

Jefferson Dixon

Ph.D. Student in Mechanical Engineering, admitted Winter 2018

Publications

PUBLICATIONS

- **Self-Isolated Raman Lasing with a Chiral Dielectric Metasurface.** *Physical review letters*
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- **High-Q nanophotonics: sculpting wavefronts with slow light** *NANOPHOTONICS*
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- **Driving energetically unfavorable dehydrogenation dynamics with plasmonics.** *Science (New York, N.Y.)*
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- **High quality factor phase gradient metasurfaces.** *Nature nanotechnology*
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- **Dynamic Focusing with High-Quality-Factor Metalenses.** *Nano letters*
Klopfer, E. n., Lawrence, M. n., Barton, D. R., Dixon, J. n., Dionne, J. A.
2020
- **Evaluation of a Silicon Sr-90 Betavoltaic Power Source** *SCIENTIFIC REPORTS*
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- **Sr Betavoltaic Power Source.** *Scientific reports*
Dixon, J., Rajan, A., Bohlemann, S., Coso, D., Upadhyaya, A. D., Rohatgi, A., Chu, S., Majumdar, A., Yee, S.
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- **Investigation of hydrogen induced fluorescence in C-60 and its potential use in luminescence down shifting applications** *NANOSCALE*
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