Synaptotagmin-1 interacts with PI(4,5)P2 to initiate synaptic vesicle docking in hippocampal neurons

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#	Paper	IF	Citations
15	Truncation of the otoferlin transmembrane domain alters the development of hair cells and reduces membrane docking. *Molecular Biology of the Cell*, **2021**, 32, 1293-1305	3.5	0
14	Allosteric stabilization of calcium and lipid binding engages three synaptotagmins in fast exocytosis.		
13	Forces, Kinetics, and Fusion Efficiency Altered by the Full-Length Synaptotagmin-1 -PI(4,5)P Interaction in Constrained Geometries. *Nano Letters*, **2021**,	11.5	0
12	Syntaxin-1A modulates vesicle fusion in mammalian neurons via juxtamembrane domain dependent palmitoylation of its transmembrane domain.		
11	Munc13 supports vesicle fusogenicity after disrupting active zone scaffolds and synaptic vesicle docking.		0
10	Toxicity evaluation of pyraclostrobin exposure in farmland soils and co-exposure with nZnO to Eisenia fetida.. *Journal of Hazardous Materials*, **2022**, 433, 128794	12.8	0
9	Synaptic vesicle-bound molecular bridges organize sequential vesicle states along parallel pathways.		0
8	Phosphoinositides as membrane organizers.. *Nature Reviews Molecular Cell Biology*, **2022**,	48.7	9
7	Synaptotagmin 7 docks synaptic vesicles for Doc2□triggered asynchronous neurotransmitter release.		0
6	Syntaxin-1A modulates vesicle fusion in mammalian neurons via juxtamembrane domain dependent palmitoylation of its transmembrane domain. *ELife*, 11,	8.9	1
5	Allosteric stabilization of calcium and phosphoinositide dual binding engages several synaptotagmins in fast exocytosis. 11,		0
4	Vesicle trafficking and vesicle fusion: mechanisms, biological functions, and their implications for potential disease therapy. **2022**, 3,		0
3	Synaptotagmin rings as high-sensitivity regulators of synaptic vesicle docking and fusion. **2022**, 119,		0
2	Munc13 supports fusogenicity of non-docked vesicles at synapses with disrupted active zones. 11,		0
1	A de novo missense mutation in synaptotagmin-1 associated with neurodevelopmental disorder desynchronizes neurotransmitter release.		0