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Bio

STANFORD ADVISORS

- Shanhui Fan, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Free-electron crystals for enhanced X-ray radiation.** *Light, science & applications*
Wong, L. W., Shi, X., Karnieli, A., Lim, J., Kumar, S., Carbajo, S., Kaminer, I., Wong, L. J.
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- **Jaynes-Cummings interaction between low-energy free electrons and cavity photons.** *Science advances*
Karnieli, A., Fan, S.
2023; 9 (22): eadh2425
- **Quantum sensing of strongly coupled light-matter systems using free electrons.** *Science advances*
Karnieli, A., Tsesses, S., Yu, R., Rivera, N., Zhao, Z., Arie, A., Fan, S., Kaminer, I.
2023; 9 (1): eadd2349
- **Miniature light-driven nanophotonic electron acceleration and control** *ADVANCES IN OPTICS AND PHOTONICS*
Shiloh, R., Schoenenberger, N., Adiv, Y., Ruimy, R., Karnieli, A., Hughes, T., England, R., Leedle, K., Black, D. S., Zhao, Z., Musumeci, P., Byer, R., Arie, et al
2022; 14 (4): 862-930