F Gisou Van Der Goot

List of Publications by Year in Descending Order

176 papers	15,850 citations	63 h-index	124 g-index
214 ext. papers	17,834 ext. citations	9.8 avg, IF	6.46 L-index

#	Paper	IF	Citations
176	Local and substrate-specific S-palmitoylation determines subcellular localization of Gƀ.. *Nature Communications*, **2022**, 13, 2072	17.4	2
175	S-acylation by ZDHHC20 targets ORAI1 channels to lipid rafts for efficient Ca signaling by Jurkat T cell receptors at the immune synapse.. *ELife*, **2021**, 10,	8.9	3
174	S-acylation controls SARS-CoV-2 membrane lipid organization and enhances infectivity. *Developmental Cell*, **2021**, 56, 2790-2807.e8	10.2	10
173	Harnessing the Membrane Translocation Properties of AB Toxins for Therapeutic Applications. *Toxins*, **2021**, 13,	4.9	3
172	Palmitoylated acyl protein thioesterase APT2 deforms membranes to extract substrate acyl chains. *Nature Chemical Biology*, **2021**, 17, 438-447	11.7	9
171	Mammalian membrane trafficking as seen through the lens of bacterial toxins. *Cellular Microbiology* , **2020**, 22, e13167	3.9	2
170	Wnt-controlled sphingolipids modulate Anthrax Toxin Receptor palmitoylation to regulate oriented mitosis in zebrafish. *Nature Communications*, **2020**, 11, 3317	17.4	4
169	Hemagglutinin of Influenza A, but not of Influenza B and C viruses is acylated by ZDHHC2, 8, 15 and 20. *Biochemical Journal*, **2020**, 477, 285-303	3.8	11
168	Ligand Binding to the Collagen VI Receptor Triggers a Talin-to-RhoA Switch that Regulates Receptor Endocytosis. *Developmental Cell*, **2020**, 53, 418-430.e4	10.2	5
167	A toxic palmitoylation of Cdc42 enhances NF-Ƀ signaling and drives a severe autoinflammatory syndrome. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 1201-1204.e8	11.5	15
166	SwissPalm 2: Protein S-Palmitoylation Database. *Methods in Molecular Biology*, **2019**, 2009, 203-214	1.4	28
165	Dynamic Radiolabeling of S-Palmitoylated Proteins. *Methods in Molecular Biology*, **2019**, 2009, 111-127	1.4	2
164	Aerolysin, a Powerful Protein Sensor for Fundamental Studies and Development of Upcoming Applications. *ACS Sensors*, **2019**, 4, 530-548	9.2	30
163	Converging physiological roles of the anthrax toxin receptors. *F1000Research*, **2019**, 8,	3.6	5
162	Image-based analysis of living mammalian cells using label-free 3D refractive index maps reveals new organelle dynamics and dry mass flux. *PLoS Biology*, **2019**, 17, e3000553	9.7	26
161	Anthrax toxin requires ZDHHC5-mediated palmitoylation of its surface-processing host enzymes. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 1279-1288	11.5	15
160	Image-based analysis of living mammalian cells using label-free 3D refractive index maps reveals new organelle dynamics and dry mass flux **2019**, 17, e3000553		

