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Academic Qualification:

- Ph.D. in Materials Science, City University of Hong Kong, 2003
- M.Phil. in Materials Science, City University of Hong Kong, 1999
- B.Sc. in Materials Science, City University of Hong Kong, 1997

Teaching Area

Information Display, Modern Display and Lighting Technologies, Thin Film Technologies, Materials Characterization Techniques.

Research Area

Organic Light-Emitting Diode (OLED) for Display and Lighting; Flexible OLED and its Thin Film Encapsulation; Perovskite LED; Semiconductor Surfaces and Interfaces.

Working Experience

- Professor, Soochow University, Suzhou, 2014 - 2020
- Senior Research Fellow, City University of Hong Kong, 2003 - 2013

Academic Publication (selected)

- C.C. Huang, Y.J. Zhang, J.G. Zhou, S.Q. Sun, W. Luo, W. He, J.N. Wang, X.B. Shi, M.K. Fung, Hybrid Tandem White OLED with Long Lifetime and 150 lm W⁻¹ in Luminous Efficacy Based on TADF Blue Emitter Stabilized with Phosphorescent Red Emitter, *Advanced Optical Materials*, 2000727, 2020.
- Y. Yu, D. Xu, C. Huang, X. He, J. Li, C. Zhao, B. Jiao, M.K. Fung, L.S. Liao, Z. Wu, Inverted Bottom-Emitting White Organic Light-Emitting Diodes with Power Efficiency over 220 lm W⁻¹, *Nano Energy*, 2020, 105660.
- W. Luo, T.T. Wang, X. Chen, K.N. Tong, W. He, S.Q. Sun, Y.J. Zhang, L.S. Liao, M.K. Fung,

High-performance organic light-emitting diodes with natural white emission based on thermally activated delayed fluorescence emitters, *Journal of Materials Chemistry C*, 2020, 8, 10431-10437.

- Q.W. Liu, S. Liu, S.Q. Sun, W. Luo, Y.J. Zhang, L.S. Liao, M.K. Fung, Interfacial engineering for highly efficient quasi-two dimensional organic–inorganic hybrid perovskite light-emitting diodes, *J. Mater. Chem. C*, 2019, DOI: 10.1039/c8tc06490c.
- S.Q. Sun, X.C. Hua, Q.W. Liu, T.T. Wang, W. Luo, Y.J. Zhang, L.S. Liao, M.K. Fung, Influence of a lecithin additive on the performance of all-inorganic perovskite light-emitting diodes, *J. Mater. Chem. C.*, 2019, 7, 2905-2910.
- M. Li, S.H. Li, D.D. Zhang, M.H. Cai, L. Duan, M.K. Fung, and C.F. Chen, Stable Enantiomers Displaying Thermally Activated Delayed Fluorescence: Efficient OLEDs with Circularly Polarized Electroluminescence, *Angew. Chem. Int. Edit.*, 2018, 57, 2889-2893.
- S.F. Wu, S.H. Li, Y.K. Wang, C.C. Huang, Q. Sun, J.J. Liang, L.S. Liao, M.K. Fung, White Organic LED with a Luminous Efficacy Exceeding 100 lm W⁻¹ without Light Out-Coupling Enhancement Techniques, *Adv. Funct. Mater.*, 2017, 27, 1701314-1701322.
- D.Y. Liu, Y. Li, J.Y. Yuan*, Q.M. Hong, G.Z. Shi, D.X. Yuan, J. Wei, C.C. Huang, J.X. Tang and M.K. Fung, Improved performance of inverted planar perovskite solar cells with F4-TCNQ doped PEDOT:PSS hole transport layers, *J. Mater. Chem. A.*, 2017, 5, 5701-5708.
- M.K. Fung, Y.Q. Li, L.S. Liao*, Tandem Organic Light-Emitting Diodes, *Adv. Mater.*, 2016, 28, 10381-10408.

Professional Society Membership

- Committee Member, the Society for Information Display (Beijing Chapter), 2017-.
- Member, the Society for Information Display, 2017-.