

洪文誼教授著作目錄(近 5 年)

| 出版年月 | 著作類別 | 著作名稱 | 作者 | 收錄出處 |
|---------|----------|--|--|-------------------------------|
| 2016-11 | 期刊 論文 | Control of the Reversibility of Excited-State Intramolecular Proton Transfer (ESIPT) Reaction: Host-Polarity Tuning White Organic Light Emitting Diode on a New Thiazolo[5,4-d]thiazole ESIPT System | Zhiyun Zhang [†] , Yi-An Chen [†] , Wen-Yi Hung ^{*‡} , Wei-Feng Tang [‡] , Yen-Hao Hsu [†] , Chi-Lin Chen [†] , Fan-Yi Meng [†] , and Pi-Tai Chou ^{*†} | Chemistry of Materials |
| 2016-10 | 期刊 論文 | 1,2-diphenylbenzimidazole-triarylamine hybridized bipolar host materials employing fluorene as bridge for RYB and white electrophosphorescent devices | Ejabul Mondal, Wen-Yi Hung, [*] Ke-Ting Lin, Hsiao-Fan Chen, Ken-Tsung Wong [*] | Organic Electronics |
| 2016-10 | 期刊 論文 | N-H-Type Excited-State Proton Transfer in Compounds Possessing a Seven-Membered-Ring Intramolecular Hydrogen Bond | Yi-An Chen, Fan-Yi Meng, Yen-Hao Hsu, Cheng-Hsien Hung, Chi-Lin Chen, Kun-You Chung, Wei-Feng Tang, Wen-Yi Hung, and Pi-Tai Chou [*] | CHEMISTRY -A EUROPEAN JOURNAL |
| 2016-07 | 期刊 論文 | Pt(II) Phosphors Featuring Both Dicarbene and Functional Biazolate Chelates: Synthesis, Luminescent Properties, and Applications in Organic Light-Emitting Diodes | Jia-Ling Liao, Yun Chi, [*] Jin-Yun Wang, Zhong-Ning Chen, [*] Zheng-Hua Tsai, Wen-Yi Hung, [*] Meu-Rung Tseng, Gene-Hsiang Lee | INORGANIC CHEMISTRY |
| 2016-06 | 期刊 論文 | Insight into the mechanism and outcoupling enhancement of excimer-associated white light generation | Ying-Hsiao Chen, Kuo-Chun Tang, Yi-Ting Chen, Jiun-Yi Shen, Yu-Sin Wu, Shih-Hung Liu, Chun-Shu Lee, Chang-Hsuan Chen, Tzu-Yu Lai, Shih-Huang Tung, Ru-Jong Jeng, [*] Wen-Yi Hung, [*] Min Jiao, Chung-Chih Wu, Pi-Tai Chou | Chemical Science |

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| 2016-05 | 期刊 論文 | Ambipolar Phosphine Derivatives to Attain True Blue OLEDs with 6.5% EQE | Ilya Kondrasenko, Zheng-Hua Tsai, Kun-you Chung, Yi-Ting Chen, Yana Yu Ershova, Antonio Domenech-Carbo, Wen-Yi Hung,* Pi-Tai Chou,* Antti J. Karttunen, Igor O. Koshevoy* | ACS Appl. Mater. Interfaces |
| 2016-02 | 期刊 論文 | Balance the Carrier Mobility To Achieve High Performance Exciplex OLED Using a Triazine-Based Acceptor | Wen-Yi Hung,* Pin-Yi Chiang, Shih-Wei Lin, Wei-Chieh Tang, Yi-Ting Chen, Shih-Hung Liu, Pi-Tai Chou,* Yi-Tzu Hung, Ken-Tsung Wong* | ACS Applied Materials & Interfaces |
| 2016-02 | 期刊 論文 | Extraordinarily Sensitive and Low-Voltage Operational Cloth-Based Electronic Skin for Wearable Sensing and Multifunctional Integration Uses: A Tactile-Induced Insulating-to-Conducting Transition | Ying-Chih Lai, Bo-Wei Ye, Chun-Fu Lu, Chien-Tung Chen, Meng-Huan Jao ,Wei-Fang Su ,Wen-Yi Hung ,Tai-Yuan Lin, Yang-Fang Chen* | ADVANCED FUNCTIONAL MATERIALS |
| 2016-01 | 期刊 論文 | Highly Twisted Carbazole – Oxadiazole Hybrids as Universal Bipolar Hosts for High Efficiency PhOLEDs | Shuo-Hsien Cheng, Wen-Yi Hung,* Ming-Hung Cheng, Hsiao-Fan Chen, Gene-Hsiang Lee, Chin-Lung Chung ,Tzu-Chin Yeh ,Wei-Chieh Tang ,Shou-Ling Huang , Ken-Tsung Wong* | ADVANCED ELECTRONIC MATERIALS |
| 2015-12 | 期刊 論文 | Optically Triggered Stepwise Double-Proton Transfer in an Intramolecular Proton Relay: A Case Study of 1,8-Dihydroxy-2-naphthaldehyde | Chia-Yu Peng, Jiun-Yi Shen, Yi-Ting Chen, Pei-Jhen Wu, Wen-Yi Hung, Wei-Ping Hu,* and Pi-Tai Chou* | Journal of the American Chemical Society |
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| 2015-09 | 期刊 論文 | Blue-emitting heteroleptic Ir(III) phosphors with functional 2,3'-bipyridine or 2-(pyrimidin-5-yl)-pyridine cyclometalates | Tainan Duan, Ting-Kuang Chang, Yun Chi,* Jin-Yun Wang, Zhong-Ning Chen,* Wen-Yi Hung,* Chang-Hsuan Chen and Gene-Hsiang Lee | Dalton Transactions |
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| 2014-09 | 期刊 論文 | New universal bipolar host materials with fluorene as non-conjugated bridge for | Ejabul Mondal, Wen-Yi Hung*, Hung-Chi Dai, Hsiao-Fan Chen, Pei-Yu Hung, Ken-Tsung Wong* | Tetrahedron |