159	Image-based analysis of living mammalian cells using label-free 3D refractive index maps reveals new organelle dynamics and dry mass flux **2019**, 17, e3000553		
158	Image-based analysis of living mammalian cells using label-free 3D refractive index maps reveals new organelle dynamics and dry mass flux **2019**, 17, e3000553		
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156	Image-based analysis of living mammalian cells using label-free 3D refractive index maps reveals new organelle dynamics and dry mass flux **2019**, 17, e3000553		
155	Image-based analysis of living mammalian cells using label-free 3D refractive index maps reveals new organelle dynamics and dry mass flux **2019**, 17, e3000553		
154	Active and dynamic mitochondrial S-depalmitoylation revealed by targeted fluorescent probes. *Nature Communications*, **2018**, 9, 334	17.4	47
153	The molecular era of protein S-acylation: spotlight on structure, mechanisms, and dynamics. *Critical Reviews in Biochemistry and Molecular Biology*, **2018**, 53, 420-451	8.7	52
152	Palmitoylation mediates membrane association of hepatitis E virus ORF3 protein and is required for infectious particle secretion. *PLoS Pathogens*, **2018**, 14, e1007471	7.6	39
151	Targeting STING with covalent small-molecule inhibitors. *Nature*, **2018**, 559, 269-273	50.4	284
150	Damage of eukaryotic cells by the pore-forming toxin sticholysin II: Consequences of the potassium efflux. *Biochimica Et Biophysica Acta - Biomembranes*, **2017**, 1859, 982-992	3.8	35
149	CMG2/ANTXR2 regulates extracellular collagen VI which accumulates in hyaline fibromatosis syndrome. *Nature Communications*, **2017**, 8, 15861	17.4	36
148	Structural, physicochemical and dynamic features conserved within the aerolysin pore-forming toxin family. *Scientific Reports*, **2017**, 7, 13932	4.9	21
147	Identification and dynamics of the human ZDHHC16-ZDHHC6 palmitoylation cascade. *ELife*, **2017**, 6,	8.9	53
146	Revealing Assembly of a Pore-Forming Complex Using Single-Cell Kinetic Analysis and Modeling. *Biophysical Journal*, **2016**, 110, 1574-1581	2.9	7
145	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
144	Pore-forming toxins: ancient, but never really out of fashion. *Nature Reviews Microbiology*, **2016**, 14, 77-92	22.2	407
143	Intrinsic Disorder in Transmembrane Proteins: Roles in Signaling and Topology Prediction. *PLoS ONE*, **2016**, 11, e0158594	3.7	35
142	Ubiquitin-dependent folding of the Wnt signaling coreceptor LRP6. *ELife*, **2016**, 5,	8.9	27

141	Author response: Ubiquitin-dependent folding of the Wnt signaling coreceptor LRP6 **2016**,		2
140	The Ins and Outs of Anthrax Toxin. *Toxins*, **2016**, 8,	4.9	63
139	Model-Driven Understanding of Palmitoylation Dynamics: Regulated Acylation of the Endoplasmic Reticulum Chaperone Calnexin. *PLoS Computational Biology*, **2016**, 12, e1004774	5	24
138	Cryo-EM structure of aerolysin variants reveals a novel protein fold and the pore-formation process. *Nature Communications*, **2016**, 7, 12062	17.4	108
137	Differential dependence on N-glycosylation of anthrax toxin receptors CMG2 and TEM8. *PLoS ONE*, **2015**, 10, e0119864	3.7	1
136	Aerolysin and Related Aeromonas Toxins **2015**, 773-793		1
135	Kicking Out Pathogens in Exosomes. *Cell*, **2015**, 161, 1241-2	56.2	8
134	SwissPalm: Protein Palmitoylation database. *F1000Research*, **2015**, 4, 261	3.6	133
133	Membrane-Damaging Toxins: Pore Formation **2014**, 189-202		1
132	Did cholera toxin finally get caught?. *Cell Host and Microbe*, **2013**, 13, 501-503	23.4	1
131	Molecular assembly of the aerolysin pore reveals a swirling membrane-insertion mechanism. *Nature Chemical Biology*, **2013**, 9, 623-9	11.7	150
130	What does S-palmitoylation do to membrane proteins?. *FEBS Journal*, **2013**, 280, 2766-74	5.7	159
129	Calnexin controls the STAT3-mediated transcriptional response to EGF. *Molecular Cell*, **2013**, 51, 386-96	17.6	26
128	Biochemical membrane lipidomics during Drosophila development. *Developmental Cell*, **2013**, 24, 98-111	10.2	103
127	In-depth analysis of hyaline fibromatosis syndrome frameshift mutations at the same site reveal the necessity of personalized therapy. *Human Mutation*, **2013**, 34, 1005-17	4.7	13
126	Anthrax toxin receptor 2a controls mitotic spindle positioning. *Nature Cell Biology*, **2013**, 15, 28-39	23.4	43
125	Hijacking multivesicular bodies enables long-term and exosome-mediated long-distance action of anthrax toxin. *Cell Reports*, **2013**, 5, 986-96	10.6	132
124	Palmitoylation, pathogens and their host. *Biochemical Society Transactions*, **2013**, 41, 84-8	5.1	21

