

Josep Rizo

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#	Paper	IF	Citations
151	Mixed lineage kinase domain-like protein MLKL causes necrotic membrane disruption upon phosphorylation by RIP3. <i>Molecular Cell</i> , 2014 , 54, 133-146	17.6	899
150	Synaptotagmin I functions as a calcium regulator of release probability. <i>Nature</i> , 2001 , 410, 41-9	50.4	731
149	C2-domains, structure and function of a universal Ca ²⁺ -binding domain. <i>Journal of Biological Chemistry</i> , 1998 , 273, 15879-82	5.4	655
148	Snares and Munc18 in synaptic vesicle fusion. <i>Nature Reviews Neuroscience</i> , 2002 , 3, 641-53	13.5	433
147	Synaptotagmins: C2-domain proteins that regulate membrane traffic. <i>Neuron</i> , 1996 , 17, 379-88	13.9	409
146	RIM proteins tether Ca ²⁺ channels to presynaptic active zones via a direct PDZ-domain interaction. <i>Cell</i> , 2011 , 144, 282-95	56.2	399
145	Synaptic vesicle fusion. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 665-74	17.6	390
144	A broken alpha-helix in folded alpha-Synuclein. <i>Journal of Biological Chemistry</i> , 2003 , 278, 15313-8	5.4	376
143	A complexin/synaptotagmin 1 switch controls fast synaptic vesicle exocytosis. <i>Cell</i> , 2006 , 126, 1175-87	56.2	349
142	Constrained peptides: models of bioactive peptides and protein substructures. <i>Annual Review of Biochemistry</i> , 1992 , 61, 387-418	29.1	337
141	Three-dimensional structure of the complexin/SNARE complex. <i>Neuron</i> , 2002 , 33, 397-409	13.9	327
140	Synaptic vesicle exocytosis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011 , 3,	10.2	316
139	Three-dimensional structure of the synaptotagmin 1 C2B-domain: synaptotagmin 1 as a phospholipid binding machine. <i>Neuron</i> , 2001 , 32, 1057-69	13.9	312
138	The membrane fusion enigma: SNAREs, Sec1/Munc18 proteins, and their accomplices--guilty as charged?. <i>Annual Review of Cell and Developmental Biology</i> , 2012 , 28, 279-308	12.6	304
137	Three-dimensional structure of an evolutionarily conserved N-terminal domain of syntaxin 1A. <i>Cell</i> , 1998 , 94, 841-9	56.2	268
136	Reconstitution of the vital functions of Munc18 and Munc13 in neurotransmitter release. <i>Science</i> , 2013 , 339, 421-5	33.3	261
135	The Mad2 spindle checkpoint protein undergoes similar major conformational changes upon binding to either Mad1 or Cdc20. <i>Molecular Cell</i> , 2002 , 9, 59-71	17.6	260

134	Munc18-1 binds directly to the neuronal SNARE complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 2697-702	11.5	257
133	Ca ²⁺ binding to synaptotagmin: how many Ca ²⁺ ions bind to the tip of a C2-domain?. <i>EMBO Journal</i> , 1998 , 17, 3921-30	13	247
132	The Mad2 spindle checkpoint protein has two distinct natively folded states. <i>Nature Structural and Molecular Biology</i> , 2004 , 11, 338-45	17.6	234
131	Munc13 mediates the transition from the closed syntaxin-Munc18 complex to the SNARE complex. <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 542-9	17.6	223
130	The Synaptic Vesicle Release Machinery. <i>Annual Review of Biophysics</i> , 2015 , 44, 339-67	21.1	214
129	Conformational switch of syntaxin-1 controls synaptic vesicle fusion. <i>Science</i> , 2008 , 321, 1507-10	33.3	210
128	Unraveling the mechanisms of synaptotagmin and SNARE function in neurotransmitter release. <i>Trends in Cell Biology</i> , 2006 , 16, 339-50	18.3	209
127	Close membrane-membrane proximity induced by Ca ²⁺ -dependent multivalent binding of synaptotagmin-1 to phospholipids. <i>Nature Structural and Molecular Biology</i> , 2006 , 13, 209-17	17.6	205
126	Synaptotagmin-syntaxin interaction: the C2 domain as a Ca ²⁺ -dependent electrostatic switch. <i>Neuron</i> , 1997 , 18, 133-42	13.9	204
