

Stanford

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Publications

PUBLICATIONS

- **Evaluating eligibility criteria of oncology trials using real-world data and AI.** *Nature*
Liu, R., Rizzo, S., Whipple, S., Pal, N., Pineda, A. L., Lu, M., Arnieri, B., Lu, Y., Capra, W., Copping, R., Zou, J.
2021
- **Modeling Spatial Correlation of Transcripts with Application to Developing Pancreas** *SCIENTIFIC REPORTS*
Liu, R., Mignardi, M., Jones, R., Enge, M., Kim, S. K., Quake, S. R., Zou, J.
2019; 9
- **Modeling Spatial Correlation of Transcripts with Application to Developing Pancreas.** *Scientific reports*
Liu, R., Mignardi, M., Jones, R., Enge, M., Kim, S. K., Quake, S. R., Zou, J.
2019; 9 (1): 5592
- **The Effects of Memory Replay in Reinforcement Learning**
Liu, R., Zou, J., IEEE
IEEE.2018: 478–85
- **Wide-Field Optical Microscopy of Microwave Fields Using Nitrogen-Vacancy Centers in Diamonds** *Advanced Optical Materials*
Shao, L., Liu, R., Zhang, M., Shneidman, A. V., Audier, X., Markham, M., Dhillon, H., Twitchen, D. J., Xiao, Y., Loncar, M.
2016; 4 (7): 1075–1080
- **Enhanced Raman scattering of single nanoparticles in a high-Q whispering-gallery microresonator** *PHYSICAL REVIEW A*
Liu, R., Jin, W., Yu, X., Liu, Y., Xiao, Y.
2015; 91 (4)
- **Cooling mechanical resonators to the quantum ground state from room temperature** *PHYSICAL REVIEW A*
Liu, Y., Liu, R., Dong, C., Li, Y., Gong, Q., Xiao, Y.
2015; 91 (1)