123	Binding of Lassa virus perturbs extracellular matrix-induced signal transduction via dystroglycan. *Cellular Microbiology*, **2012**, 14, 1122-34	3.9	28
122	Pathogenic pore-forming proteins: function and host response. *Cell Host and Microbe*, **2012**, 12, 266-75	23.4	146
121	Caspase-2 is an initiator caspase responsible for pore-forming toxin-mediated apoptosis. *EMBO Journal*, **2012**, 31, 2615-28	13	63
120	Palmitoylated calnexin is a key component of the ribosome-translocon complex. *EMBO Journal*, **2012**, 31, 1823-35	13	116
119	The dark sides of capillary morphogenesis gene 2. *EMBO Journal*, **2012**, 31, 3-13	13	58
118	Pore-forming toxins induce multiple cellular responses promoting survival. *Cellular Microbiology*, **2011**, 13, 1026-43	3.9	114
117	Hyaline fibromatosis syndrome inducing mutations in the ectodomain of anthrax toxin receptor 2 can be rescued by proteasome inhibitors. *EMBO Molecular Medicine*, **2011**, 3, 208-21	12	39
116	Dynamics of unfolded protein transport through an aerolysin pore. *Journal of the American Chemical Society*, **2011**, 133, 2923-31	16.4	173
115	Dual chaperone role of the C-terminal propeptide in folding and oligomerization of the pore-forming toxin aerolysin. *PLoS Pathogens*, **2011**, 7, e1002135	7.6	45
114	Monalysin, a novel ⍰pore-forming toxin from the Drosophila pathogen Pseudomonas entomophila, contributes to host intestinal damage and lethality. *PLoS Pathogens*, **2011**, 7, e1002259	7.6	75
113	Extending the aerolysin family: from bacteria to vertebrates. *PLoS ONE*, **2011**, 6, e20349	3.7	80
112	Anthrax toxin triggers the activation of src-like kinases to mediate its own uptake. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 1420-4	11.5	42
111	Endocytosis of the anthrax toxin is mediated by clathrin, actin and unconventional adaptors. *PLoS Pathogens*, **2010**, 6, e1000792	7.6	78
110	The 2DX robot: a membrane protein 2D crystallization Swiss Army knife. *Journal of Structural Biology*, **2010**, 169, 370-8	3.4	33
109	Structure and assembly of pore-forming proteins. *Current Opinion in Structural Biology*, **2010**, 20, 241-6	8.1	135
108	Preliminary crystallographic analysis of two oligomerization-deficient mutants of the aerolysin toxin, H132D and H132N, in their proteolyzed forms. *Acta Crystallographica Section F: Structural Biology Communications*, **2010**, 66, 1626-30		2
107	Novel ubiquitin-dependent quality control in the endoplasmic reticulum. *Trends in Cell Biology*, **2009**, 19, 357-63	18.3	28
106	Membrane injury by pore-forming proteins. *Current Opinion in Cell Biology*, **2009**, 21, 589-95	9	109

