

論文

- [1] H. Morita, K. Kanazawa, K. Hashimoto and T. Tsubame, "Magnetic Field and Polymer Matrix Effects on Photochemical Reactions of Hexaarylbiimidazole in Solid Polymer Matrices," *J. Photopolym. Sci. Technol.*, 9 (1), 65-72 (1996).
- [2] H. Morita, Y. Kimura, M. Kuwamura and T. Watanabe, "Laser-Induced Aerosol Particle Formation from a Gaseous Mixture of Acrolein and Carbon Disulfide," *J. Photochem. Photobiol. A: chem.*, 103 (1,2), 27-31 (1997).
- [3] J. Pola and H. Morita, "UV Laser-Induced Gas-Phase Polymerization of Trimethyl(propynyloxy)silane," *Tetrahedron Lett.*, 38 (44), 7809-7812 (1997).
- [4] H. Morita and K. Kanazawa, "Laser-Induced Nucleation Process in Aerosol Particle Formation from a Gaseous Mixture of Methyl Acrylate and Carbon Disulfide," *J. Photochem. Photobiol. A: Chem.*, 112 (1), 81-85 (1998).
- [5] H. Urbanova, H. Morita, V. Drinek, Z. Bastl, J. Subrt and J. Pola, "IR Laser Photosensitized Decomposition of Trimethyl(2-propynyloxy)silane for Chemical Vapour Deposition of Polydimethylsiloxane phases," *J. Anal. Appl. Pyrol.*, 44, 219-226 (1998).
- [6] H. Morita, K. Semba, Z. Bastl, and J. Pola, "Laser-induced Aerosol Particle Formation from a Gaseous Mixture of Trimethyl(2-propynyloxy)silane and Acrolein," *J. Photochem. Photobiol. A: Chem.*, 116 (2), 91-95 (1998).
- [7] H. Morita, K. Semba, T. Umezawa and M. Kuwamura, "Photochemical Fine Particle Formation in the Gas Phase from Acrolein by a Two-Photon Process," *Colloids Surfaces A: Physicochem. Eng. Aspects*, 153 (1-3), 203-207 (1999).
- [8] H. Morita, "Laser Synthesis of Organic Materials in the Gas Phase: A Noble Method to Prepare Nanoparticles," *J. Photopolym. Sci. Technol.*, 12 (1), 95-100 (1999).
- [9] H. Morita, Y. Kihou, K. Semba and T. Taibu, "Laser Synthesis of Aerosol Particles from a Gaseous Mixture of Butyl Azide and Acrolein," *J. Photopolym. Sci. Technol.*, 12 (1), 101-106 (1999).
- [10] J. Pola, M. Urbanova, Z. Bastl and H. Morita, "UV Laser-induced Gas-Phase Polymerization of Ethynyltrimethylsilane," *Macromol. Rapid Commun.*, 21 (4), 178-181 (2000).
- [11] K. Semba and H. Morita, "Chemical Reactivity of Allyltrimethylsilane in UV Laser-Induced Aerosol Particle Formation with Acrolein," *J. Photochem. Photobiol. A: Chem.*, 134, 97-102 (2000).
- [12] H. Morita and K. Kokuryo, "Photochemical Syntheses of Aerosol Particles from a Gaseous Mixture of Benzyl Chloride and Acrolein," *J. Photopolym. Sci. Technol.*, 13 (1), 159-162 (2000).

口頭発表

- [1] 森田 浩、金澤一史、燕 哲也
「ビスイミダゾールによる固相ポリマーの光橋かけ反応と外部磁場効果」
第13回フォトポリマーコンファランス、C-14、東京・中央大学、1996年6月28日
- [2] Hiroshi Morita,
“Polymerization Reaction in Laser-Induced Aerosol Particle Formation from Gaseous Molecules,”
1997 Prague Meeting on Macromolecules, P-37, Prague, Czech Republic, Jul.23, 1997
- [3] Hiroshi Morita, Katsuhiko Semba and Josef Pola,
“Fine Particle Formation from Organosilicon Compounds by Two-Photon Process,”
18th International Conference on Photochemistry, 3P48, Warsaw, Poland, Aug.7, 1997
- [4] Hiroshi Morita,
“Nanophase Chemical Reactions in Laser-Induced Aerosol Particle Formation,”
36th IUPAC Congress, ASL-4, Geneva, Switzerland, Aug.20, 1997
- [5] Hiroshi Morita
“Photochemical Fine Particle Formation from Gaseous Molecules by Two-Photon Process,”
International Symposium on Advanced Technology of Fine Particles (7th Iketani Conference), P1-19,
Yokohama Symposia, Yokohama, Oct.15, 1997
- [6] 大室日和、森田 浩
「アクロレイン／グリオキサール混合気体からの光増感微粒子形成反応」
日本化学会第76春季年会、1E513、横浜市・神奈川大学横浜キャンパス、1999年3月28日
- [7] Hiroshi Morita and Hiroaki Ono,
“Laser-Induced Thin Film Formation from a Gaseous Mixture of Trimethylsilylacetylene and Methyl Acrylate,”
12th International Symposium on Organosilicon Chemistry (ISOS XII) 4C14, Sendai International Center, Sendai, Japan, May.27, 1999
- [8] 森田 浩
「有機ナノ微粒子の合成を目指した気相レーザー反応」
第16回フォトポリマーコンファランス、B3-05、千葉・千葉大学、1999年6月25日
- [9] Hiroshi Morita and Hiyori Ohmuro,
“Magnetic Field Effect on Nucleation Process in Aerosol Particle Formation from a Gaseous Mixture of Glyoxal and Acrolein,”
International Workshop on Chemical, Physical and Biological processes under High Magnetic Fields (IWCPB-HMF99), P50, Sonic city, Omiya, Japan, Nov.25, 1999

- [10] 大室日和、森田 浩
「グリオキサールを利用した光増感微粒子形成反応における外部磁場効果」
日本化学会第 78 春季年会、2H703、船橋市・日本大学船橋キャンパス、2000 年 3 月 29 日
- [11] Hiroshi Morita
“Photochemical Reactivity of Gaseous Organosilicon compounds in Laser-Induced Fine Particle Formation,”
18th IUPAC Symposium on Photochemistry, P206, Dresden, Germany, Jul.24, 2000
- [12] 森田 浩、野末亜紀子
「グリオキサール／CS₂混合気体からの光増感薄膜形成反応」
光化学討論会、1P023、札幌・北海道大学、2000 年 9 月 25 日