia, Vol. 63, pp. 73-76, 2010
3. Fukuda, T., Terai, T., Kushida, H., Kakeshita, T., Osakabe, T., Kakurai, K., Stress and temperature dependence of the structure of the martensite and X-phase in Ni2MnGa, Philosophical Magazine, Vol. 90, pp. 1925-1935, 2010
4. Yamamoto, T., Yamamoto, M., Fukuda, T., Kakeshita, T., Akai, H., An Interpretation of Martensitic Transformation in L12-Type Fe3Pt from Its Electonic Structure, Materials Transactions, Vol. 51, No. 5, pp. 896-898, 2010
5. Todai, M., Fukuda, T., Kakeshita, T., Premartensitic State of Ti-Pd-Fe Shape Memory Alloys Studied by Electrical Resistivity, Magnetic Susceptibility and Specific Heat Measurements, Materials Transactions, Vol. 51, No. 5, pp. 906-910, 2010
6. Yamamoto, M., Terai, T., Kakeshita, T., Rearrangement of crystallographic domains driven by magnetic field in antiferromagnetic CoO, Philosophical Magazine, Vol. 90, Nos, 15, 21, pp. 2125-2134, 2010
7. Kakeshita, T., Fukuda, T., Terai, T., Osakabe, T., Kakurai, K., Structural Relation Between the X-phase and Other Phases in Ni2MnGa, Materials Science Forum, Vol. 635, pp. 49-54, 2010
8. Choi, J-Y., Fukuda, T., Kakeshita, T., Isothermal Martensitic Transformation in a Sensitized SUS304 Stainless Steel under Magnetic Field, Materials Science Forum, Vols. 654-656, pp. 130-133, 2010
9. Nam, J. M., Terai, T., Mino, M., Aikawa, Y., Kakeshita, T., Relationship between particle size and martensitic transformation in an Fe-30at%Ni alloy, Materials Science Forum, Vols. 654-656, pp. 146-149, 2010