

# 黃中堯

## 著作目錄

### 期刊論文

1. Chien Y. Lin, Jung Y. Huang and Leu-Wei Lo (2016). Exploring in vivo cholesterol-mediated interactions between activated EGF receptors in plasma membrane with single-molecule optical tracking. *BMC Biophysics*, 9:6 (2016). (SCI). MOST 103-2112-M-009-012-MY3. 本人為通訊作者. MOST103-2112-M-009-012-MY3.
2. Chien Y. Lin, Jung Y. Huang, Leu-Wei Lo (2015). Unraveling the impact of lipid domains on the dimerization processes of single-molecule EGFRs of live cells. *Biochimica et Biophysica Acta*, 1848, 886-893 . (SCI). MOST 103-2112-M-009-012-MY3. 本人為通訊作者.
3. Jung Y. Huang and Chien Y. Lin (2015). Exploring the stochastic dynamics of correlated movement of receptor proteins in plasma membranes in vivo. *Journal of Chemical Physics*, 143, 225101. (SCI). MOST 103-2112-M-009-012-MY3. 本人為第一作者、通訊作者.
4. Chien Y. Lin, Jung Y. Huang, and Leu-Wei Lo (2014). Energetic modeling and single-molecule verification of dynamic regulation on receptor complexes by actin corrals and lipid raft domains. *Journal of Chemical Physics*, 141, 215102. (SCI). MOST 103-2112-M-009-012-MY3. 本人為通訊作者.
5. Jung Y. Huang and Chien Y. Lin (2014). Real-time localization and nanospectroscopy of epidermal growth factor receptors in live cells. *Trends in Physical Chemistry*, 15, 105-111. (SCI). MOST 103-2112-M-009-012-MY3. 本人為第一作者、通訊作者.
6. Jung Y. Huang, Chien Y. Lin, Wei-Sheng Liu, and Jen-Inn Chyi (2014). Quantum control study of ultrafast optical responses in semiconductor quantum dot devices. *Optics Express*, 22, 30815-30825. (SCI). MOST 103-2112-M-009-012-MY3. 本人為第一作者、通訊作者.
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8. Wen-Hsien Huang, Jia-Min Shieh, Fu-Ming Pan, Chang-Hong Shen, Jung Y.