

## 期刊論文

1. Ana B. Rodriguez, Michael R. Tomlinson, Saghar Khodabakhsh, **Jui-Fen Chang**, Fabrice Cousin, Dieter Lott, Henning Sirringhaus, Wilhelm T. S. Huck, Anthony M. Higgins and Mark Geoghegan\*, “All-polymer field-effect transistors using a brush gate dielectric”, *Journal of Materials Chemistry C*, **1**, 7736-7741 (2013)
2. Hung-Sen Wei, Cheng-Chung Jaing, Yan-Ting Chen, Chen-Chih Lin, Ching-Wei Cheng, Chia-Hua Chan, Cheng-Chung Lee, and **Jui-Fen Chang\***. “Adjustable exciton-photon coupling with giant Rabi-splitting using layer-by-layer J-aggregate thin films in all-metal mirror microcavities”, *Optics Express*, **21**, 21365-21373 (2013)
3. Henning Sirringhaus\*, Tomo Sakanoue, and **Jui-Fen Chang**. “Charge transport physics of high-mobility molecular semiconductors”, *Phys. Status Solidi B*, **249**, 1655–1676 (2012)
4. **J.-F.Chang**, T.Sakanoue, Y.Olivier, T.Uemura, M.-B.Dufourg-Madec, S.G.Yeates, J.Cornil, J.Takeya, A.Troisi, H.Sirringhaus\*. “Hall-Effect Measurements Probing the Degree of Charge-Carrier Delocalization in Solution-Processed Crystalline Molecular Semiconductors”, *Physical Review Letters*, **107**, 066601 (2011)
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11. **Jui-Fen Chang**, Jenny Clark, Ni Zhao, Henning Sirringhaus, Dag W. Breiby, Jens W. Andreasen, Martin M. Nielsen, Mark Giles, Martin Heeney, and Iain McCulloch, “Molecular-weight dependence of interchain polaron delocalization and exciton bandwidth in high-mobility conjugated polymers”, *Physical Review B* **74**, 115318 (2006).
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### 研討會論文

1. Chen-Chih Lin, **Jui-Fen Chang\***, “The optical and morphological properties of ultra-thin highly absorbing organic films”, OPTIC 2013, 2013-THU-P1001-P007 (學生論文獎)
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3. Hung-Sen Wei, Cheng-Chung Lee, Cheng-Chung Jiang, Yan-Ting Chen, Ching-Wei Cheng, Chen-Chih Lin, Chia-Hua Chan, **Jui-Fen Chang\***, “Adjustable Exciton-photon Coupling with Giant Rabi Splitting in Microcavities Containing J-aggregate Thin Films”, ICMAT 13-A-2582.
4. Hung-Sen Wei, Yan-Ting Chen, Cheng-Chung Lee, Cheng-Chung Jaing, Ching-Wei Cheng, Chen-Chih Lin, **Jui-Fen Chang\***, “Adjustable Exciton-photon Coupling with Giant Rabi-splitting Using Layer-by-layer J-aggregate Thin Films in Metal-insulator-metal Microcavities”, II 11.06, 2013 MRS Spring Meeting.

### 專書論文

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