105	Systemic hyalinosis mutations in the CMG2 ectodomain leading to loss of function through retention in the endoplasmic reticulum. *Human Mutation*, **2009**, 30, 583-9	4.7	28
104	Shigella phagocytic vacuolar membrane remnants participate in the cellular response to pathogen invasion and are regulated by autophagy. *Cell Host and Microbe*, **2009**, 6, 137-49	23.4	259
103	Receptors of anthrax toxin and cell entry. *Molecular Aspects of Medicine*, **2009**, 30, 406-12	16.7	63
102	Palmitoylation of membrane proteins (Review). *Molecular Membrane Biology*, **2009**, 26, 55-66	3.4	123
101	Maturation modulates caspase-1-independent responses of dendritic cells to Anthrax lethal toxin. *Cellular Microbiology*, **2008**, 10, 1190-207	3.9	26
100	Functional interactions between anthrax toxin receptors and the WNT signalling protein LRP6. *Cellular Microbiology*, **2008**, 10, 2509-19	3.9	35
99	Elastic membrane heterogeneity of living cells revealed by stiff nanoscale membrane domains. *Biophysical Journal*, **2008**, 94, 1521-32	2.9	72
98	Hrs and SNX3 functions in sorting and membrane invagination within multivesicular bodies. *PLoS Biology*, **2008**, 6, e214	9.7	76
97	Pore formation: an ancient yet complex form of attack. *Biochimica Et Biophysica Acta - Biomembranes*, **2008**, 1778, 1611-23	3.8	145
96	Exotoxin secretion: getting out to find the way in. *Cell Host and Microbe*, **2008**, 3, 7-8	23.4	8
95	Palmitoylation and ubiquitination regulate exit of the Wnt signaling protein LRP6 from the endoplasmic reticulum. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 5384-9	11.5	119
94	Activation of the unfolded protein response is required for defenses against bacterial pore-forming toxin in vivo. *PLoS Pathogens*, **2008**, 4, e1000176	7.6	151
93	Regulation of the V-ATPase along the endocytic pathway occurs through reversible subunit association and membrane localization. *PLoS ONE*, **2008**, 3, e2758	3.7	143
92	Bacterial pore-forming toxins: the (w)hole story?. *Cellular and Molecular Life Sciences*, **2008**, 65, 493-507	10.3	207
91	The role of the inflammasome in cellular responses to toxins and bacterial effectors. *Seminars in Immunopathology*, **2007**, 29, 249-60	12	50
90	Involvement of a Golgi-resident GPI-anchored protein in maintenance of the Golgi structure. *Molecular Biology of the Cell*, **2007**, 18, 1261-71	3.5	15
89	Late endosomal cholesterol accumulation leads to impaired intra-endosomal trafficking. *PLoS ONE*, **2007**, 2, e851	3.7	105
88	Pore-forming toxins and cellular non-immune defenses (CNIDs). *Current Opinion in Microbiology*, **2007**, 10, 57-61	7.9	100

87	Diversity of raft-like domains in late endosomes. *PLoS ONE*, **2007**, 2, e391	3.7	59
86	Intra-endosomal membrane traffic. *Trends in Cell Biology*, **2006**, 16, 514-21	18.3	161
85	Receptor palmitoylation and ubiquitination regulate anthrax toxin endocytosis. *Journal of Cell Biology*, **2006**, 172, 309-20	7.3	156
84	About lipids and toxins. *FEBS Letters*, **2006**, 580, 5572-9	3.8	23
83	Toxoplasma: guess whoS s coming to dinner. *Cell*, **2006**, 125, 226-8	56.2	2
82	Caspase-1 activation of lipid metabolic pathways in response to bacterial pore-forming toxins promotes cell survival. *Cell*, **2006**, 126, 1135-45	56.2	419
81	Aerolysin and related Aeromonas toxins **2006**, 608-622		4
80	Mechanisms of pathogen entry through the endosomal compartments. *Nature Reviews Molecular Cell Biology*, **2006**, 7, 495-504	48.7	271
79	A rivet model for channel formation by aerolysin-like pore-forming toxins. *EMBO Journal*, **2006**, 25, 457-66	[illegible]	78
78	Dynamics of GPI-anchored proteins on the surface of living cells. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2006**, 2, 1-7	6	18
77	Toxins in the Endosomes **2006**, 145-152		1
76	Anthrax toxin: the long and winding road that leads to the kill. *Trends in Microbiology*, **2005**, 13, 72-8	12.4	127
75	Bacterial invasion via lipid rafts. *Cellular Microbiology*, **2005**, 7, 613-20	3.9	126
74	Oiling the key hole. *Molecular Microbiology*, **2005**, 56, 575-7	4.1	10
73	Membrane insertion of anthrax protective antigen and cytoplasmic delivery of lethal factor occur at different stages of the endocytic pathway. *Journal of Cell Biology*, **2004**, 166, 645-51	7.3	182
72	Clustering induces a lateral redistribution of alpha 2 beta 1 integrin from membrane rafts to caveolae and subsequent protein kinase C-dependent internalization. *Molecular Biology of the Cell*, **2004**, 15, 625-36	3.5	156
71	Mitogen-activated protein kinase pathways defend against bacterial pore-forming toxins. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 10995-1000	11.5	258
70	Rafts can trigger contact-mediated secretion of bacterial effectors via a lipid-based mechanism. *Journal of Biological Chemistry*, **2004**, 279, 47792-8	5.4	71

