Stanford

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Publications

PUBLICATIONS

- **Programmable control of spatial transcriptome in live cells and neurons.** *Nature*
  Han, M., Fu, M. L., Zhu, Y., Choi, A. A., Li, E., Bezney, J., Cai, S., Miles, L., Ma, Y., Qi, L. S.
  2025

- **Programmable macromolecule delivery via engineered trogocytosis.** *Nature cell biology*
  Chen, X., Situ, Y., Yang, Y., Lyu, L., Han, M., Magni, L., Fu, M. L., Deng, B., Wang, S., Qi, L. S.
  2026

- **Programmable macromolecule delivery via engineered trogocytosis.** *bioRxiv : the preprint server for biology*
  Chen, X., Situ, Y., Yang, Y., Fu, M. L., Lyu, L., Qi, L. S.
  2025

- **Localized APP expression results in progressive network dysfunction by disorganizing spike timing.** *Neuron*
  Viana da Silva, S., Haberl, M. G., Gaur, K., Patel, R., Narayan, G., Ledakis, M., Fu, M. L., de Castro Vieira, M., Koo, E. H., Leutgeb, J. K., Leutgeb, S.
  2023

- **Precisely timed theta oscillations are selectively required during the encoding phase of memory** *NATURE NEUROSCIENCE*
  Quirk, C. R., Zutshi, I., Srikanth, S., Fu, M. L., Marciano, N., Wright, M. K., Parsey, D. F., Liu, S., Siretskiy, R. E., Huynh, T. L., Leutgeb, J. K., Leutgeb, S.
  2021; 24 (11): 1614-1627

- **Recurrent circuits within medial entorhinal cortex superficial layers support grid cell firing** *NATURE COMMUNICATIONS*
  Zutshi, I., Fu, M. L., Lilascharoen, V., Leutgeb, J. K., Lim, B., Leutgeb, S.
  2018; 9: 3701

- **Hippocampal Neural Circuits Respond to Optogenetic Pacing of Theta Frequencies by Generating Accelerated Oscillation Frequencies** *CURRENT BIOLOGY*
  Zutshi, I., Brandon, M. P., Fu, M. L., Donegan, M. L., Leutgeb, J. K., Leutgeb, S.
  2018; 28 (8): 1179-+