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 NIH Biosketch available Online

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STANFORD ADVISORS

- Yaping Liao, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Optineurin-facilitated axonal mitochondria delivery promotes neuroprotection and axon regeneration.** *Nature communications*
Liu, D., Webber, H. C., Bian, F., Xu, Y., Prakash, M., Feng, X., Yang, M., Yang, H., You, I. J., Li, L., Liu, L., Liu, P., Huang, et al
2025; 16 (1): 1789
- **A novel function of optineurin in axonal mitochondria transport for axon integrity and regeneration**
Hu, Y., Liu, D., Webber, H., Bian, F., Prakash, M., Li, L., You, I., Feng, X., Yang, H., Liu, L., Liu, P., Yang, M., Huang, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **Role of methylglyoxal on retinal changes and neuronal loss in a photochemically induced animal model of anterior ischemic optic neuropathy**
Ahmed, T., Shariati, A., Liu, L., Liao, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **Proteomics Biomarkers of Optic Nerve Stroke with and without Optic Disc Drusen**
Alkhabaz, A., Kaushal, K., Liu, L., Liao, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **Visual Cortex Stimulation Preserves Vision function and Enhances Synaptic Plasticity in the Lateral Geniculate Nucleus in AION mouse model**
Jia, X., Shariati, A., Liu, L., Liang, J., Liao, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **Multomics Analysis Illuminates the Molecular Basis of Autosomal Dominant Optic Disc Drusen**
Kaushal, K., Liu, L., Patel, H., Kumar, A., Pugazhendhi, S., Oses-Prieto, J. A., Shariati, M., Dai, Y., Burlingame, A., Liao, Y.
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- **Perivascular neurons instruct 3D vascular lattice formation via neurovascular contact.** *Cell*
Toma, K., Zhao, M., Zhang, S., Wang, F., Graham, H. K., Zou, J., Modgil, S., Shang, W. H., Tsai, N. Y., Cai, Z., Liu, L., Hong, G., Kriegstein, et al
2024
- **Optineurin-facilitated axonal mitochondria delivery promotes neuroprotection and axon regeneration.** *bioRxiv : the preprint server for biology*
Liu, D., Webber, H. C., Bian, F., Xu, Y., Prakash, M., Feng, X., Yang, M., Yang, H., You, I., Li, L., Liu, L., Liu, P., Huang, et al
2024

- **Differential effects of SARM1 inhibition in traumatic glaucoma and EAE optic neuropathies.** *Molecular therapy. Nucleic acids*
Liu, P., Chen, W., Jiang, H., Huang, H., Liu, L., Fang, F., Li, L., Feng, X., Liu, D., Dalal, R., Sun, Y., Jafar-Nejad, P., Ling, et al
2023; 32: 13-27