

Stanford



Yuki Kobayashi

Postdoctoral Scholar, Applied Physics

Bio

BIO

Urbanek-Chodorow Postdoctoral Fellow at Stanford PULSE Institute

HONORS AND AWARDS

- Urbanek-Chodorow Postdoctoral Fellowship, Stanford University (2020-2023)
- Funai Overseas Scholarship, Funai Foundation for Information and Technology (2015-2018)

PROFESSIONAL EDUCATION

- Ph.D, University of California, Berkeley , Chemistry (2020)
- B.S., University of Tokyo , Chemistry (2015)

STANFORD ADVISORS

- Tony Heinz, Postdoctoral Faculty Sponsor

LINKS

- <https://sites.google.com/view/yuki-kobayashi>: <https://sites.google.com/view/yuki-kobayashi>

Publications

PUBLICATIONS

- **Probing electron-hole coherence in strongly driven 2D materials using high-harmonic generation** *OPTICA*
Heide, C., Kobayashi, Y., Johnson, A. C., Liu, F., Heinz, T. F., Reis, D. A., Ghimire, S.
2022; 9 (5): 512-516
- **Visualizing coherent vibrational motion in the molecular iodine B- 3 Pi(0+u) state using ultrafast XUV transient-absorption spectroscopy** *PHYSICAL REVIEW A*
Poullain, S. M., Kobayashi, Y., Chang, K. F., Leone, S. R.
2021; 104 (2)
- **X-ray transient absorption reveals the 1Au (npi*) state of pyrazine in electronic relaxation.** *Nature communications*
Scutelnic, V., Tsuru, S., Papai, M., Yang, Z., Epshtein, M., Xue, T., Haugen, E., Kobayashi, Y., Krylov, A. I., Moller, K. B., Coriani, S., Leone, S. R.
2021; 12 (1): 5003