## arXiv daily feed

## 2024-07-25

## Articles from selected authors (0 articles)

## Relevant categories (35 articles): cond-mat.str-el, cond-mat.mes-hall, cond-mat.quant-gas

- 1. Yukawa-Lorentz symmetry of interacting non-Hermitian birefringent Dirac fermions
  - S. A. Murshed, B. Roy
- 2. Excitons in Fractional Quantum Hall Effect
  - N. J. Zhang, R. Q. Nguyen, N. Batra, X. Liu, K. Watanabe, T. Taniguchi, D. E. Feldman, J. I. A. Li
- 3. Probing Penrose-type singularities in sonic black holes S. Datta, U. R. Fischer
- 4. The Emergence of Mem-Emitters
  - V. Lopez-Richard, I. R. F. e. Silva, A. Ames, F. B. Sousa, M. D. Teodoro, I. D. Barcelos, R. d. Oliveira, A. R. Cadore
- 5. Dipolar ordering transitions in many-body quantum optics: Analytical diagrammatic approach to equilibrium quantum spins
  - B. Schneider, R. Burkard, B. Olmos, I. Lesanovsky, B. Sbierski
- 6. The temperature influence on the brightening of neutral and charged dark excitons in WSe<sub>2</sub> monolayer
  - . Kipczak, N. Zawadzka, D. Jana, I. Antoniazzi, M. Grzeszczyk, M. Zinkiewicz, K. Watanabe, T. Taniguchi, M. Potemski, C. Faugeras, A. Babiski, M. R. Molas
- 7. Nonlinear magneto-optical response across van Hove singularity in a non-centrosymmetric magnetic Weyl semimetal J. Li, K. Ding, L. Tang
- 8. Imaging interstitial atoms with multislice electron ptychography Z. Chen, Y. Shao, S. E. Zeltmann, H. K. P., E. R. Rosenberg, C. A. Ross, Y. Jiang, D. A. Muller

- 9. Equation of state of Bose gases beyond the universal regime M. Planasdemunt, J. Pera, J. Boronat
- 10. Collective quantum enhancement in critical quantum sensing U. Alushi, A. Coppo, V. Brosco, R. D. Candia, S. Felicetti
- Quadrupolar Excitons in MoSe2 Bilayers
   J. Jasiski, J. Hagel, S. Brem, E. Wietek, T. Taniguchi, K. Watanabe, A. Chernikov, N. Bruyant, M. Dyksik, A. Surrente, M. Baranowski, D. K. Maude, E. Malic, P. Pochocka
- Braiding Induced by Finite-Size Effect in One-Dimensional Topological Superconductors
   H. Pan, Z. Li, J. Jia, Z. Qiao
- Experimental Data Confirm Carrier-Cascade Model for Solid-State Conductance across Proteins
   E. Papp, G. Vattay, C. Romero-Muniz, L. A. Zotti, J. A. Fereiro, M. Sheves, D. Cahen
- 14. Spectrally resolved far-field emission pattern of single photon emitters in MoS2 K. Barthelmi, T. Amit, L. Sigl, M. Troue, T. Klokkers, A. Herrmann, T. Taniguchi, K. Watanabe, J. Finley, C. Kastl, S. Refaely-Abramson, A. Holleitner
- 15. Lightwave-driven electrons in a Floquet topological insulator
  T. Weitz, D. M. B. Lesko, S. Wittigschlager, W. Li, C. Heide, O. Neufeld, P. Hommelhoff
- 16. Two-Level System Nanomechanics in the Blue-Detuned Regime G. Bertel, C. Dutreix, F. Pistolesi
- 17. Extracting the symmetries of nonequilibrium quantum many-body systems A. N. Mikheev, V. Noel, I. Siovitz, H. Strobel, M. K. Oberthaler, J. Berges
- Hidden vortices and Feynman rule in Bose-Einstein condensates with densitydependent gauge potential
   I. A. Bhat, B. Dey
- 19. Magnetic properties of a staggered S=1 chain with an alternating single-ion anisotropy direction  $S.\ Vaidya,\ S.\ P.\ M.\ Curley,\ P.\ Manuel,\ J.\ R.\ Stewart,\ M.\ D.\ Le,\ T.\ Shiroka,$ 
  - S. Vaidya, S. P. M. Curiey, P. Manuel, J. R. Stewart, M. D. Le, T. Shiroka, S. J. Blundell, K. A. Wheeler, Z. E. Manson, J. L. Manson, J. Singleton, T. Lancaster, R. D. Johnson, P. A. Goddard
- Two-strand ladder network variants: localization, multifractality, and quantum dynamics under an Aubry-Andr-Harper kind of quasiperiodicity
   S. Biswas

