

International Journals

1. Jen-Hsien Huang, **Yu-Sheng Hsiao** (2nd author), Eric Richard, Chun-Chao Chen, Peilin Chen, Gang Li*, Chih-Wei Chu* and Yang Yang*, “The investigation of donor-acceptor compatibility in bulk-heterojunction polymer systems”, *Appl. Phys. Lett.*, **103**, 043304 (2013).
2. **Yu-Sheng Hsiao** (1st author), Chiung-Wen Kuo, and Peilin Chen*, “Multifunctional Graphene–PEDOT Microelectrodes for On-Chip Manipulation of Human Mesenchymal Stem Cells”, *Adv. Funct. Mater.*, 2012,10.1002/adfm.201203631.
3. Chu-Hua Lu, **Yu-Sheng Hsiao** (Equal to 1st author), Chiung-Wen Kuo, and Peilin Chen*, “Electrically Tunable Organic Bioelectronics for Spatial and Temporal Manipulation of Neuron-like Pheochromocytoma (PC-12) Cells”, *BBA General Subject*, **1830**, 4321, (2013).
4. Cheng-Jung Ko, Yi-Nan Hsiao,* Shiuan-Huei Lin, Po-Lin Chen, Wha-Tzong Whang,* Ken Y. Hsu, **Yu-Sheng Hsiao** (7th author), Chun-Chao Chen, “Nitroanilines enhancing the holographic data storage characteristics of the 9,10-phenanthrenequinone–doped poly(methyl methacrylate) photopolymer”, *J. Appl. Polym. Sci.*, **127**, 643 (2013).
5. **Yu-Sheng Hsiao** (1st author), Shobhit Charan, Feng-Yu Wu, Fan-Ching Chien, Chih-Wei Chu, Peilin Chen*, Fang-Chung Chen*, “Improving the Light Trapping Efficiency of Plasmonic Polymer Solar Cells Through Photon Management”, *J. Phys. Chem. C*, **116**, 20731(2012).
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7. Hung-Yu Wei, **Yu-Sheng Hsiao** (2nd author), Jen-Hsien Huang, Chih-Yu Hsu, Feng-Chih Chang, Peilin Chen, Kuo-Chuan Ho,* and Chih-Wei Chu* “Dual-color electrochromic films incorporating a periodic polymer Nanostructure”, *RSC Adv.*, **2**, 4746 (2012).
8. Kuo-Jung Huang, **Yu-Sheng Hsiao**,* (Corresponding author) Jen-Hsien Huang, Chih-Wei Chu, Peilin Chen, Wha-Tzong Whang,* “Controlling Vertical Alignment of Phthalocyanine Nanofibers on Transparent Graphene-Coated ITO Electrodes for Organic Field Emitters”, *J.*

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11. Jen-Hsien Huang, Fang-Chung Chen, Cheng-Lun Chen, Annie Tzuyu Huang, **Yu-Sheng Hsiao** (**5th author**), Chin-Min Teng, Feng-Wen Yen, Peilin Chen, Chih-Wei Chu,* “Molecular-weight-dependent nanoscale morphology in silole-containing cyclopentadithiophene polymer and fullerene derivative blends”, *Org. Electron.*, **12**, 1755 (2011).
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13. **Yu-Sheng Hsiao** (**1st author**), Fan-Ching Chien, Jen-Hsien Huang, Chih-Ping Chen, Chun-Wen Kuo, Chih-Wei Chu,* Peilin Chen,* “Facile transfer method for fabricating light harvesting systems for polymer solar cells”, *J. Phys. Chem. C*, **115**, 11864 (2011).
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21. **Yu-Sheng Hsiao** (1st author), Wha-Tzong Whang,* Shich-Chang Suen, Jau-Ye Shiu, Chih-Ping Chen, "Morphological control of CuPc and its application in organic solar cells", *Nanotechnology*, **19**, 415603, (2008).
22. **Yu-Sheng Hsiao** (1st author), Wha-Tzong Whang,* Sheng-Chang Wu, Kuen-Ru Chuang, "Chemical formation of palladium-free surface-nickelized polyimide film for flexible electronics", *Thin Solid Films* **516**, 4258 (2008).

Patent

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