

Stanford

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Ph.D. Student in Bioengineering, admitted Autumn 2018

Publications

PUBLICATIONS

- **Sonogenetic control of multiplexed genome regulation and base editing.** *Nature communications*
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- **OMIP-095: 40-Color spectral flow cytometry delineates all major leukocyte populations in murine lymphoid tissues.** *Cytometry. Part A : the journal of the International Society for Analytical Cytology*
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2023
- **Combined near infrared photoacoustic imaging and ultrasound detects vulnerable atherosclerotic plaque.** *Biomaterials*
Schneider, M. K., Wang, J., Kare, A., Adkar, S. S., Salmi, D., Bell, C. F., Alsaigh, T., Wagh, D., Coller, J., Mayer, A., Snyder, S. J., Borowsky, A. D., Long, et al
2023; 302: 122314
- **Multiomic analysis for optimization of combined focal and immunotherapy protocols in murine pancreatic cancer.** *Theranostics*
Wang, J., Fite, B. Z., Kare, A. J., Wu, B., Raie, M., Tumbale, S. K., Zhang, N., Davis, R. R., Tepper, C. G., Aviran, S., Newman, A. M., King, D. A., Ferrara, et al
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- **Interleukin-2 superkines by computational design.** *Proceedings of the National Academy of Sciences of the United States of America*
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- **Pre-clinical evaluation of immunoPET imaging using agonist CD40 monoclonal antibody in pancreatic tumor-bearing mice.** *Nuclear medicine and biology*
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- **Immune modulation resulting from MR-guided high intensity focused ultrasound in a model of murine breast cancer.** *Scientific reports*
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2021; 11 (1): 927
- **In situ T-cell transfection by anti-CD3-conjugated lipid nanoparticles leads to T-cell activation, migration, and phenotypic shift.** *Biomaterials*
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2021; 281: 121339
- **Low-frequency ultrasound-mediated cytokine transfection enhances T cell recruitment at local and distant tumor sites.** *Proceedings of the National Academy of Sciences of the United States of America*
Ilovitsh, T. n., Feng, Y. n., Foiret, J. n., Kheirolomoom, A. n., Zhang, H. n., Ingham, E. S., Ilovitsh, A. n., Tumbale, S. K., Fite, B. Z., Wu, B. n., Raie, M. N., Zhang, N. n., Kare, et al
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