

# 林昭吟

## 著作目錄

### 期刊論文

1. Sheng-Yueh Weng, M. Sanjoy Singh, Cheng-Feng Hong, Wen-Teng Lin, Po-Hsun Wu, Ssu-Yen Huang, Jauyn Grace Lin, Yu-Hsun Chu, Wen-Chung Chiang, and Minn-Tsong Lin (2022, Dec). Effective spin injection into the organic semiconductor PTCDA evaluated by a normalization method. *Applied Physics Letters*, 121, 232401. nstc 107-2119-M-002-006.
2. Hsia-Ling Liang, T. C. Chuang, Danru Qu, C. C. Chiang, Ming-Hao Lee, Y. S. Chen, Jauyn Grace Lin, Ming-Wen Chu, C. L. Chien, and Ssu-Yen Huang (2022, Nov). Anisotropic spin-to-charge conversion in bismuth. *Physical Review B*, 106, L201304. nstc 110-2123-M-002-008.
3. Y-C Weng, C.-T Liang and J. G. Lin (2022, Nov). Influence of dopants on spin-charge conversion in GaAs. *J. Magnetism and Magnetic Materials*, 564, 17023. nstc 108-2112-M-002-022. 本人為通訊作者.
4. Sayan Chaudhuri, C. N. Kuo, Y. S. Chen, C. S. Lue and J. G. Lin (2022, Sep). Low-temperature magnetic order rearrangement in the layered van der Waals compound MnPS<sub>3</sub>. *Physical Review B*, 106, 094416. 本人為通訊作者.
5. P. Pramanik, M. Reehuis, M. Tovar, A. Hoser, J.-U. Hoffmann, Y. S. Chen, J. G. Lin, B. Weise, A. Waske, and S. Thota (2022, Mar). Strong correlation between structure and magnetic ordering in tetragonally distorted off-stoichiometric spinels Mn<sub>1.15</sub>Co<sub>1.85</sub>O<sub>4</sub> and Mn<sub>1.17</sub>Co<sub>1.60</sub>Cu<sub>0.23</sub>O<sub>4</sub>. *PHYSICAL REVIEW MATERIALS*, 6, 034407. MOST 109-2112-M-002-006.
6. E.A. Golygin, Y. S. Chen, J.G. Lin, A.A. Gavrilyuk (2022, Jan). Acid etching effects on thermal stability of  $\Delta E$ -effect and field sensitivity in Cr-doped Ironbased amorphous ribbons. *Journal of Magnetism and Magnetic Materials*, 550, 169095. MOST 108-2112-M-002-022.
7. H. W. Chang, F. T. Yuan, D. Y. Lin, D. H. Tseng, W. C. Chang, Y. S. Chen, J. G. Lin (2021, Dec). Large stress-induced anisotropy in soft magnetic films for synthetic spin valves. *Applied Physics Letters*, 119, 242402.
8. Y.-S. Chen and J. G. Lin\* (2021, Dec). Colossal crystalline anisotropic magnetoresistance in A-type antiferromagnetic film. *Applied Physics Letters*, 119, 232401. MOST 109-2112-M-002-006. 本人為通訊作者.
9. H-P Chang, Mario Hofmann, Y-P Hsieh, Y-S Chen, J. G. Lin\* (2021, Oct).