69	Bacterial subversion of lipid rafts. *Current Opinion in Microbiology*, **2004**, 7, 4-10	7.9	93
68	Sliding doors: clathrin-coated pits or caveolae?. *Nature Cell Biology*, **2003**, 5, 382-4	23.4	28
67	Anthrax toxin triggers endocytosis of its receptor via a lipid raft-mediated clathrin-dependent process. *Journal of Cell Biology*, **2003**, 160, 321-8	7.3	407
66	Sensitivity of polarized epithelial cells to the pore-forming toxin aerolysin. *Infection and Immunity*, **2003**, 71, 739-46	3.7	42
65	La vie sans cav[illegible]les. *Medecine/Sciences*, **2002**, 18, 28-29		
64	Conversion of a transmembrane to a water-soluble protein complex by a single point mutation. *Nature Structural Biology*, **2002**, 9, 729-33		51
63	Differential sorting and fate of endocytosed GPI-anchored proteins. *EMBO Journal*, **2002**, 21, 3989-4000	13	177
62	Initial steps of Shigella infection depend on the cholesterol/sphingolipid raft-mediated CD44-IpaB interaction. *EMBO Journal*, **2002**, 21, 4449-57	13	192
61	Requirement of N-glycan on GPI-anchored proteins for efficient binding of aerolysin but not Clostridium septicum alpha-toxin. *EMBO Journal*, **2002**, 21, 5047-56	13	95
60	Association of Helicobacter pylori vacuolating toxin (VacA) with lipid rafts. *Journal of Biological Chemistry*, **2002**, 277, 34642-50	5.4	119
59	The glycan core of GPI-anchored proteins modulates aerolysin binding but is not sufficient: the polypeptide moiety is required for the toxin-receptor interaction. *FEBS Letters*, **2002**, 512, 249-54	3.8	36
58	The bacterial toxin toolkit. *Nature Reviews Molecular Cell Biology*, **2001**, 2, 530-7	48.7	124
57	Cross-talk between caveolae and glycosylphosphatidylinositol-rich domains. *Journal of Biological Chemistry*, **2001**, 276, 30729-36	5.4	77
56	Aerolysin from Aeromonas hydrophila and related toxins. *Current Topics in Microbiology and Immunology*, **2001**, 257, 35-52	3.3	33
55	Raft membrane domains: from a liquid-ordered membrane phase to a site of pathogen attack. *Seminars in Immunology*, **2001**, 13, 89-97	10.7	212
54	Not as simple as just punching a hole. *Toxicon*, **2001**, 39, 1637-45	2.8	39
53	Analysis of glycosyl phosphatidylinositol-anchored proteins by two-dimensional gel electrophoresis. *Electrophoresis*, **2000**, 21, 3351-6	3.6	32
52	Pathogens, toxins, and lipid rafts. *Protoplasma*, **2000**, 212, 8-14	3.4	17

