

2006-

M. Jikei, M. Suzuki, K. Itoh, K. Matsumoto, Y. Saito, S. Kawaguchi, "Synthesis of Hyperbranched Poly(l-lactide)s by Self-Polycondensation of AB₂ Macromonomers and Their Structural Characterization by Light Scattering Measurements" *Macromolecules*, **45**, 8237-8244 (2012).

M. Jikei, D. Uchida, Y. Haruta, Y. Takahashi, K. Matsumoto, "Synthesis and Properties of Hyperbranched Poly(ether sulfone)s Prepared by Self-Polycondensation of Novel AB₂ Monomer" *J. Polym. Sci. Part A: Polym. Chem.*, **50**, 3830-3839 (2012).

H. Tsushima, K. Matsumoto, M. Jikei, "Solid-phase synthesis of aromatic polyamide dendrons", *Polym. Adv. Technol.*, **22**, 1292-1296 (2011).

S. Noguchi, T. Toyoshima, S. Yamamoto, T. Miyazaki, M. Otaka, S. Watanabe, K. Imai, H. Senoo, R. Kobayashi, M. Jikei, Y. Kawata, H. Kubota, H. Itoh, "Cytosolic chaperonin CCT possesses GTPase activity", *Am. J. Mol. Bio.*, **01**, 123 (2011).

H. Tsushima, K. Matsumoto, M. Jikei, " Solid-phase Synthesis of Aromatic Polyamide Dendrons", *Polym. Adv. Technol.*, **22(8)**, 1292-1296 (2011).

M. Jikei, H. Itoh, N. Yoshida, Y. Inai, T. Hayakawa, M. Kakimoto, " Synthesis of Hyperbranched Poly(ether nitrile)s by One-Step Polycondensation of an AB₂ Monomer", *J. Polym. Sci. Part A: Polym. Chem.*, **47(21)**, 5835-5844 (2009).

M. Jikei, H. Yasuda, H. Itoh, "Electrochemical Polymerization of Water-Soluble and Insoluble Monomers in Supercritical Carbon Dioxide-in-Water Emulsion", *Polymer*, **48(10)**, 2843-2852 (2007)

M. Jikei, T. Kouketsu, M. Kakimoto, Y. Yamane, I. Ando, "Preparation and properties of polyamide dendrons-poly(4-vinylpyridine) complexes via multiple hydrogen bonding", *High Perform. Polym.*, **18**, 421-436 (2006)

M. Jikei, H. Itoh, T. Kouketsu, T. Hayakawa, M. Kakimoto, "Synthesis and properties of carboxylated dendritic polyamide-b-poly(4-vinylpyridine) block copolymers capable of multiple hydrogen bonding", *High Perform. Polym.*, **18**, 453-468 (2006)

M. Jikei, S. Saitoh, H. Yasuda, H. Itoh, M. Sone, M. Kakimoto, H. Yoshida, Electrochemical Polymerization of Pyrrole in Supercritical Carbon Dioxide-in-Water Emulsion. *Polymer*, **47(5)**, 1547-1554 (2006)

1

2

3

4

- [1] Jikei, M., Suzuki, M., Itoh, K., Matsumoto, K., Saito, Y., Kawaguchi, S., "Synthesis of Hyperbranched Poly(l-lactide)s by Self-Polycondensation of AB₂Macromonomers and Their Structural Characterization by Light Scattering Measurements" *Macromolecules*, **45**, 8237-8244, (2012).
- [2] Jikei, M., Uchida, D., Haruta, Y., Takahashi, Y., Matsumoto, K., "Synthesis and properties of hyperbranched poly(ether sulfone)s prepared by self-polycondensation of novel AB₂ monomer" *Journal of Polymer Science Part A: Polymer Chemistry*, **50**, 3830-3839, (2012).
- [3] Tsushima, H., Matsumoto, K., Jikei, M., "Solid-phase synthesis of aromatic polyamide dendrons" *Polymers for Advanced Technologies*, **22**, 1292-1296, (2011).
- [4] Noguchi, S., Toyoshima, T., Yamamoto, S., Miyazaki, T., Otaka, M., Watanabe, S., Imai, K., Senoo, H., Kobayashi, R., Jikei, M., Kawata, Y., Kubota, H., Itoh, H., "Cytosolic chaperonin CCT possesses GTPase activity" *American Journal of Molecular Biology*, **01**, 123-130, (2011).