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Ph.D. Student in Applied Physics, admitted Autumn 2016

Publications

PUBLICATIONS

- **Ultra-low-power second-order nonlinear optics on a chip.** *Nature communications*
McKenna, T. P., Stokowski, H. S., Ansari, V., Mishra, J., Jankowski, M., Sarabalis, C. J., Herrmann, J. F., Langrock, C., Fejer, M. M., Safavi-Naeini, A. H.
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- **Spectrally separable photon-pair generation in dispersion engineered thin-film lithium niobate** *OPTICS LETTERS*
Xin, C. J., Mishra, J., Chen, C., Zhu, D., Shams-Ansari, A., Langrock, C., Sinclair, N., Wong, F. C., Fejer, M. M., Loncar, M.
2022; 47 (11): 2830-2833
- **Dispersion-engineered $\chi^{(2)}$ nanophotonics: a flexible tool for nonclassical light** *JOURNAL OF PHYSICS-PHOTONICS*
Jankowski, M., Mishra, J., Fejer, M. M.
2021; 3 (4)
- **Mid-infrared nonlinear optics in thin-film lithium niobate on sapphire** *OPTICA*
Mishra, J., McKenna, T. P., Ng, E., Stokowski, H. S., Jankowski, M., Langrock, C., Heydari, D., Mabuchi, H., Fejer, M. M., Safavi-Naeini, A. H.
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- **Fully-Resonant Second Harmonic Generation in Periodically Poled Thin-Film Lithium Niobate**
McKenna, T. P., Stokowski, H. S., Ansari, V., Mishra, J., Jankowski, M., Sarabalis, C. J., Herrmann, J. F., Langrock, C., Fejer, M. M., Safavi-Naeini, A. H., IEEE
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- **Optical Parametric Oscillator in Thin-Film Lithium Niobate with a 130 μ W Threshold**
Stokowski, H. S., McKenna, T. P., Ansari, V., Mishra, J., Jankowski, M., Sarabalis, C. J., Herrmann, J. F., Langrock, C., Fejer, M. M., Safavi-Naeini, A. H., IEEE
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- **Mid-infrared nonlinear optics in thin-film lithium niobate on sapphire**
Mishra, J., McKenna, T. P., Ng, E., Stokowski, H. S., Jankowski, M., Langrock, C., Heydari, D., Mabuchi, H., Safavi-Naeini, A. H., Fejer, M. M., IEEE
IEEE.2021