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Publications

PUBLICATIONS

- **Light-Inducible Activation of TrkA for Probing Chronic Pain in Mice** *ACS CHEMICAL BIOLOGY*
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2024
- **STEM Pride: Perspectives from transgender, nonbinary, and genderqueer scientists** *CELL*
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2021; 184 (13): 3352-3355
- **Optical Activation of TrkB Signaling.** *Journal of molecular biology*
Huang, P., Liu, A., Song, Y., Hope, J. M., Cui, B., Duan, L.
2020
- **Construction of Light-Activated Neurotrophin Receptors Using the Improved Light-Induced Dimerizer (iLID).** *Journal of molecular biology*
Hope, J. M., Liu, A., Calvin, G. J., Cui, B.
2020
- **Optical Activation of TrkA Signaling.** *ACS synthetic biology*
Duan, L., Hope, J. M., Guo, S., Ong, Q., Francois, A., Kaplan, L., Scherrer, G., Cui, B.
2018
- **Optical Activation of TrkA Signaling** *ACS SYNTHETIC BIOLOGY*
Duan, L., Hope, J. M., Guo, S., Ong, Q., Francois, A., Kaplan, L., Scherrer, G., Cui, B.
2018; 7 (7): 1685-1693
- **Understanding CRY2 interactions for optical control of intracellular signaling** *NATURE COMMUNICATIONS*
Duan, L., Hope, J., Ong, Q., Lou, H., Kim, N., McCarthy, C., Acero, V., Lin, M. Z., Cui, B.
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