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| | | multi-color electrophosphorescent devices | | |
| 2014-07 | 期刊 論文 | Bipolar Hosts Based on a Rigid 9,10-Dihydroanthracene Scaffold for Full-Color Electrophosphorescent Devices | Atul Chaskar, Wen-Yi Hung*, Shou-Wei Chen, Hsiao-Fan Chen, Pei-Yu Hung, Ken-Tsung Wong* | Israel Journal of Chemistry |
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| | | Benzimidazole and Carbazole for Highly Efficient Electrophosphorescence | | |
| 2013-06 | 期刊 論文 | Fluorene-Based Asymmetric Bipolar Universal Hosts for White Organic Light Emitting Devices | Ejabul Mondal, Wen-Yi Hung,* Hung-Chi Dai, Ken-Tsung Wong* | Advanced Functional Materials |
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| 2012-11 | 期刊 | A New Thermally Crosslinkable | Wen-Yi Hung*, Chi-Yen Lin, | Organic |

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| | 論文 | Hole Injection Material for OLEDs | Tsang-Lung Cheng, Shih-Wei Yang, Atul Chaskar, Gang-Lun Fan, Ken-Tsung Wong*, Teng-Chih Chao, Mei-Rung Tseng | Electronics |
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| 2012-10 | 技術 報告 | New molecules for efficient multi-color organic LEDs | Wen-Yi Hung,* Ken-Tsung Wong | |
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| 2012-05 | 期刊 論文 | Indolo [3,2-b]carbazole/Benzimidazole Hybrid Bipolar Host Materials for Highly Efficient Red, Yellow, and Green Phosphorescent Organic Light Emitting Diodes | Hao-Chun Ting, You-Ming Chen, Hong-Wei You, Wen-Yi Hung*, Sheng-Hsun Lin, Atul Chaskar, Shu-Hua Chou, Yun Chi, Rai-Hsung Liu* and Ken-Tsung Wong* | Journal of Materials Chemistry |
| 2012-05 | 期刊 論文 | Spiro-Configured Bipolar Hosts Incorporating 4,5-Diazafluorene as the Electron Transport Moiety for Highly Efficient Red and Green Phosphorescent OLEDs | Hsiao-Fan Chen, Ting-Chih Wang, Wen-Yi Hung*, Hao-Chih Chiu, Chi Yun, Ken-Tsung Wong* | Journal of Materials Chemistry |
| 2012-03 | 期刊 論文 | Phenylcarbazole-Dipyridyl Triazole Hybrid as Bipolar Host Material for Phosphorescent OLEDs | Wen-Yi Hung,* Guan-Min Tu, Shou-Wei Chen, Yun Chi* | Journal of Materials Chemistry |
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| 2012-01 | 期刊 論文 | Spiro-Configured Bipolar Host Materials for Highly Efficient Electrophosphorescent Devices | Sung-Yu Ku, Wen-Yi Hung,* Chung-Wen Chen, Shih-Wei Yang, Ejabul Mondal, Yun Chi, Ken-Tsung Wong* | Chemistry – An Asian Journal |
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| 2011-12 | 期刊 論文 | A carbazole-phenylbenzimidazole hybrid bipolar universal host for high efficiency RGB and white | Wen-Yi Hung,* Liang-Chen Chi, Wei-Jiun Chen, Ejabul Mondal, Shu-Hua Chou, Ken-Tsung | Journal of Materials Chemistry |

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| | | PhOLEDs with high chromatic-stability | Wong,* Yun Chi | |
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| 2011-10 | 期刊 論文 | Carbazole – benzimidazole hybrid bipolar host materials for highly efficient green and blue phosphorescent OLEDs | You-Ming Chen, Wen-Yi Hung,* Hong-Wei You, Atul Chaskar, Hao-Chun Ting, Hsiao-Fan Chen, Ken-Tsung Wong* and Yi-Hung Liu | Journal of Materials Chemistry |
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| 2011-04 | 期刊 論文 | Efficient carrier- and exciton-confining device structure that enhances blue PhOLED efficiency and reduces efficiency roll-off | Wen-Yi Hung*, Zhong-Wen Chen, Hong-Wei You, Fu-Chuan Fan, Hsiao-Fan Chen, Ken-Tsung Wong* | Organic Electronics |
| 2011-02 | 期刊 論文 | Heteroleptic Ir(III) complexes containing both azolate chromophoric chelate and diphenylphosphinoaryl cyclometalates; Reactivities, electronic properties and applications | Chen-Huey Lin, Yun Chi*, Min-Wen Chung, Yi-Ju Chen, Kang-Wei Wang, Gene-Hsiang Lee, Pi-Tai Chou*, Wen-Yi Hung*, Hao-Chih Chi | Dalton Transactions |
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| | | PhOLEDs | Ken-Tsung Wong* | |
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