

## *List of Publications of Yoshifumi Tanimoto (2013/11/01)*

### *\*Original Articles*

#### *1. Magnetic Field Effects (MFEs) on Chemical, Physical and Biological Phenomena*

##### *1.1. MFEs on Chemical Phenomena*

###### *1.1.1. Photochemical Reaction*

1. The External Magnetic Field Effect on the Singlet Sensitized Photolysis of Dibenzoyl Peroxide.  
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3. Nanosecond Laser Photolysis Study of the Magnetic Field Effect on *p*-Xylosemiquinone Radical in Sodium Dodecylsulfate Micelle.  
Y. Tanimoto and M. Itoh, *Chem. Phys. Lett.*, **83**, 626-629 (1981).
4. Magnetic Field Effect on the Photoinduced Electron Transfer Reaction between Duroquinone and Aromatic Amines in SDS Micellar Solution.  
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5. Magnetic Field Effects on the Primary Photochemical Processes of Anthraquinones in SDS Micelles.  
Y. Tanimoto, H. Udagawa, and M. Itoh, *J. Phys. Chem.*, **87**, 724-726 (1983).
6. Magnetic Field Effect on the Hydrogen Abstraction of Xanthone from Xanthene in SDS Micelles.  
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9. Magnetic Field Effect on the Photosensitized Oxidation Reaction of 1,3-Diphenylisobenzofuran in SDS Micellar Solutions.  
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10. Two-Step Laser Excitation Fluorescence Study of the Magnetic Field Effect on the Hydrogen Abstraction of Anthraquinone in SDS Micellar Solution.  
Y. Tanimoto, K. Shimizu, and M. Itoh, *Chem. Phys. Lett.*, **112**, 217-219 (1984).
11. SDS ミセル溶液中のキサントンの水素引き抜き反応の磁場効果。  
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12. Magnetic Field Effect on the Hydrogen Abstraction Reaction of Xanthone in Sodium Dodecyl Sulfate Micellar Solution.  
Y. Tanimoto, M. Takashima, and M. Itoh, *J. Phys. Chem.*, **88**, 6053-6056 (1984).
13. Magnetic Field Effect on the Hydrogen Abstraction Reactions of Aromatic Carbonyls in SDS Micellar Solution.  
Y. Tanimoto, M. Takashima, and M. Itoh, *Chem. Lett.*, **1984**, 1981-1984.
14. Magnetic Field Effect on the Intramolecular Hydrogen Abstraction of *n*-Tetradecyl Anthraquinone-2-carboxylate.  
Y. Tanimoto, M. Takashima, M. Uehara, M. Itoh, M. Hiramatsu, R. Nakagaki, T. Watanabe, and S. Nagakura, *Chem. Lett.*, **1985**, 15-18.
15. Magnetic Field Effects on Photoionization of *N,N,N',N'*-Tetramethyl-*p*-phenylenediamine in 2-Propanol.  
Y. Tanimoto, T. Watanabe, R. Nakagaki, M. Hiramatsu, and S. Nagakura, *Chem. Phys. Lett.*, **116**, 341-344 (1985).
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18. Magnetic Field Effects on the Primary Photoprocess of Anthrone in Micellar Solution by Laser Flash Photolysis and Two-Step Laser Excitation Fluorescence.  
Y. Tanimoto, E. Shimada, and M. Itoh, *Bull. Chem. Soc. Jpn.*, **59**, 3039-3041 (1986).
19. Photochemistry of Bichromophoric Chain Molecules Containing Electron Donor and Acceptor Moieties. External Magnetic Field Effects upon the Photochemistry of *N*-[ $\omega$ -(*p*-Nitrophenoxy)alkyl]anilines.  
R. Nakagaki, M. Hiramatsu, K. Mutai, Y. Tanimoto, and S. Nagakura, *Chem. Phys. Lett.*, **134**, 171-176 (1987).
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27. Magnetic Field Effects on the Dynamics of Biradicals Generated from Benzophenone and Diphenylamine Bifunctional Chain Molecules.  
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Y. Tanimoto, M. Nagano, Y. Fujiwara, S. Kohtani, and M. Itoh, *J. Photochem. Photobiol.*, **A74**, 153-158 (1993).
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### 1.1.2. Electrochemical Reaction

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### 1.1.3. Thermal Reaction

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## 1.2. MFEs on Physical Phenomena

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特許権者: ジャパンスーパーコンダクタテクノロジー株式会社、国立大学法人広島大学  
発明者: 米村弘明、山本裕一、山田淳、谷本能文、藤原好恒