

## Publications of Kun Yang

1. *Possible Spin Liquid States on the Triangular and Kagomé Lattices*, Kun Yang, L. K. Warman and S. M. Girvin, *Phys. Rev. Lett.* **70**, 2641 (1993).
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4. *Charged Pseudospin Textures in Double-Layer Quantum Hall Systems with Spontaneous Interlayer Coherence*, Kun Yang and A. H. MacDonald, *Phys. Rev. B* **51**, 17247 (Rapid Communication) (1995).
5. *Random Bonds and Topological Stability in Gapped Quantum Spin Chains*, R. A. Hyman, Kun Yang, R. N. Bhatt, and S. M. Girvin, *Phys. Rev. Lett.* **76**, 839 (1996).
6. *Floating of Extended States and Localization Transition in a Weak Magnetic Field*, Kun Yang and R. N. Bhatt, *Phys. Rev. Lett.* **76**, 1316 (1996).
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8. *Many-Skyrmion Wave Functions and Skyrmion Statistics in Quantum Hall Ferromagnets*, Kun Yang and S. L. Sondhi, *Phys. Rev. B.* **54**, R2331 (1996).
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11. *Current Carrying States in a Random Magnetic Field*, Kun Yang and R. N. Bhatt, *Phys. Rev. B* **55**, R1922 (1997).
12. *An Impurity Driven Phase Transition in the Antiferromagnetic Spin-1 Chain*, R. A. Hyman and Kun Yang, *Phys. Rev. Lett.* **78**, 1783 (1997).
13. *Response of a  $d_{x^2-y^2}$  Superconductor to a Zeeman Magnetic Field*, Kun Yang and S. L. Sondhi, *Phys. Rev. B* **57**, 8566 (1998).
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15. *Non-Heisenberg Couplings and Ferromagnetic Instability in a Random Antiferromagnetic Spin-1 Chain*, R. N. Bhatt and Kun Yang, *J. Appl. Phys.* **83**, 7231 (1998).
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18. *Generation of Ferromagnetic Bonds in Disordered Antiferromagnetic Spin-1 Chains with Biquadratic Couplings*, Kun Yang and R. N. Bhatt, *Physica B* **259**, 1048 (1999).
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23. *Josephson Effect in Fulde-Ferrell-Larkin-Ovchinnikov Superconductors*, Kun Yang and D. F. Agterberg, *Phys. Rev. Lett.* **84**, 4970 (2000).
24. *Study of Universality at Integer Quantum Hall Transitions*, Kun Yang, D. Shahar, R. N. Bhatt, D. C. Tsui and M. Shayegan, *J. Phys. Condens. Matter* **12**, 5343 (2000).
25. *Low Energy Collective Modes, Ginsburg-Landau Theory, and Pseudogap Behavior in Superconductors with Long-Range Pairing Interactions*, Kun Yang and S. L. Sondhi, *Phys. Rev. B* **62**, 11778 (2000).
26. *Spontaneous Breakdown of Translational Symmetry in Quantum Hall Systems: Crystalline Order in High Landau Levels*, F. D. M. Haldane, E. H. Rezayi, and Kun Yang, *Phys. Rev. Lett.* **85**, 5396 (2000).
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32. *Effects of Impurities on Fulde-Ferrell-Larkin-Ovchinnikov Superconductors*, D. F. Agterberg and Kun Yang, *J. Phys. Condens. Matter* **13**, 9259 (2001).
33. *Reconstruction of Fractional Quantum Hall Edges*, Xin Wan, Kun Yang, and E. H. Rezayi, *Phys. Rev. Lett.* **88**, 056802 (2002).
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35. *Modified Spin-Wave Study of Random Antiferromagnetic-Ferromagnetic Spin Chains*, Xin Wan, Kun Yang, and R. N. Bhatt, *Phys. Rev. B* **66**, 014429 (2002).
36. *Disorder Induced Cluster Formation near First Order Phase Transitions in Electronic Systems: Importance of Long-range Coulomb Interaction*, Kun Yang, *Phys. Rev. B* **67**, 092201 (2003).
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46. *Ferromagnetic Transition in One-Dimensional Itinerant Electron Systems*, Kun Yang, *Phys. Rev. Lett.* **93**, 066401 (2004).
47. *Numerical Study of Spin Quantum Hall Transitions in Superconductors with Broken Time-Reversal Symmetry*, Qinghong Cui, Xin Wan, and Kun Yang, *Phys. Rev. B* **70**, 094506 (2004).
48. *Vortex Lattice Structure of Fulde-Ferrell-Larkin-Ovchinnikov Superconductors*, Kun Yang and A. H. MacDonald, *Phys. Rev. B* **70**, 094512 (2004).