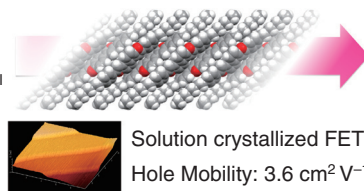
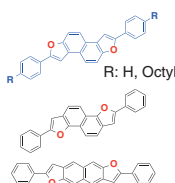




E. Nakamura

## Single-Crystal Organic Field-Effect Transistors of Naphthodifurans

Chikahiko Mitsui, Junshi Soeda, Kazumoto Miwa, Kazutaka Shoyama, Yoshinori Ota, Hayato Tsuji,\* Jun Takeya,\* and Eiichi Nakamura\*  
*Bull. Chem. Soc. Jpn.* **2015**, *88*, 776-783



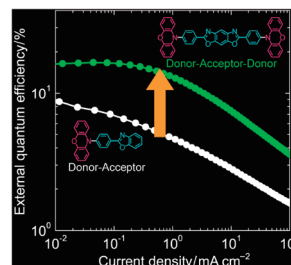
Solution crystallized FET  
 Hole Mobility:  $3.6 \text{ cm}^2 \text{ V}^{-1} \text{ s}^{-1}$



C. Adachi

## Highly Efficient Thermally Activated Delayed Fluorescence Emitters with a Small Singlet-Triplet Energy Gap and Large Oscillator Strength

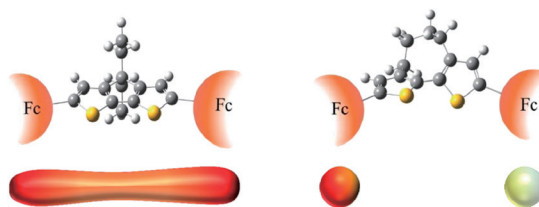
Yuta Sagara, Katsuyuki Shizu, Hiroyuki Tanaka, Hiroshi Miyazaki, Kenichi Goushi, Hironori Kaji, and Chihaya Adachi\*  
*Chem. Lett.* **2015**, *44*, 360-362



M. Sato

## One-Electron-Oxidized States of Dihedral-Angle-Controlled 2,2'-Bithiophenes with Terminal Ferrocenyl Groups

Masa-aki Sato,\* Syuhei Arita, and Kazuki Kawajiri  
*Bull. Chem. Soc. Jpn.* **2015**, *88*, 262-270



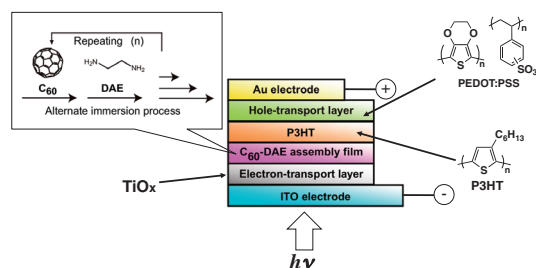
Fc : Ferrocenyl group



T. Akiyama

## Facile Fabrication and Photovoltaic Application of [60]Fullerene Assembly Films Formed by Reaction between Fullerene and Amines

Shoto Banya, Tsuyoshi Akiyama,\* Taisuke Matsumoto, Katsuhiko Fujita, and Takeo Oku  
*Bull. Chem. Soc. Jpn.* **2014**, *87*, 1335-1342

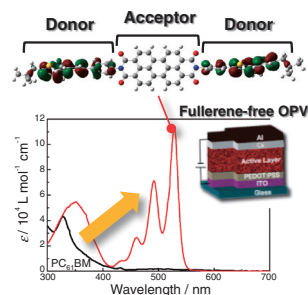




T. Higashihara

### Design of Fullerene-Free Electron-Acceptor Materials Containing Perylene-3,9,10,10-tetracarboxylic diimide Units for Solution-Processed Organic Electronic Devices

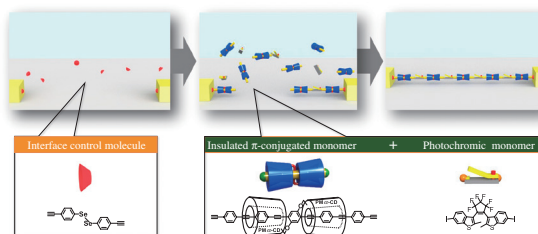
Koutarou Aoyagi, Yu Shoji, Saika Otsubo, Susumu Kawauchi, Mitsuru Ueda, Hidetoshi Matsumoto,\* and Tomoya Higashihara\*  
*Bull. Chem. Soc. Jpn.* **2014**, *87*, 1083-1093



