Stanford

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Ph.D. Student in Applied Physics, admitted Autumn 2022

Publications

PUBLICATIONS

- **Stability, Degeneracy, and Scalability of a 600-Site Cavity Array Microscope** *PHYSICAL REVIEW X*
  Soper, A., Shadmany, D., Shaw, A. L., Palm, L., Schuster, D. I., Simon, J.
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- **A cavity-array microscope for parallel single-atom interfacing.** *Nature*
  Shaw, A. L., Soper, A., Shadmany, D., Kumar, A., Palm, L., Koh, D. Y., Kaxiras, V., Taneja, L., Jaffe, M., Schuster, D. I., Simon, J.
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- **Cavity QED in a high NA resonator.** *Science advances*
  Shadmany, D., Kumar, A., Soper, A., Palm, L., Yin, C., Ando, H., Li, B., Taneja, L., Jaffe, M., David, S., Simon, J.
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- **A cavity loadlock apparatus for next-generation quantum optics experiments.** *The Review of scientific instruments*
  Yin, C., Ando, H., Stone, M., Shadmany, D., Soper, A., Jaffe, M., Kumar, A., Simon, J.
  2023; 94 (8)