

平成 10 年度
研究発表リスト

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平成10年度 第1班 研究発表リスト

I. 著書

II. 総説

1. J. Motoyoshiya, "Recent Development of Z-selective Horner-Wadsworth-Emmons Reaction" Trends in Organic Chemistry, in press.
2. 英謙二、白井汪芳、"オイルゲル化剤の開発；油や溶剤を固めることのできる化合物" 表面、36、291-303、1998.

III. 論文

1. Md. Jashi Uddin, Minoru Kikuchi, Ken Taketazu, Ken-ichi Arai, Tetsuya Fujimoto, Jiro Motoyoshiya, Akikazu Kakehi, Ryozi Iriye, Iwao Yamamoto, "Synthesis of Isoxazolidine Fused Heterocycles from Diastereo-selective Intramolecular 1,3-Dipolar Cycloadditions of Nitrones", J. Chem. Soc. Perkin Trans. 1, in contribution.
2. J. Motoyoshiya, Y. Okuda, I. Matsuoka, S. Hayashi, Y. Takaguchi, and H. Aoyama, "Tetraphenylporphine (TPP) Sensitized Photooxygenation of (E,E)-and (E,Z)-1-Aryl-1,3-pentadienes Generating cis-Endoperoxides." J. Org.Chem., 64, pp. 493-497 (1999).
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IV.特許

1. 村上 泰、中村高志、松本太輝、高須芳雄、"多孔質酸化チタン及びその製造方法、並びにそれを含有する化粧品"、特願平 10-155265
2. 村上 泰、松本太輝、高須芳雄、朝長浩之、森本 剛、"フォトクロミック性を有する酸化チタンゲルおよびガラス物品"、特願平 10-191994
3. 中村高志、村上 泰、高須芳雄、"透明な薄片状酸化チタンの油性分散体及び親油性薄片状酸化チタン粉末、及びこれらの製造方法、並びにこれらを含有する化粧品"、特願平 10-227584
4. 中村高志、村上 泰、高須芳雄、"透明な酸化チタンの油性分散体及び親油性酸化チタン粉体、及びこれらの製造方法、並びにこれらを含有する化粧品"、特願平 10-256513
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平成10年度 第2班 研究発表リスト

研究テーマ：高分子複合系の構造形成

研究代表者名：高橋 正人

研究テーマ：曳糸性評価法の開発

研究代表者名：大越 豊

研究テーマ：金属／高分子ハイブリッド系繊維の開発

研究代表者名：後藤 康夫

研究テーマ：セリシンとPVAとのブレンド含水ゲル膜および繊維の構造と物性

研究代表者名：奈倉 正宣

研究テーマ：ポリビニルアルコールの多孔性材料

研究代表者名：谷上 哲也

研究テーマ：高強度繊維ならびにブレンドによる新規繊維材料の開発

研究代表者名：山浦 和男

I. 著書

1. 大越豊、"成形加工におけるプラスチック材料"、シグマ出版、1998

II. 総説

なし

III. 論文

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IV. 特許
なし

平成10年度 第3班 研究発表リスト

I. 著書

II. 総説

III. 論文

1. Y. Matsumoto, H. Saito, M. Koike, K. Shinohara, S. Chino, and H. Morooka, "Production and Design of New Composite Raw Silk from *Antheraea yamamai* and *Bombyx mori*", J. Seric. Sci. Jpn., (投稿中)
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3. T. Nishimatsu, K. Ohmura, E. Toba, "Comfort Pressure Evaluation of Men's Socks Using an Elastic Optical Fiber", Textile Research Journal, 68, 435-440, 1998
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IV. 特許

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平成 10 年度 第 4 班 研究発表リスト

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II. 総説

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III. 論文

1. Kazuchika Ohta, Mayumi Ikejima, Mitsuo Moriya, Hiroshi Hasebe and Iwao Yamamoto, "Disk-like Liquid Crystals of Transition Metal Complexes, Part 20: Pursuit of Chemistry to Directly Visualize van der Waals Interactions", *J.Mater.Chem.*, **8**, 1971-1977, 1998.
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12. Eiji Toba, Masahiro Ichikawa, Junji Kazama, Toyonori Nishimastu, and Hiroaki Aizawa, "Development of Oxygen Sensor Using Fiber-optics Coupler", *Journal of Robotics and Mechatronics*, **10**, (3), 492-496,

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IV. 特許

1. 高須芳雄, 村上泰, 朝田誠一, "電気化学キャパシタ用の電極材料, これを用いた電気化学キャパシタ, その電極材料の製造方法", 特願平 10-228199
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3. 谷口彬雄, 小山俊樹, 安達千波矢, 斉藤友康, "ピラン誘導体を用いた有機EL素子", 出願日:平成 10 年 9 月 10 日
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5. 安達千波矢, 田中真一, 小山俊樹, 谷口彬雄, "発光素子" 出願日:平成 10 年 10 月 1 日
6. 谷口彬雄, 岡本好久, "光書き込み読み出し装置及びメモリーデバイス", 出願日:平成 10 年 12 月 1 日

平成10年度 第6班 研究発表リスト

I. 著書

II. 総説

1. 白井汪芳、木村睦、安達悦子、英謙二, “機能性繊維の新展開”, 繊維機械学会誌、52, 7-12, 1999.

III. 論文

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