125	Solution structures of the Ca ²⁺ -free and Ca ²⁺ -bound C2A domain of synaptotagmin I: does Ca ²⁺ induce a conformational change?. <i>Biochemistry</i> , 1998 , 37, 16106-15	3.2	201
124	Antibacterial membrane attack by a pore-forming intestinal C-type lectin. <i>Nature</i> , 2014 , 505, 103-7	50.4	200
123	A Munc13/RIM/Rab3 tripartite complex: from priming to plasticity?. <i>EMBO Journal</i> , 2005 , 24, 2839-50	13	186
122	Conformation-specific binding of p31(comet) antagonizes the function of Mad2 in the spindle checkpoint. <i>EMBO Journal</i> , 2004 , 23, 3133-43	13	167
121	Munc13 C2B domain is an activity-dependent Ca ²⁺ regulator of synaptic exocytosis. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 280-8	17.6	163
120	Mechanism of phospholipid binding by the C2A-domain of synaptotagmin I. <i>Biochemistry</i> , 1998 , 37, 12395-403	3.2	162
119	Sly1 binds to Golgi and ER syntaxins via a conserved N-terminal peptide motif. <i>Developmental Cell</i> , 2002 , 2, 295-305	10.2	159
118	p31comet blocks Mad2 activation through structural mimicry. <i>Cell</i> , 2007 , 131, 744-55	56.2	157
117	Distinct domains of complexin I differentially regulate neurotransmitter release. <i>Nature Structural and Molecular Biology</i> , 2007 , 14, 949-58	17.6	155

116	A minimal domain responsible for Munc13 activity. <i>Nature Structural and Molecular Biology</i> , 2005 , 12, 1017-8	17.6	150
115	How Tlg2p/syntaxin 16 SnaresSVps45. <i>EMBO Journal</i> , 2002 , 21, 3620-31	13	145
114	A plug release mechanism for membrane permeation by MLKL. <i>Structure</i> , 2014 , 22, 1489-500	5.2	140
113	The evolutionary pressure to inactivate. A subclass of synaptotagmins with an amino acid substitution that abolishes Ca ²⁺ binding. <i>Journal of Biological Chemistry</i> , 1997 , 272, 14314-9	5.4	138
112	Selective interaction of complexin with the neuronal SNARE complex. Determination of the binding regions. <i>Journal of Biological Chemistry</i> , 2000 , 275, 19808-18	5.4	134
111	Genetic analysis of synaptotagmin 2 in spontaneous and Ca ²⁺ -triggered neurotransmitter release. <i>EMBO Journal</i> , 2006 , 25, 2039-50	13	132
110	At the junction of SNARE and SM protein function. <i>Current Opinion in Cell Biology</i> , 2010 , 22, 488-95	9	127
109	Munc18-1 binding to the neuronal SNARE complex controls synaptic vesicle priming. <i>Journal of Cell Biology</i> , 2009 , 184, 751-64	7.3	126
108	Vam3p structure reveals conserved and divergent properties of syntaxins. <i>Nature Structural Biology</i> , 2001 , 8, 258-64		120
107	SNARE-mediated lipid mixing depends on the physical state of the vesicles. <i>Biophysical Journal</i> , 2006 , 90, 2062-74	2.9	115
106	Dual modes of Munc18-1/SNARE interactions are coupled by functionally critical binding to syntaxin-1 N terminus. <i>Journal of Neuroscience</i> , 2007 , 27, 12147-55	6.6	110
105	The C2B domain of synaptotagmin I is a Ca ²⁺ -binding module. <i>Biochemistry</i> , 2001 , 40, 5854-60	3.2	106
104	Structure/function analysis of Ca ²⁺ binding to the C2A domain of synaptotagmin 1. <i>Journal of Neuroscience</i> , 2002 , 22, 8438-46	6.6	104
103	Syntaxin opening by the MUN domain underlies the function of Munc13 in synaptic-vesicle priming. <i>Nature Structural and Molecular Biology</i> , 2015 , 22, 547-54	17.6	103
102	Dynamic binding mode of a Synaptotagmin-1-SNARE complex in solution. <i>Nature Structural and Molecular Biology</i> , 2015 , 22, 555-64	17.6	99
101	A quaternary SNARE-synaptotagmin-Ca ²⁺ -phospholipid complex in neurotransmitter release. <i>Journal of Molecular Biology</i> , 2007 , 367, 848-63	6.5	98
