

2009 — NAKATANI Ryoichi

Scientific Papers/Commentary Articles

1. Hiroaki Nemoto, Ikuko Takekuma, Ryoko Araki, Kiwamu Tanahashi and Ryoichi Nakatani, Ultrahigh-Hc granular media with [CoB/Pt]_n multilayer film sputtered under Ar+O₂ atmosphere, Journal of Applied Physics, 105, 07B705-1-07B705-3, 2009
2. Yu Shiratsuchi, Toshihiro Nakatani, Shin-ichi Kawahara and Ryoichi Nakatani, Magnetic coupling at interface of ultrathin Co film and antiferromagnetic Cr₂O₃(0001) film, Journal of Applied Physics, 106, 033903-1—033903-7, 2009
3. Yu Shiratsuchi, Mitsuyoshi Yamashita, Ryoichi Nakatani and Masahiko Yamamoto, Magnetic properties of L1₂-type CrPt₃(111) film having the different order parameters, Journal of Magnetism Society of Japan, 33, 447-450, 2009
4. Noboru Iwata, Yoshiteru Murakami, Akira Takahashi, Hikaru Nomura and Ryoichi Nakatani, Amorphous Magnetic Film Patterned Media with Columnar Structure, Journal of Magnetism Society of Japan, 33, 459-462, 2009
5. Yu Shiratsuchi, Toshihiro Nakatani, Shin-ichi Kawahara and Ryoichi Nakatani, Fabrication of Antiferromagnetic α -Cr₂O₃(0001) Thin Film and Influence on Magnetism of Ultrathin Co Film, Journal of Magnetism Society of Japan, 33, 467-472, 2009
6. Yu Shiratsuchi, Fumihito Nishiura, Kenichi Tachibori, Akifumi Higashiura, Atsushi Nakagawa, Ryoichi Nakatani, Tomitake Tsukihara and Masahiko Yamamoto, Magnetic properties of P₄V encapsulating of Ni ions, Journal of Magnetism Society of Japan, 33, 473-476, 2009
7. Ryoichi Nakatani, Hikaru Nomura and Yasushi Endo, Magnetic logic devices composed of permalloy dots, Journal of Physics: Conference Series, 165, 012030 - 1-012030-6, 2009
8. Hideki Etoh, Junichi Sato, Yoshiteru Murakami, Akira Takahashi and Ryoichi Nakatani, Magnetic properties of Mn-Zn ferrite thin films fabricated by pulsed laser deposition, Journal of Physics: Conference Series, 165, 012031 - 1-012031-4, 2009
9. Takanobu Sato, Yasushi Endo, Fumiyoshi Kirino and Ryoichi Nakatani, Differences in structure and magnetic behavior of Mn-AlN films due to substrate material, Journal of Physics: Conference Series, 165, 012032 - 1-012032-4, 2009
10. Yoshiyuki Hirayama, I. Tamai, I. Takamura and Ryoichi Nakatani, Role of underlayer for segregated structure formation of CoCrPt-SiO₂ granular thin film, Journal of Physics: Conference Series, 165, 012033 - 1-012033-4, 2009
11. Yu Shiratsuchi, Toshihiro Nakatani, Ryoichi Nakatani and Masahiko Yamamoto, Superparamagnetism of ultrathin Co film on antiferromagnetic Cr₂O₃ layer, Journal of Physics: Conference Series, 165, 012034 - 1-012034-6, 2009

12. Hikaru Nomura, Tatsuro Nagayama, Daisuke Yokota and Ryoichi Nakatani, Development of a magnetic force microscopy for magnetically soft materials, Journal of Physics: Conference Series, 165, 012036 - 1-012036-4, 2009
13. Yasushi Endo, Isao Sasaki, Ryoichi Nakatani and Masahiko Yamamoto, Local probing of vortex core movement in a Ni-Fe disk using magnetic field sweeping-magnetic force microscopy, Japanese Journal of Applied Physics, 48, 66502-1-66502-5, 2009
14. Yu Shiratsuchi, Shin-ichi Kawahara, Hayato Noutomi, and Ryoichi Nakatani, Interface magnetism of Au/Co/Cr₂O₃(0001) epitaxial film with perpendicular magnetic anisotropy and perpendicular exchange bias, IEEE Transaction on Magnetics, 46, in press, 2010

Symposia

1. Magnetism and Optics Research International Symposium for New Storage Technology 2009, Invited speakers: K. Sato (Japan Science and Technology Agency) , B.Terris (Hitachi GST), Th. Rasing(Radboud Univ. Nijmegen)