

## 2011 —YASUDA Hidehiro

### Scientific Papers/Commentary Articles

1. M. Imamura, J. Nakamura, S. Fujimasa, H. Yasuda, H. Kobayashi, and Y. Negishi, Photoluminescence dynamics of organic molecule-passivated Si nanoclusters, *European Physical Journal D*, 63, 289-292, 2011
2. S. Fujimasa, M. Imamura and H, Yasuda, Excited electron dynamics of bismuth film grown on Si(111) surface by interferometric time-resolved two-photon photoemission spectroscopy, *Journal of Electron Spectroscopy and Related Phenomena*, 184, 309–312, 2011
3. Noriko Nitta, Yohta Aizawa, Tokiya Hasegawa and Hidehiro Yasuda, Structural changes induced by low energy electron irradiation in GaSb, *Philosophical Magazine Letters*, 91, 676–681, 2011
4. H. Yasuda, K. Matsumoto, T. Furukawa, M. Imamura, N. Nitta and H. Mori, Thickness-dependent structural transition in GaAs nanocrystals grown on Si(111) surface, *Journal of Crystal Growth*, 314, 365-369, 2011
5. H. Yasuda and H. Mori, Electronic-excitation-induced processing in GaSb compound nanoparticles, *Journal of Nanomaterials*, Article ID 901930, 1-4, 2011
6. N. Nitta, E. Taguchi, H. Yasuda, H. Mori, Y. Hayashi, T. Yoshiie and M. Taniwaki, Secondary defects induced by ion and electron irradiation of GaSb, *Philosophical Magazine Letters*, 91, 223-228, 2011
7. Y. Ikeuchi, T. Inoue, M. Asada, Y. Harada, T. Kita, E. Taguchi and H. Yasuda, Multidirectional observation of photoluminescence polarization anisotropy in closely stacked InAs/GaAs quantum dots, *Applied Physics Express*, 4, 062001-1-3, 2011

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1. H. Yasuda, "In situ TEM observations of electronic-excitation-induced structural transition process in GaSb nanoparticles", *Proc. of 10th Asia-Pacific Microscopy Conference*, 96-1-2, 2012
2. K. Yoshida, R. Nishi, H. Mogaki, S. Isakozawa and H. Yasuda, "Design of an operation support system for the ultrahigh voltage electron tomography", *Proc. of 10th Asia-Pacific Microscopy Conference*, 445-1-2, 2012
3. R. Nishi, Y. Moriyama, K. Yoshida, N. Kajimura, S. Isakozawa, H. Mogaki, M. Ozawa, and H. Yasuda, "Quasi Gaussian fitting of image sharpnesses for automatic focusing in ultrahigh voltage electron microscopy", *Proc. of 10th Asia-Pacific Microscopy Conference*, 446-1-2, 2012