- Correlation of Grain Orientations and the thickness of Gradient MoS<sub>2</sub> films. *RSC Advances*, 11, 34269 (2021). MOST 109-2112-M-002-006. 本人為通訊作者。
10. Ramesh Ade, Y. S. Chen and Jauyn Grace Lin\* (2021, May). Effect of processing parameters on the defects state in Ni<sub>0.65</sub>Zn<sub>0.35</sub>Al<sub>0.8</sub>F<sub>21.3</sub>O<sub>4</sub> thin films. *J. Magn. Mater.*, 535, 168085. MOST 108-2112-M-002-022. 本人為通訊作者。
  11. Y. S. Chen, C. N. Kuo, C. S. Lue and J. G. Lin\* (2021, May). Insight into intrinsic ferromagnetism in Quasi-2D Cr<sub>5</sub>-yTe<sub>8</sub>. *J. Phys: Condens. Matter.*, 33, 235401. MOST 108-2112-M-002-022. 本人為通訊作者。
  12. Y. S. Chen, J. G. Lin\*, S. Singh, K. Manna, G. H. Fecher, Claudia Felser\* (2021, Mar). Martensite-Austenite transition correlated twinning and symmetry breaking in single crystalline Ni<sub>50</sub>Mn<sub>35</sub>In<sub>15</sub>. *Physical Review Materials*, 5, 2000273. MOST 105-2112-M-002-006. 本人為通訊作者。
  13. HengJui Liu\*, Chin-Han Huang, Cheng-Ying Chen, Sheng-Wei Hsiao, You-Sheng Chen, Ming-Hao Lee, Yu-Chen Chen, Pin-Jiun Wu, Ming-Wen Chu, Jauyn Grace Lin\* (2020, Jun). Large Photoresponsivity in the Amorphous-TiO<sub>2</sub>/SrRuO<sub>3</sub> Heterostructure. *Physica Status Solidi - Rapid Research Letters*, 2000273, 1-9. MOST 108-2112-M-005-008. 本人為通訊作者。
  14. Ramesh Ade, Y. S. Chen, Chin-Han Huang, and Jauyn Grace Lin\* (2020, Mar). Large magnetic anisotropy in highly strained epitaxial MgFe<sub>2</sub>O<sub>4</sub> thin films. *J. Appl. Phys.*, 127, 113904 1-7. MOST 108-2112-M-002-022. 本人為通訊作者。
  15. Yi-Hsiang Huang, Yi-Chien Weng, Chi-Te Liang, and J.G. Lin\* (2020, Jan). Spin Hall angle and spin diffusion length of permalloy. *AIP Advances*, 10, 015041 1-4. MOST 105-2112-M-002-010-MY3. 本人為通訊作者。
  16. Yi-Chien Weng, C.-T. Liang, and J.G. Lin\* (2019, Dec). Detection of torque effects in Co/Pt via ferromagnetic resonance. *AIP Advances*, 9, 125135 1-4. MOST 105-2112-M-002-010-MY3. 本人為通訊作者。
  17. Yi-Chien Weng, C.-T. Liang, Jauyn Grace Lin\* (2019, Nov). Modulation of spin-charge conversion in silicon. *Applied Physics Letters*, 115, 232101 (2019). MOST 105-2112-M-002-010-MY3. 本人為通訊作者。
  18. Ramesh Ade, Y.S. Chen, J.G. Lin\* (2019, Oct). Effect of atomic replacement on the magnetic anisotropy in epitaxially grown ferrite thin films. *Journal of Magnetism and Magnetic Materials*, 496 (2020) 165956. MOST 105-2112-M-002-010-MY3. 本人為通訊作者。
  19. H.D. Yang, J.-Y. Lin, J.G. Lind, J.C. Ho (2019, Jul). Low-temperature specific heat of superconductors II: Progress in the new era. *Chinese Journal of Physics*, 61 (2019) 212–226. NTU: NTU- 107L900803.

