

David Li

Ph.D. Student in Bioengineering, admitted Autumn 2023

Publications

PUBLICATIONS

- **Disease-specific tau filaments assemble via polymorphic intermediates.** *Nature*
Lovestam, S., Li, D., Wagstaff, J. L., Kotecha, A., Kimanius, D., McLaughlin, S. H., Murzin, A. G., Freund, S. M., Goedert, M., Scheres, S. H.
2024; 625 (7993): 119-125
- **Modularity and diversity of target selectors in Tn7 transposons** *MOLECULAR CELL*
Faure, G., Saito, M., Benler, S., Peng, I., Wolf, Y. I., Strecker, J., Altae-Tran, H., Neumann, E., Li, D., Makarova, K. S., Macrae, R. K., V. Koonin, E., Zhang, et al
2023; 83 (12): 2122-+
- **RNA-activated protein cleavage with a CRISPR-associated endopeptidase** *SCIENCE*
Strecker, J., Demircioglu, F., Li, D., Faure, G., Wilkinson, M. E., Gootenberg, J. S., Abudayyeh, O. O., Nishimasu, H., Macrae, R. K., Zhang, F.
2022; 378 (6622): 874-881
- **A CRISPR-based assay for the study of eukaryotic DNA repair onboard the International Space Station** *PLOS ONE*
Stahl-Rommel, S., Li, D., Sung, M., Li, R., Vijayakumar, A., Atabay, K., Bushkin, G., Castro, C. L., Foley, K. D., Copeland, D., Castro-Wallace, S. L., Saavedra, E., Gleason, et al
2021; 16 (6): e0253403
- **LAMP-Seq enables sensitive, multiplexed COVID-19 diagnostics using molecular barcoding** *NATURE BIOTECHNOLOGY*
Ludwig, K. U., Schmithausen, R. M., Li, D., Jacobs, M. L., Hollstein, R., Blumenstock, K., Liebing, J., Slabicki, M., Ben-Shmuel, A., Israeli, O., Weiss, S., Ebert, T. S., Paran, et al
2021; 39 (12): 1556-+
- **Highly Parallel Profiling of Cas9 Variant Specificity** *MOLECULAR CELL*
Schmid-Burgk, J. L., Gao, L., Li, D., Gardner, Z., Strecker, J., Lash, B., Zhang, F.
2020; 78 (4): 794-+