

2007 年度業績 一白井 泰治

学術論文・解説記事

1. Hideki Araki, Ryouzuke Date, Kouji Sakaki, Masataka Mizuno and Yasuharu Shirai, Positron lifetime study on the degradation of LaNi₅ and LaNi_{4.8}Sn_{0.2} during hydrogen absorption-desorption cycling, *Physica Status Solidi(c)*, 4(10), 3510-3513, 2007
2. Masataka Mizuno, Teruo Kihara, Hideki Araki, Yasuharu Shirai and Takashi Onishi, Identification of lattice defects in Cu thin films by positron annihilation spectroscopy, *Physica Status Solidi (c)*, 4(10), 3550-3553, 2007
3. Itsuro Shishido, Hiroshi Yasueda, Masataka Mizuno, Hideki Araki and Yasuharu Shirai, Thermal formation of vacancies in Cu₃Sn, *Physica Status Solidi (c)*, 4(10), 3563-3566, 2007
4. Kazuki Sugita, Masataka Matsumoto, Masataka Mizuno, Hideki Araki and Yasuharu Shirai, Atomic structure and positron lifetime in the metallic glass Zr₅₅Cu₃₀Ni₅Al₁₀, *Physica Status Solidi (c)*, 4(10), 3567-3569, 2007
5. Kazuki Sugita, Masataka Mizuno, Hideki Araki and Yasuharu Shirai, Molecular dynamics study of glass-forming ability of Zr-based metallic glasses, *Materials Transactions*, 48(6), 1336-1339, 2007

受賞

1. 水野正隆, DV-X α 研究協会第 6 回功績賞, 2007 年 8 月 4 日