J. Terao

### Molecular Wiring Method Based on Polymerization or Copolymerization of an Insulated $\pi$ -Conjugated Monomer

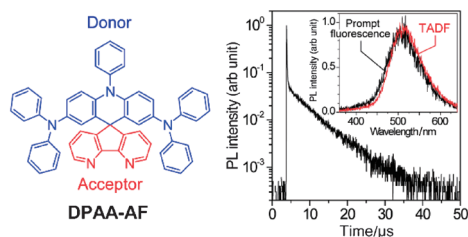
Jun Terao,\* Kyohei Homma, Yohei Konoshima, Masateru Taniguchi,\* Manabu Kiguchi,\* Yuuki Komoto, Masayo Horikawa, Yasuhisa Naito, Tetsuaki Fujihara, and Yasushi Tsuji  
*Bull. Chem. Soc. Jpn.* **2014**, *87*, 871-873



T. Yasuda

### Thermally Activated Delayed Fluorescence from a Spiro-diazafluorene Derivative

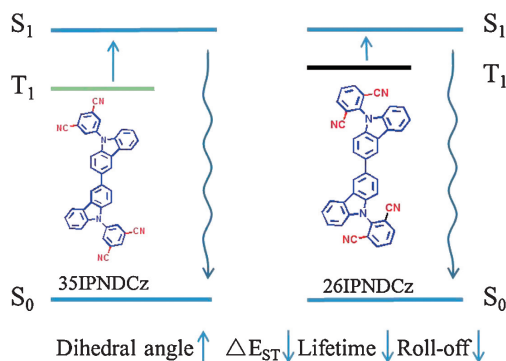
Hiroshi Ohkuma, Tetsuya Nakagawa, Katsuyuki Shizu, Takuma Yasuda,\* and Chihaya Adachi\*  
*Chem. Lett.* **2014**, *43*, 1017-1019



C. Adachi

### Dicarbazolyldicyanobenzenes as Thermally Activated Delayed Fluorescence Emitters: Effect of Substitution Position on Photoluminescent and Electroluminescent Properties

Bo Li, Hiroko Nomura, Hiroshi Miyazaki, Qisheng Zhang, Kou Yoshida, Yoshinori Suzuma, Akihiro Orita,\* Junzo Otera, and Chihaya Adachi\*  
*Chem. Lett.* **2014**, *43*, 319-321

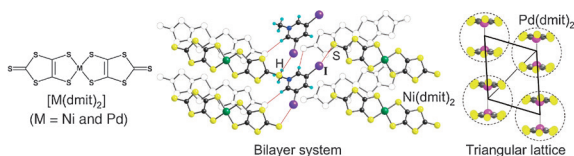




R. Kato

### Development of $\pi$ -Electron Systems Based on $[M(\text{dmit})_2]$ ( $M = \text{Ni}$ and $\text{Pd}$ ; $\text{dmit}$ : 1,3-dithiole-2-thione-4,5-dithiolate) Anion Radicals

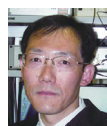
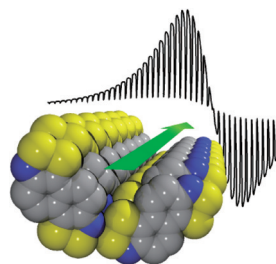
Reizo Kato  
*Bull. Chem. Soc. Jpn.* **2014**, *87*, 355-374



K. Awaga

### Electron-Transfer Processes in Highly-Correlated Electron Systems of Thiazyl Radicals

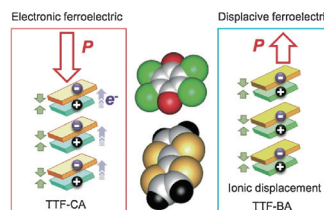
Kunio Awaga,\* Kenji Nomura, Hideo Kishida, Wataru Fujita, Hirofumi Yoshikawa, Michio M. Matsushita, Laigui Hu, Yoshiaki Shuku, and Rie Suizu  
*Bull. Chem. Soc. Jpn.* **2014**, *87*, 234-249



S. Horiuchi

### Ionic versus Electronic Ferroelectricity in Donor-Acceptor Molecular Sequences

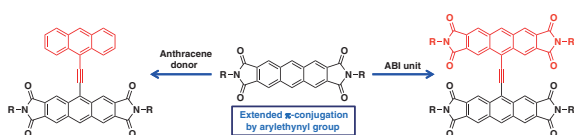
Sachio Horiuchi,\* Kensuke Kobayashi, Reiji Kumai, and Shoji Ishibashi\*  
*Chem. Lett.* **2014**, *43*, 26-35