20. J.C. Hoa, J.G. Lin, J.Y. Lin, H.D. Yang (2019, Jul). Low-temperature specific heat of superconductors – I. Historical perspective prior to 1986. *Chinese Journal of Physics*, 61 (2019) 113–137. NTU: NTU-107L900803.
21. Y. S. Chen, J. G. Lin\*, S. Y. Huang, and C. L. Chien (2019, Jun). Incoherent spin pumping from YIG single crystals. *PHYSICAL REVIEW B (Rapid Communication)*, 99, 220402. MOST 105-2811-M-002-210. 本人為通訊作者.
22. S. L. Cheng, C. H. Du, T. H. Chuang & J. G. Lin\* (2019, Mar). Atomic replacement effects on the band structure of doped perovskite thin films. *Scientific Reports*, 9, 7828. MOST 105-2112-M-002-010-MY3. 本人為通訊作者.
23. Y. C. Shao, N. G. Deshpande, Y. Y. Chin, S. H. Hsieh, C. H. Du, H. T. Wang, J. W. Chiou, H. M. Tsai, H. J. Lin, S. L. Cheng, J. G. Lin, K. Asokan, P. H. Yeh & W. F. Pong (2019, Mar). Strain effect on orbital and magnetic structures of Mn ions in epitaxial Nd<sub>0.35</sub>Sr<sub>0.65</sub>MnO<sub>3</sub>/SrTiO<sub>3</sub> films using X-ray diffraction and absorption. *Scientific Reports*, 9, 5160.
24. Y.S. Chen, E.A. Golygin, A.A. Gavriluk, J.G. Lin\* (2018, Apr). Post-treatment effects on the magnetic anisotropy of iron based metallic amorphous ribbons. *Journal of Magnetism and Magnetic Materials*, 461 (2018) 106-110. MOST 106-2811-M-002-092. 本人為通訊作者.
25. Ashish Chhaganlal Gandhi, Jauyn Grace Lin\* (2018, Feb). Microwave-assisted synthesis and critical analysis for YBa<sub>2</sub>Cu<sub>3</sub>O<sub>6+δ</sub> nanoparticles. *Superconductor Science and Technology*, 31 (2018) 055002 1-8. MOST 105-2112-M-002-010-MY3. 本人為通訊作者.
26. W. C. Lin, C. L. Tsai, K. Ogawa, S. Yamada, Ashish C. Gandhi, and J. G. Lin (2018, Jan). Interfacial magnetic coupling in hetero-structure of Fe/double-perovskite NdBaMn<sub>2</sub>O<sub>6</sub> single crystal. *APPLIED PHYSICS LETTERS*, 112, 162403 (2018). MOST 105-2112-M-002-010-MY3.
27. H. C. Han, Y. S. Chen, M. D. Davydova, P. N. Petrov, P. N. Skirdkov, J. G. Lin, J. C. Wu, J. C. A. Huang, K. A. Zvezdin, and A. K. Zvezdin (2017, Nov). Spin pumping and probe in permalloy dots-topological insulator bilayers. *Appl. Phys. Lett.*, 111, 182411. MOST 105-2112-M-002-010-MY3.
28. M. Y. Song, G. Y. Luo, J. G. Lin\*, M. G. Samant, and S. S. P. Parkin (2017, Nov). Influence of Magnetic Anisotropy on Inverse Spin Hall Voltage. *SPIN*, 7 1750007. MOST 103-2112-M-002-022-MY3. 本人為通訊作者.
29. S. L. CHENG, T. H. CHUANG and J. G. LIN\* (2017, Oct). Spin Diffusion Length in Ferromagnet/Superconductor bilayers. *IEEE Trans. Magn.*, 53, 9000104. MOST 105-2112-M-002-010-MY3. 本人為通訊作者.
30. Yi-Chien Weng, G. Y. Luo, C.-T. Liang and J. G. Lin\* (2017, Oct). Thickness-dependent self-induced spin-pumping in Cobalt thin films. *IEEE Trans. Magn.*,

- 53, 4100104. MOST 105-2112-M-002-010-MY3. 本人為通訊作者.
31. B. W. Wu, G. Y. Luo, J. G. Lin, and S. Y. Huang\* (2017, Aug). Longitudinal spin Seebeck effect in a half-metallic  $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$  film. *Phys. Rev. B, rapid communication*, 96, 060402(R). MOST 103-2112-M-002-021-MY3.
  32. Feng-Jen Chang, Jauyn Grace Lin, and Ssu-Yen Huang,\* (2017, Aug). Robust spin current generated by the spin Seebeck effect. *Phys. Rev. Materials*, 1, 031401(R). MOST 103-2112-M-002-021-MY3.
  33. G. Y. Luo, J. G. Lin\*, Wen-Chung Chiang\* and Ching-Ray Chang (2017, Jul). Spin pump and probe in lanthanum strontium manganite/platinum bilayers. *Scientific reports*, 7: 6612. MOST 105-2112-M-002-010-MY3. 本人為通訊作者.
  34. Ashish Chhaganlal Gandhi and Jauyn Grace Lin\* (2017, Apr). Magnetic resonance study of exchange-biased Ni/NiO nanoparticles. *J. Phys.: Condens. Matter*, 29, 215802. MOST 102-2112-M-002-012-MY. 本人為通訊作者.
  35. Ashish Chhaganlal Gandhi, Rajasree Das, Fang-Cheng Chou and Jauyn Grace Lin\* (2017, Mar). Magnetocrystalline two-fold symmetry in  $\text{CaFe}_2\text{O}_4$  single crystal. *J. Phys.: Condens. Matter*, 29, 175802. 本人為通訊作者.
  36. J. W. Lin, J. S. Gardner, C.-W. Wang, G. Deng, C. M. Wu, V. K. Peterson, and J. G. Lin\* (2017, Mar). Local bonds anomalies and dynamics in bismuth ferrite. *AIP ADVANCES*, 7, 055836. MOST 105-2112-M-002-010-MY3. 本人為通訊作者.