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発表論文等（論文，著書，総説等の発表状況）

- (1) Intramolecular Triarylmethane-methylium Complex: Generation, Properties and X-ray Structure of C-H Bridged Carbocation,
Suzuki, T.*; Takeda, T.; Yoshimoto, Y.; Nagasu, T.; Kawai, H.; Fujiwara, K. *Pure Appl. Chem.* **2010**, in press.
- (2) Halochromic Chiroptical Response of Novel Bis(9-acridinyl)-type Fluorophores with a Helical π -Framework,
Nehira, T.; Yoshimoto, Y.; Wada, K.; Kawai, H.; Fujiwara, K.; Suzuki, T.* *Chem. Lett.* **2010**, 39(3), 165-167.
- (3) Phenanthrene-4,5-diylbis(10-methylacridinium) with a Short $C^+ - - C^+$ Contact: Preparation, Molecular Structure, Redox Properties, and Electrochromic Interconversion with Dihydropyrene Derivative,
Suzuki, T.*; Yoshimoto, Y.; Wada, K.; Takeda, T.; Kawai, H.; Fujiwara, K. *Heterocycles*, **2010**, 80(1), 149-155.
- (4) Dynamic Molecular Propeller: Supramolecular Chirality Sensing by Enhanced Chiroptical Response through the Transmission of Point Chirality to Mobile Helicity,
Katoono, R.; Kawai, H.; Fujiwara, K.; Suzuki, T.* *J. Am. Chem. Soc.* **2009**, 131(46), 16896-16904.
- (5) Multi-input-Multi-output Molecular Response System Based on Dynamic Redox Behavior of 3,3,4,4-Tetraaryldihydro[5]helicene Derivatives: Reversible Formation/Destruction of Chiral Fluorophore and Modulation of Chiroptical Properties by Solvent Polarity,
Suzuki, T.*; Ishigaki, Y.; Iwai, T.; Kawai, H.; Fujiwara, K. Ikeda, H.; Kano, Y.; Mizuno, K. *Chem. Eur. J.* **2009**, 15(37), 9434-9441.
- (6) 4,5-Bis(diarylmethylene)-1,3-dithiole: A Novel Helical Electron Donor Exhibiting Electrochromic Behavior,
Suzuki, T.*; Mikuni, S.; Ishigaki, Y.; Higuchi, H.; Kawai, H.; Fujiwara, K. *Chem. Lett.* **2009**, 38(7), 748-749.
- (7) Preparation and X-ray Structures of *trans*-5,6-Diaryl-5,6-dihydro-1,10-phenanthroline-5,6-diols: Formation of Supramolecular Rod by Hydrogen Bonds,
Suzuki, T.*; Miura, Y.; Tamaki, R.; Kawai, H.; Fujiwara, K. *Chem. Lett.* **2009**, 38(7), 670-671.
- (8) Negligible diradical character for the ultralong C-C bond in 1,1,2,2-tetraarylpyracene derivatives at room temperature,
Takeda, T.; Kawai, H.; Herges, R.; Mucke, E.; Sawai, Y.; Murakoshi, K.; H.; Fujiwara, K.;

Suzuki, T.* *Tetrahedron Lett.* **2009**, 50(26)(50th anniversary special issue), 3693-3697.

(9) Intramolecular methylacridan-methylacridinium complexes with a phenanthrene-4,5-diyl or related skeleton: Geometry-properties relationship in isolable C-H bridged carbocations,

Suzuki, T.*; Yoshimoto, Y.; Takeda, T.; Kawai, H.; Fujiwara, K. *Chem. Eur. J.* **2009**, 15(9), 2210-2216.

学会発表等（国内外の招待講演および国際会議での発表状況）

(1) エレクトロクロミズム系の新展開：双安定性と多重出入力機能（英語）

鈴木 孝紀, 理化学研究所特別講演会, 和光, 2009.1.14（招待講演）

(2) Molecular Response Systems based on Hexaphenylethanes: Toward the Realization of Unimolecular Memory and Multi-functional Properties,

Suzuki, T.*, The Second International Symposium on Interdisciplinary Materials and Science (ISIMS-2), Tsukuba, Japan, 2009.3.9-10（招待講演）

(3) Intramolecular Methylacridan-acridinium Complexes: Isolation, Structure, and Reactivities of the C-H Bridged Carbocations,

Suzuki, T.* Yoshimoto, Y.; Takeda, T.; Kawai, H.; Fujiwara, K. The 13 th International Symposium on Novel Aromatic Compounds (ISNA-13), Luxembourg, 2009.7.19-24（依頼講演）

(4) エレクトロクロミズム系の新展開：双安定性と多重出入力機能

鈴木 孝紀, 大阪大学大学院基礎工学研究院特別講演会, 豊中, 2009.10.29（招待講演）