100	The Janus-faced nature of the C(2)B domain is fundamental for synaptotagmin-1 function. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 1160-8	17.6	97
99	Mechanism of neurotransmitter release coming into focus. <i>Protein Science</i> , 2018 , 27, 1364-1391	6.3	96

98	Phosphatidylinositol phosphates as co-activators of Ca ²⁺ binding to C2 domains of synaptotagmin 1. <i>Journal of Biological Chemistry</i> , 2006 , 281, 15845-52	5.4	90
97	Rabphilin regulates SNARE-dependent re-priming of synaptic vesicles for fusion. <i>EMBO Journal</i> , 2006 , 25, 2856-66	13	88
96	Binding of the complexin N terminus to the SNARE complex potentiates synaptic-vesicle fusogenicity. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 568-75	17.6	87
95	Cyclic pentapeptides as models for reverse turns: determination of the equilibrium distribution between type I and type II conformations of Pro-Asn and Pro-Ala beta-turns. <i>Biopolymers</i> , 1990 , 29, 263-87	3.2	87
94	Structural basis for a Munc13-1 homodimer to Munc13-1/RIM heterodimer switch. <i>PLoS Biology</i> , 2006 , 4, e192	9.7	84
93	Convergence and divergence in the mechanism of SNARE binding by Sec1/Munc18-like proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 32-7	11.5	83
92	Binding of the Munc13-1 MUN domain to membrane-anchored SNARE complexes. <i>Biochemistry</i> , 2008 , 47, 1474-81	3.2	80
91	Structural basis for the evolutionary inactivation of Ca ²⁺ binding to synaptotagmin 4. <i>Nature Structural and Molecular Biology</i> , 2004 , 11, 844-9	17.6	80
90	The LDL receptor clustering motif interacts with the clathrin terminal domain in a reverse turn conformation. <i>Journal of Cell Biology</i> , 1998 , 142, 59-67	7.3	80
89	Differential but convergent functions of Ca ²⁺ binding to synaptotagmin-1 C2 domains mediate neurotransmitter release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 16469-74	11.5	77
88	Genetic analysis of synaptotagmin-7 function in synaptic vesicle exocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 3986-91	11.5	77
87	Binding of Munc18-1 to synaptobrevin and to the SNARE four-helix bundle. <i>Biochemistry</i> , 2010 , 49, 1568-76	3.6	76
86	A conformational switch in the Piccolo C2A domain regulated by alternative splicing. <i>Nature Structural and Molecular Biology</i> , 2004 , 11, 45-53	17.6	74
85	Insights into mad2 regulation in the spindle checkpoint revealed by the crystal structure of the symmetric mad2 dimer. <i>PLoS Biology</i> , 2008 , 6, e50	9.7	71
84	Synaptotagmin function in dense core vesicle exocytosis studied in cracked PC12 cells. <i>Nature Neuroscience</i> , 2002 , 5, 649-56	25.5	71
83	NMR analysis of the structure of synaptobrevin and of its interaction with syntaxin. <i>Journal of Biomolecular NMR</i> , 1999 , 14, 203-7	3	69
82	The crystal structure of a Munc13 C-terminal module exhibits a remarkable similarity to vesicle tethering factors. <i>Structure</i> , 2011 , 19, 1443-55	5.2	68
81	Mechanistic insights into neurotransmitter release and presynaptic plasticity from the crystal structure of Munc13-1 CCBMUN. <i>ELife</i> , 2017 , 6,	8.9	68

80	Functional synergy between the Munc13 C-terminal C1 and C2 domains. <i>ELife</i> , 2016 , 5,	8.9	63
79	Structure of the Janus-faced C2B domain of rabphilin. <i>Nature Cell Biology</i> , 1999 , 1, 106-12	23.4	60
78	Remote homology between Munc13 MUN domain and vesicle tethering complexes. <i>Journal of Molecular Biology</i> , 2009 , 391, 509-17	6.5	59
77	Conformation of a heptapeptide substrate bound to protein farnesyltransferase. <i>Biochemistry</i> , 1993 , 32, 12586-90	3.2	59
