

## Publications

### Referred papers

1. C. C. Lee, W. L. Lee, **J.-Y. Lin**, C. C. Tsuei, J. G. Lin, and F. C. Chou, " Superconducting to spin-glass state transformation in  $\beta$ -pyrochlore  $K_xOs_2O_6$ ", Physical Review B **83**, 104503 (2011).
2. K. H. Wu, L. Y. Chen, Y. T. Chen, C. C. Hsieh, C.W. Luo, T.M. Uen, J.Y. Juang, **J.-Y. Lin**, T. Kobayashi, M. Gospadinov, "Marked enhancement of Neel temperature in strained  $Y\text{MnO}_3$  thin films probed by femtosecond spectroscopy", Europhysics Letters **94**, 27006 (2011).
3. H. C. Shih, L. Y. Chen, C.W. Luo, K. H. Wu, **J.-Y. Lin**, J.Y. Juang, T.M. Uen, J.M. Lee, J.M. Chen, and T. Kobayashi, " Ultrafast thermoelastic dynamics of  $\text{HoMnO}_3$  single crystals derived from femtosecond optical pump–probe spectroscopy", New Journal of Physics **13**, 053003 (2011).
4. **J.-Y. Lin**, Y. S. Hsieh, D. A. Chareev, A. N. Vasiliev, Y. Parsons, and H. D. Yang, "Low temperature specific-heat measurements of a coexistence of isotropic and extended  $s$ -wave order parameters in superconducting FeSe single crystals", Physical Review B **84**, 220507(R) (2011).
5. Y. Y. Chu, Y. F. Liao, V. T. Tra, J. C. Yang, W. Z. Liu, Y. H. Chu, **J.-Y. Lin**, J. H. Huang, J. Weinen, S. Agrestini, K.-D. Tsuei, and D. J. Huang, " Distribution of electronic reconstruction at the n-type  $\text{LaAlO}_3/\text{SrTiO}_3$  interface revealed by hard x-ray photoemission spectroscopy", Applied Physics Letters **99**, 262101 (2011).
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8. C.W. Luo, I. H. Wu, P. C. Cheng, **J.-Y. Lin**, K. H. Wu, T. M. Uen, J. Y. Juang, T. Kobayashi, D. A. Chareev, O. S. Volkova, and A. N. Vasiliev, "Quasiparticle Dynamics and Phonon Softening in FeSe Superconductors", Physical Review Letters **108**, 257006 (2012).
9. L. Y. Chen, J. C. Yang, C. W. Luo, C. W. Liang, K. H. Wu, **J.-Y. Lin**, T. M. Uen, J. Y. Juang, Y. H. Chu, and T. Kobayashi, "Ultrafast photoinduced mechanical strain in epitaxial  $\text{BiFeO}_3$  thin films", Applied Physics Letters **101**, 041902 (2012).
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12. C. W. Luo, I. H. Wu, P. C. Cheng, **J.-Y. Lin**, K. H. Wu, T. M. Uen, J.-Y. Juang, T. Kobayashi, Y. C. Wen, T. W. Huang, K. W. Yeh, M. K. Wu, D. A. Chareev, O. S. Volkova, A. N. Vasiliev, " Ultrafast dynamics and phonon softening in  $\text{Fe}_{1+y}\text{Se}_{1-x}\text{Te}_x$  single crystals", *New Journal of Physics* **14**, 103053 (2012).
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17. C. S. Lue, H. F. Liu, C. N. Kuo, P. S. Shih, **J.-Y. Lin**, Y. K. Kuo, M. W. Chu, T.-L. Hung and Y. Y. Chen, "Investigation of normal and superconducting states in oncentrosymmetric  $\text{Re}_2\text{Ti}_5$ ", *Superconductor Science and Technology* **26**, 055001 (2013).
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21. Y.-J. Chen, P. J. Lin, K. H. Wu, B. Rosenstein, C. W. Luo, J. Y. Juang, and **J.-Y. Lin**, “Superconducting fluctuations and the Nernst effect in high-Tc superconductors”, *Superconductor Science and Technology* **26**, 105029 (2013).
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## Review Articles and Monographs

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