S. Toyota

### Introduction of an Arylethynyl Group onto an Anthracene Bisimide Core for Molecular Design of New $\pi$ -Conjugated Compounds

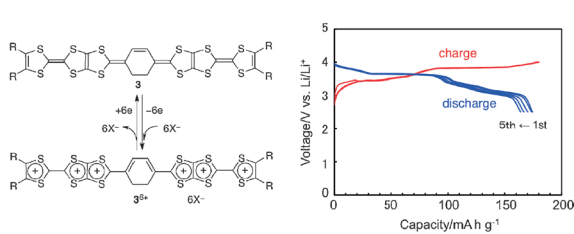
Tetsuo Iwanaga,\* Ryo Tanaka, and Shinji Toyota\*  
*Chem. Lett.* **2014**, *43*, 105-107



Y. Misaki

### A Tris-fused Tetrathiafulvalene Extended with Cyclohexene-1,4-diylidene: A New Positive Electrode Material for Organic Rechargeable Batteries

Minami Kato, Daisuke Ogi, Masaru Yao, and Yohji Misaki\*  
*Chem. Lett.* **2013**, *42*, 1556-1558

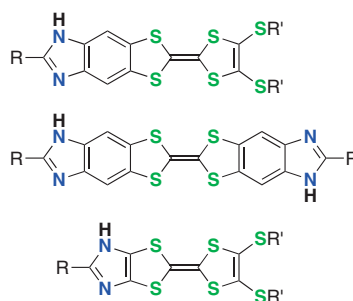




Y. Morita

### Syntheses, Redox Properties, Self-Assembled Structures, and Charge-Transfer Complexes of Imidazole- and Benzimidazole-Annelated Tetrathiafulvalene Derivatives

Tsuyoshi Murata, Yosuke Yamamoto, Yumi Yakiyama, Kazuhiro Nakasuji, and Yasushi Morita\*  
*Bull. Chem. Soc. Jpn.* **2013**, *86*, 927-939



### Low-band-gap Polymers; Palladium-catalyzed Direct Arylation

Letter

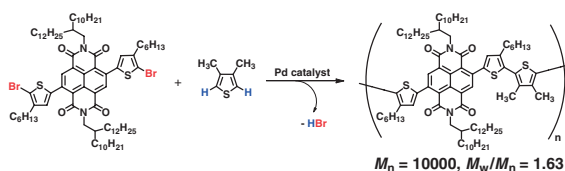
doi:10.1246/cl.130201



K. Nakabayashi

### Palladium-catalyzed Direct Arylation Approach to Synthesize Naphthalene Bisimide-based Low-band-gap Polymers

Kazuhiro Nakabayashi\* and Hideharu Mori  
*Chem. Lett.* **2013**, *42*, 717-718



### H-Bond for Charge Transfer; TTF and TCNQ

Accounts

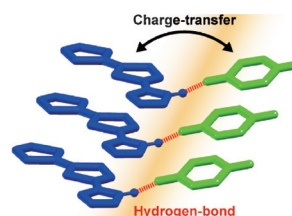
doi:10.1246/bcsj.20120241



Y. Morita

### Cooperation of Hydrogen-Bond and Charge-Transfer Interactions in Molecular Complexes in the Solid State

Yasushi Morita,\* Tsuyoshi Murata, and Kazuhiro Nakasuji\*  
*Bull. Chem. Soc. Jpn.* **2013**, *86*, 183-197



### Polythiophenes; Charge-carrier Mobility

Letter

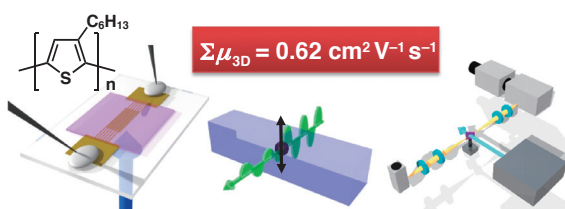
doi:10.1246/cl.2013.19



S. Seki

### Unprecedented High Local Charge-carrier Mobility in P3HT Revealed by Direct and Alternating Current Methods

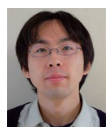
Yoshihiro Yasutani, Akinori Saeki,\* Takahiro Fukumatsu, Yoshiko Koizumi, and Shu Seki\*  
*Chem. Lett.* **2013**, *42*, 19-21



### Ambipolar Organic Semiconductors; Electron-deficient Building Blocks

Editor's Choice

doi:10.1246/cl.2013.68



H. Kojima

### Estimated Mobility of Ambipolar Organic Semiconductors, Indigo and Diketopyrrolopyrrole

Hiroataka Kojima\* and Takehiko Mori  
*Chem. Lett.* **2013**, *42*, 68-70