76	Cavity formation before stable hydrogen bonding in the folding of a beta-clam protein. <i>Nature Structural and Molecular Biology</i> , 1997 , 4, 883-6	17.6	58
75	Complexin/synaptotagmin interplay controls acrosomal exocytosis. <i>Journal of Biological Chemistry</i> , 2007 , 282, 26335-43	5.4	58
74	A cascade of multiple proteins and lipids catalyzes membrane fusion. <i>Molecular Biology of the Cell</i> , 2017 , 28, 707-711	3.5	51
73	KDM4/JMJD2 Histone Demethylase Inhibitors Block Prostate Tumor Growth by Suppressing the Expression of AR and BMYB-Regulated Genes. <i>Chemistry and Biology</i> , 2015 , 22, 1185-96		51
72	The N-terminal domains of syntaxin 7 and vti1b form three-helix bundles that differ in their ability to regulate SNARE complex assembly. <i>Journal of Biological Chemistry</i> , 2002 , 277, 36449-56	5.4	51
71	Computed structures of core eukaryotic protein complexes. <i>Science</i> , 2021 , 374, eabm4805	33.3	51
70	Re-examining how complexin inhibits neurotransmitter release. <i>ELife</i> , 2014 , 3, e02391	8.9	49
69	Intramolecular occlusion of the diacylglycerol-binding site in the C1 domain of munc13-1. <i>Biochemistry</i> , 2005 , 44, 1089-96	3.2	48
68	Heterodimerization of Munc13 CA domain with RIM regulates synaptic vesicle docking and priming. <i>Nature Communications</i> , 2017 , 8, 15293	17.4	46
67	NMR analysis of the closed conformation of syntaxin-1. <i>Journal of Biomolecular NMR</i> , 2008 , 41, 43-54	3	44
66	Functional analysis of conserved structural elements in yeast syntaxin Vam3p. <i>Journal of Biological Chemistry</i> , 2001 , 276, 28598-605	5.4	43
65	Prevalent mechanism of membrane bridging by synaptotagmin-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E3243-52	11.5	42
64	Facile detection of protein-protein interactions by one-dimensional NMR spectroscopy. <i>Biochemistry</i> , 2003 , 42, 2774-80	3.2	42
63	Preparation and Characterization of Stable β Synuclein Lipoprotein Particles. <i>Journal of Biological Chemistry</i> , 2016 , 291, 8516-27	5.4	40

62	Evidence for SNARE zippering during Ca ²⁺ -triggered exocytosis in PC12 cells. <i>Neuropharmacology</i> , 2003 , 45, 777-86	5.5	40
61	Measurement of One Bond Dipolar Couplings through Lanthanide-Induced Orientation of a Calcium-Binding Protein. <i>Journal of the American Chemical Society</i> , 1999 , 121, 8947-8948	16.4	40
60	Membrane bridging by Munc13-1 is crucial for neurotransmitter release. <i>ELife</i> , 2019 , 8,	8.9	40
59	Autoinhibition of Munc18-1 modulates synaptobrevin binding and helps to enable Munc13-dependent regulation of membrane fusion. <i>ELife</i> , 2017 , 6,	8.9	39
58	¹ H and ¹⁵ N resonance assignments and secondary structure of cellular retinoic acid-binding protein with and without bound ligand. <i>Journal of Biomolecular NMR</i> , 1994 , 4, 741-60	3	38
57	Reluctance to membrane binding enables accessibility of the synaptobrevin SNARE motif for SNARE complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 12723-8	11.5	36
56	Solution structure of the Vam7p PX domain. <i>Biochemistry</i> , 2002 , 41, 5956-62	3.2	36
55	Conformational analysis of a highly potent, constrained gonadotropin-releasing hormone antagonist. 1. Nuclear magnetic resonance. <i>Journal of the American Chemical Society</i> , 1992 , 114, 2852-2859	16.4	36
54	RIM CB Domains Target Presynaptic Active Zone Functions to PIP-Containing Membranes. <i>Neuron</i> , 2018 , 98, 335-349.e7	13.9	35
53	Three-dimensional structure of an independently folded extracellular domain of human amyloid-beta precursor protein. <i>Biochemistry</i> , 2004 , 43, 9583-8	3.2	34
52	Role of electrostatic and hydrophobic interactions in Ca ²⁺ -dependent phospholipid binding by the C(2)A-domain from synaptotagmin I. <i>Diabetes</i> , 2002 , 51 Suppl 1, S12-8	0.9	34