- 21. Intrinsic Nonlinear Spin Hall Effect and Manipulation of Perpendicular Magnetization
  - H. Wang, H. Liu, X. Feng, J. Cao, W. Wu, S. Lai, W. Gao, C. Xiao, S. A. Yang
- 22. Mechanism of Type-II Multiferroicity in Pure and Al-Doped CuFeO<sub>2</sub> W. Zhu, P. Wang, H. Zhu, X. Li, J. Zhao, C. Xu, H. Xiang
- 23. Magnetic properties of AlB<sub>2</sub>-type holmium silicides and germanides G. Eguchi, R. Matsumoto, K. Terashima, Y. Takano
- 24. Entangling power, gate typicality and Measurement-induced Phase Transitions S. Manna, V. Madhok, A. Lakshminarayan
- 25. Observation of excitonic Floquet states in a one-dimensional organic Mott insulator using mid-infrared pump near-infrared probe reflection spectroscopy R. Ikeda, D. Sakai, T. Yamakawa, T. Miyamoto, T. Hasegawa, H. Okamoto
- 26. Phonon dispersion of nanoscale honeycomb phononic crystal: gigahertz and terahertz spectroscopy comparison
  - M. Diego, R. Anufriev, R. Yanagisawa, M. Nomura
- 27. Photon-resolved Floquet theory I: Full-Counting statistics of the driving field in Floquet systems
  - G. Engelhardt, J. Luo, V. M. Bastidas, G. Platero
- 28. Robust Room-Temperature Polariton Condensation and Lasing in Scalable FAPbBr<sub>3</sub> Perovskite Microcavities M. Krl, M. Oldfield, M. Wurdack, E. Estrecho, G. Beane, Y. Hou, A. G. Truscott, A. Schiffrin, E. A. Ostrovskaya
- 29. The index of lattice Dirac operators and K-theory S. Aoki, H. Fukaya, M. Furuta, S. Matsuo, T. Onogi, S. Yamaguchi
- 30. Universal clusters in quasi-two-dimensional ultracold Fermi mixtures R. Liu, T. Shi, M. Zaccanti, X. Cui
- 31. Engineering two-dimensional materials from single-layer NbS<sub>2</sub> T. Knispel, D. Mohrenstecher, C. Speckmann, A. Safeer, C. v. Efferen, V. Boix, A. Grneis, W. Jolie, A. Preobrajenski, J. Knudsen, N. Atodiresei, T. Michely, J. Fischer
- 32. A Bound on Topological Gap from Newton's Laws N. Batra, D. E. Feldman
- 33. Pulling order back from the brink of disorder: Observation of a nodal line spin liquid and fluctuation stabilized order in K<sub>2</sub>IrCl<sub>6</sub> Q. Wang, A. d. l. Torre, J. A. Rodriguez-Rivera, A. A. Podlesnyak, W. Tian, A. A. Aczel, M. Matsuda, P. J. Ryan, J. Kim, J. G. Rau, K. W. Plumb
- 34. Superfluidity and sound propagation in disordered Bose gases K. T. Geier, J. Maki, A. Biella, F. Dalfovo, S. Giorgini, S. Stringari

35. Supersolidity and Simplex Phases in Spin-1 Rydberg Atom Arrays V. S. Liu, M. Bintz, M. Block, R. Samajdar, J. Kemp, N. Y. Yao