

2011年度

#### 学術論文

- 1) Ryoko Fujiyoshi, Takayuki Yamaguchi, Kazumasa Okamoto, Takashi Sumiyoshi, Ivan Kobal, Janja Vaupotič,

#### **Tracing Depositional Consequences of Environmental Radionuclides (<sup>137</sup>Cs and <sup>210</sup>Pb) in Slovenian Forest**

Cent. Eur. J. Geosci., Vol. 3, No. 3, pp.291~301, 2011

- 2) Yasuharu Tajima, Kazumasa Okamoto, Takahiro Kozawa, Seiichi Tagawa, Ryoko Fujiyoshi, and Takashi Sumiyoshi

#### **Dynamics of Radical Cation of Poly(styrene acrylate)-Based Chemically Amplified Resist for Extreme Ultraviolet and Electron Beam Lithography**

Jpn. J. Appl. Phys., Vol. 50, No. 6, pp.06GD03 /1~06GD03/3, 2011

#### プロシーディングス

- 1) Yasuharu Tajima, Kazumasa Okamoto, Takahiro Kozawa, Seiichi Tagawa, Ryoko Fujiyoshi, Takashi Sumiyoshi

#### **Deprotonation Mechanism of Poly(styrene-acrylate)-Based Chemically Amplified Resist** **Proceedings of SPIE-Advances in Resist Materials and Processing Technology**

Vol.7639, p.79721N, 2011

- 2) Kazumasa Okamoto, Takahiro Kozawa, Takaki Hatsui, Yasuharu Tajima, Keita Oikawa, Mitsuru Nagasono, Takashi Kameshima, Tadashi Togashi, Kensuke Tono, Makina Yabashi, Hiroaki Kimura, Yasunori Senba, Haruhiko Ohashi, Takashi Sumiyoshi

#### **Fundamental Study on Reaction Mechanisms in Chemically Amplified Extreme Ultraviolet Resists by Using 61nm Free-Electron Laser**

Proceedings of SPIE-Advances in Resist Materials and Processing Technology

Vol.7639, p. 797217, 2011

#### 特許

1. カーボンナノウォール配列体およびカーボンナノウォールの製造方法

河原敏男、岡本一将、松本和彦、宇都宮里佐、松葉晃明、松本均、特願 2011-149002

#### 招待講演

- 1) 岡本一将、住吉 孝 レジスト高分子の放射線化学、日本化学会第92春季年会、慶応義塾大学、2012年3月28日