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Ph.D. Student in Physics, admitted Autumn 2016

Publications

PUBLICATIONS

- **An optical lattice with sound.** *Nature*
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- **Enhancing Associative Memory Recall and Storage Capacity Using Confocal Cavity QED** *PHYSICAL REVIEW X*
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2021; 11 (2)
- **Dynamical Spin-Orbit Coupling of a Quantum Gas.** *Physical review letters*
Kroeze, R. M., Guo, Y., Lev, B. L.
2019; 123 (16): 160404
- **Sign-Changing Photon-Mediated Atom Interactions in Multimode Cavity Quantum Electrodynamics** *PHYSICAL REVIEW LETTERS*
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2019; 122 (19): 193601
- **Emergent and broken symmetries of atomic self-organization arising from Gouy phase shifts in multimode cavity QED** *PHYSICAL REVIEW A*
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- **Spinor Self-Ordering of a Quantum Gas in a Cavity.** *Physical review letters*
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- **Spinor Self-Ordering of a Quantum Gas in a Cavity** *PHYSICAL REVIEW LETTERS*
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- **Tunable-Range, Photon-Mediated Atomic Interactions in Multimode Cavity QED** *PHYSICAL REVIEW X*
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