

五、著作目錄(建議呈現與計畫相關之著作目錄，頁數以2頁為限)：

1. H. J. Huang, B. -H. Liu, J. Su, P. -J. Chen, C. -T. Lin, H. -P. Chiang, **T. S. Kao**, Y. -F. Chou Chau, C. -C. Kei, C. -H. Hwang, “Light energy transformation over a few nanometers”, *J. Phys. D: Appl. Phys.* **50**, 375601 (2017)
2. **T. S. Kao**, Y. -H. Chou, K. -B Hong, J. -F. Huang, C. -H. Chou, H. -C. Kuo, F. -C. Chen, T. -C. Lu, “Controllable lasing performance in solution-processed organic–inorganic hybrid perovskites”, *Nanoscale*, **8** 18483 (2016)
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8. J. K. Huang, C. Y. Liu, T. P. Chen, H. W. Huang, F. I. Lai, P. T. Lee, C. H. Lin, C. Y. Chang, **T. S. Kao\***, H. C. Kuo, “Enhanced light extraction efficiency of GaN-based hybrid nanorods light-emitting diodes”, *IEEE J. Selected Topics in Quan. Electron.*, **21** 354 (2015)
9. **T. S. Kao**, Y. H. Chou, C. H. Chou, F. C. Chen, T. C. Lu, “Lasing behaviors upon phase transition in solution-processed perovskite thin films”, *Appl. Phys. Lett.*, **105** 231108 (2014)
10. S. C. Chen, Y. J. Chen, W. T. Chen, Y. T. Yen, **T. S. Kao**, T. Y. Chuang, Y. K. Liao, K. H. Wu, A. Yabushita, T. P. Hsieh, M. D. B. Charlton, D. P. Tsai, H. C. Kuo, Y. L. Chueh, “Toward omnidirectional light absorption by plasmonic effect for high-efficiency flexible nonvacuum Cu(In,Ga)Se<sub>2</sub> Thin Film Solar Cells”, *ACS Nano*, **8** 9341 (2014)
11. J. Yang, F. F. Luo, **T. S. Kao**, X. Li, G. W. Ho, J. H. Teng, X. G. Luo, M. H. Hong, “Broadband ultra-low reflectivity black Si surfaces: Design and fabrication by laser micro/nanoprocessing”, *Light: Sci. & Appl.*, **3** e185 (2014)
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