51	Structure and Ca ²⁺ -binding properties of the tandem C ₂ domains of E-Syt2. <i>Structure</i> , 2014 , 22, 269-80	5.2	33
50	Subtle Interplay between synaptotagmin and complexin binding to the SNARE complex. <i>Journal of Molecular Biology</i> , 2013 , 425, 3461-75	6.5	33
49	Consensus bioactive conformation of cyclic GnRH antagonists defined by NMR and molecular modeling. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 819-28	8.3	33
48	Solution structure of the RIM1alpha PDZ domain in complex with an ELKS1b C-terminal peptide. <i>Journal of Molecular Biology</i> , 2005 , 352, 455-66	6.5	29
47	Unexpected Ca ²⁺ -binding properties of synaptotagmin 9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 2554-9	11.5	29
46	Multiple factors maintain assembled trans-SNARE complexes in the presence of NSF and SNAP. <i>ELife</i> , 2019 , 8,	8.9	28
45	The relation of protein binding to function: what is the significance of munc18 and synaptotagmin binding to syntaxin 1, and where are the corresponding binding sites?. <i>European Journal of Cell Biology</i> , 2000 , 79, 377-82	6.1	27

44	Endocytosis of synaptotagmin 1 is mediated by a novel, tryptophan-containing motif. <i>Traffic</i> , 2003 , 4, 468-78	5.7	25
43	Enlightening molecular mechanisms through study of protein interactions. <i>Journal of Molecular Cell Biology</i> , 2012 , 4, 270-83	6.3	23
42	Structural and mutational analysis of functional differentiation between synaptotagmins-1 and -7. <i>PLoS ONE</i> , 2010 , 5, e12544	3.7	23
41	Three-dimensional structure of the rSly1 N-terminal domain reveals a conformational change induced by binding to syntaxin 5. <i>Journal of Molecular Biology</i> , 2005 , 346, 589-601	6.5	22
40	NMR measurement of the off rate from the first calcium-binding site of the synaptotagmin I C2A domain. <i>FEBS Letters</i> , 2002 , 516, 93-6	3.8	22
39	Exceptionally tight membrane-binding may explain the key role of the synaptotagmin-7 CA domain in asynchronous neurotransmitter release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E8518-E8527	11.5	21
38	Analysis of SNARE complex/synaptotagmin-1 interactions by one-dimensional NMR spectroscopy. <i>Biochemistry</i> , 2013 , 52, 3446-56	3.2	21
37	Munc18-1 is crucial to overcome the inhibition of synaptic vesicle fusion by SNAP. <i>Nature Communications</i> , 2019 , 10, 4326	17.4	20
36	Histone lysine demethylase KDM4B regulates the alternative splicing of the androgen receptor in response to androgen deprivation. <i>Nucleic Acids Research</i> , 2019 , 47, 11623-11636	20.1	20
35	The top loops of the C(2) domains from synaptotagmin and phospholipase A(2) control functional specificity. <i>Journal of Biological Chemistry</i> , 2001 , 276, 32288-92	5.4	20
34	Are neuronal SNARE proteins Ca ²⁺ sensors?. <i>Journal of Molecular Biology</i> , 2005 , 347, 145-58	6.5	19
33	UNC-18 and Tomosyn Antagonistically Control Synaptic Vesicle Priming Downstream of UNC-13 in. <i>Journal of Neuroscience</i> , 2017 , 37, 8797-8815	6.6	18
32	Crystal structure of the RIM2 C2A-domain at 1.4 Å resolution. <i>Biochemistry</i> , 2005 , 44, 13533-42	3.2	18
31	Impact of a micellar environment on the conformations of two cyclic pentapeptides. <i>Biopolymers</i> , 1992 , 32, 1741-54	2.2	17
30	Crystal structure of the RIM1α C2B domain at 1.7 Å resolution. <i>Biochemistry</i> , 2007 , 46, 8988-98	3.2	16
29	Membrane bridging and hemifusion by denaturated Munc18. <i>PLoS ONE</i> , 2011 , 6, e22012	3.7	15
28	A Novel Conformation in a Highly Potent, Constrained Gonadotropin-Releasing Hormone Antagonist. <i>Journal of the American Chemical Society</i> , 1996 , 118, 970-976	16.4	14
