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Publications

PUBLICATIONS

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- **Beyond the MUN domain, Munc13 controls priming and depriming of synaptic vesicles.** *Cell reports*
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- **A new method for isolation and purification of fusion-competent inhibitory synaptic vesicles.** *Current research in physiology*
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- **Neutral lysophosphatidylcholine mediates alpha-synuclein-induced synaptic vesicle clustering.** *Proceedings of the National Academy of Sciences of the United States of America*
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- **The core complex of the Ca²⁺-triggered presynaptic fusion machinery.** *Journal of molecular biology*
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- **A feature-guided, focused 3D signal permutation method for subtomogram averaging.** *Journal of structural biology*
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- **Screening of Hydrocarbon-Stapled Peptides for Inhibition of Calcium-Triggered Exocytosis.** *Frontiers in pharmacology*
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- **Molecular Characterization of AMPA-Receptor-Containing Vesicles.** *Frontiers in molecular neuroscience*
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- **The pre-synaptic fusion machinery.** *Current opinion in structural biology*
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- **The pre-synaptic fusion machinery** *CURRENT OPINION IN STRUCTURAL BIOLOGY*
Brunger, A. T., Choi, U. B., Lai, Y., Leitz, J., White, K., Zhou, Q.
2019; 54: 179–88
- **Ca²⁺-Triggered Synaptic Vesicle Fusion Initiated by Release of Inhibition.** *Trends in cell biology*

Brunger, A. T., Leitz, J. n., Zhou, Q. n., Choi, U. B., Lai, Y. n.
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● **Molecular Mechanisms of Fast Neurotransmitter Release** *ANNUAL REVIEW OF BIOPHYSICS, VOL 47*

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● **Molecular Mechanisms of Synaptic Vesicle Priming by Munc13 and Munc18** *NEURON*

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