2008 — NAKATANI Ryoichi

Scientific Papers/Commentary Articles

1. Y. Shiratsuchi, R. Nakatani, M. Yamamoto, Contribution of Langevin behavior to the low temperature maximum of zero-field-cooled magnetization in the discontinuous Fe films, Journal of Applied Physcs, 103, 07B503-1 - 07B503-3, 2008
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3. T. Sato, Y. Endo, Y. Kawamura, R. Nakatani and M. Yamamoto, Study on magnetic behavior and structure of V-doped AIN films, Journal of Physics: Conference Series, 106, 012005-1 - 012005-5, 2008
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5. T. Sato, Y. Endo, Y. Kawamura, F. Kirino, R. Nakatani, and M. Yamamoto, Study on Absence of Room-Temperature Ferromagnetism in the Mn-AlN Films With Various Mn Concentrations, IEEE Transaction on Magnetics, 44, 2688-2691, 2008
6. Y. Endo, H. Fujimoto, Y. Kawamura, R. Nakatani, and M. Yamamoto, Effect of the Dot Separation on the Switching Behavior of Ni-Fe Elliptical Dot Arrays, IEEE Transaction on Magnetics, 44, 2718-2721, 2008
7. Y. Endo, H. Fujimoto, R. Nakatani, and M. Yamamoto, Local Probing of Magnetization Reversal in Ni–Fe Elliptical Dots With Variable Geometry, IEEE Transaction on Magnetics, 44, 3244-3247, 2008
8. Yu Shiratsuchi, Toshihiro Nakatani, Ryoichi Nakatani, and Masahiko Yamamoto, Fabrication of Cr oxide thin film and its influence on magnetic properties of ultrathin Co film, Journal of Physics: Conference Series, in-press, 2009
9. Ryoichi Nakatani, Hikaru Nomura and Yasushi Endo, Magnetic Logic Devices Composed of Permalloy Dots, Journal of Physics: Conference Series, in-press, 2009
10. Hideki Etoh，Junichi Sato, Yoshiteru Murakami, Akira Takahashi, and Ryoichi Nakatani, Magnetic Properteis of Mn-Zn Ferite Thin Films Fabricaetd by Pulsed Laser Deposition, Journal of Physics: Conference Series, in-press, 2009
11. Hikaru Nomura, Daisuke Yokota, and Ryoichi Nakatani, Development of A Magnetic Force Microscopy for Magnetically Soft Materials, Journal of Physics: Conference Series, in-press,

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12. Takanobu Sato, Yasushi Endo, Fumiyoshi Kirino, and Ryoichi Nakatani, Difference of Structure and Magnetic Behavior of Mn-AlN Films Due to Substrate Materials, Journal of Physics: Conference Series, in-press, 2009
13. Yoshiyuki Hirayama, Ichiro Tamai, Ikuo Takekuma, and Ryoichi Nakatani, Role of Underlayer for Srgregated Structure Formation of CoCrPt-SiO2 Film, Journal of Physics: Conference Series, in-press, 2009

Symposia

1. 3rd International Symposium on Atomic Technology(ISAT-3), Invited speakers: Dr. Shigehiro Ohnuma(Research Institude for Electric and Magnetic Materials Japan), Prof. Katsuji Nakagawa(Nihon University, Japan)