27	Ca-dependent release of synaptotagmin-1 from the SNARE complex on phosphatidylinositol 4,5-bisphosphate-containing membranes. <i>ELife</i> , 2020 , 9,	8.9	14

26	A partially disordered region connects gene repression and activation functions of EZH2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16992-17002	11.5	13
25	NMR structure and calcium-binding properties of the tellurite resistance protein TerD from <i>Klebsiella pneumoniae</i> . <i>Journal of Molecular Biology</i> , 2011 , 405, 1188-201	6.5	13
24	Simultaneous lipid and content mixing assays for in vitro reconstitution studies of synaptic vesicle fusion. <i>Nature Protocols</i> , 2017 , 12, 2014-2028	18.8	12
23	Assignment of the ¹ H, ¹⁵ N and ¹³ C resonances of the calcium-free and calcium-bound forms of the first C2-domain of synaptotagmin I. <i>Journal of Biomolecular NMR</i> , 1997 , 10, 307-8	3	11
22	Structural and mechanistic insights into secretagogin-mediated exocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6559-6570	11.5	9
21	Re-examining how Munc13-1 facilitates opening of syntaxin-1. <i>Protein Science</i> , 2020 , 29, 1440-1458	6.3	9
20	Cell biology. Staging membrane fusion. <i>Science</i> , 2012 , 337, 1300-1	33.3	9
19	Reconciling isothermal titration calorimetry analyses of interactions between complexin and truncated SNARE complexes. <i>ELife</i> , 2017 , 6,	8.9	8
18	Sequence-specific assignment of methyl groups from the neuronal SNARE complex using lanthanide-induced pseudocontact shifts. <i>Journal of Biomolecular NMR</i> , 2016 , 66, 281-293	3	8
17	Roles of the fission yeast UNC-13/Munc13 protein Ync13 in late stages of cytokinesis. <i>Molecular Biology of the Cell</i> , 2018 , 29, 2259-2279	3.5	7
16	Synaptotagmin-1 and Doc2b Exhibit Distinct Membrane-Remodeling Mechanisms. <i>Biophysical Journal</i> , 2020 , 118, 643-656	2.9	7
15	Molecular Mechanisms Underlying Neurotransmitter Release.. <i>Annual Review of Biophysics</i> , 2022 ,	21.1	7
14	Illuminating membrane fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 19611-2	11.5	6
13	Synaptotagmin-1-, Munc18-1-, and Munc13-1-dependent liposome fusion with a few neuronal SNAREs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
12	Synaptic vesicle fusion without SNARE transmembrane regions. <i>Developmental Cell</i> , 2013 , 27, 124-126	10.2	4
11	Control of neurotransmitter release by two distinct membrane-binding faces of the Munc13-1 CCB region. <i>ELife</i> , 2021 , 10,	8.9	4
10	Open syntaxin overcomes exocytosis defects of diverse mutants in <i>C. elegans</i> . <i>Nature Communications</i> , 2020 , 11, 5516	17.4	4
9	A dynamic t-SNARE complex. <i>Structure</i> , 2008 , 16, 163-5	5.2	3

8	Author response: Membrane bridging by Munc13-1 is crucial for neurotransmitter release 2019 ,		2
7	Ca ²⁺ -binding mode of the C2A-domain of synaptotagmin. <i>Methods in Molecular Biology</i> , 2002 , 172, 305-16	1.4	1
6	Synaptotagmin-1 and Doc2b exhibit distinct membrane remodeling mechanisms		1
5	Molecular machinery turns full circle. <i>ELife</i> , 2021 , 10,	8.9	1
4	Poly-glutamine-dependent self-association as a potential mechanism for regulation of androgen receptor activity.. <i>PLoS ONE</i> , 2022 , 17, e0258876	3.7	0
3	Evaluation of the tert-butyl group as a probe for NMR studies of macromolecular complexes. <i>Journal of Biomolecular NMR</i> , 2021 , 75, 347-363	3	0
2	Analysis of asymmetry in lipid and content mixing assays with reconstituted proteoliposomes containing the neuronal SNAREs. <i>Scientific Reports</i> , 2020 , 10, 2907	4.9	
1	C2-Domains in Ca ²⁺ -Signaling 2003 , 95-100		