51	Surface dynamics of aerolysin on the plasma membrane of living cells. *International Journal of Medical Microbiology*, **2000**, 290, 363-7	3.7	11
50	Adventures of a pore-forming toxin at the target cell surface. *Trends in Microbiology*, **2000**, 8, 168-72	12.4	115
49	Plasticity of the transmembrane beta-barrel. *Trends in Microbiology*, **2000**, 8, 89-90	12.4	7
48	Analysis of glycosyl phosphatidylinositol-anchored proteins by two-dimensional gel electrophoresis **2000**, 21, 3351		1
47	Dimer dissociation of the pore-forming toxin aerolysin precedes receptor binding. *Journal of Biological Chemistry*, **1999**, 274, 37705-8	5.4	23
46	Increased stability upon heptamerization of the pore-forming toxin aerolysin. *Journal of Biological Chemistry*, **1999**, 274, 36722-8	5.4	33
45	Purification and analysis of authentic CLIP-170 and recombinant fragments. *Journal of Biological Chemistry*, **1999**, 274, 25883-91	5.4	60
44	Plasma membrane microdomains act as concentration platforms to facilitate intoxication by aerolysin. *Journal of Cell Biology*, **1999**, 147, 175-84	7.3	134
43	Landing on lipid rafts. *Trends in Cell Biology*, **1999**, 9, 212-3	18.3	61
42	The lectin-like domain of tumor necrosis factor-alpha increases membrane conductance in microvascular endothelial cells and peritoneal macrophages. *European Journal of Immunology*, **1999**, 29, 3105-11	6.1	66
41	The tip of a molecular syringe. *Trends in Microbiology*, **1999**, 7, 341-3	12.4	18
40	Membrane interaction of TNF is not sufficient to trigger increase in membrane conductance in mammalian cells. *FEBS Letters*, **1999**, 460, 107-11	3.8	20
39	The staphylococcal alpha-toxin pore has a flexible conformation. *Biochemistry*, **1999**, 38, 4296-302	3.2	15
38	The lectin-like domain of tumor necrosis factor-increases membrane conductance in microvascular endothelial cells and peritoneal macrophages **1999**, 29, 3105		4
37	Movement of a loop in domain 3 of aerolysin is required for channel formation. *Biochemistry*, **1998**, 37, 741-6	3.2	34
36	Aerolysin--a paradigm for membrane insertion of beta-sheet protein toxins?. *Journal of Structural Biology*, **1998**, 121, 92-100	3.4	49
35	Aerolysin induces G-protein activation and Ca2+ release from intracellular stores in human granulocytes. *Journal of Biological Chemistry*, **1998**, 273, 18122-9	5.4	61
34	The pore-forming toxin proaerolysin is activated by furin. *Journal of Biological Chemistry*, **1998**, 273, 32656-61	5.4	111

33	A pore-forming toxin interacts with a GPI-anchored protein and causes vacuolation of the endoplasmic reticulum. *Journal of Cell Biology*, **1998**, 140, 525-40	7.3	193
32	Brucella abortus transits through the autophagic pathway and replicates in the endoplasmic reticulum of nonprofessional phagocytes. *Infection and Immunity*, **1998**, 66, 5711-24	3.7	317
31	Conformational changes due to membrane binding and channel formation by staphylococcal alpha-toxin. *Journal of Biological Chemistry*, **1997**, 272, 5709-17	5.4	38
30	The disulfide bond in the Aeromonas hydrophila lipase/acyltransferase stabilizes the structure but is not required for secretion or activity. *Journal of Bacteriology*, **1997**, 179, 3116-21	3.5	19
29	Conformational changes in aerolysin during the transition from the water-soluble protoxin to the membrane channel. *Biochemistry*, **1997**, 36, 15224-32	3.2	42
28	Membrane insertion: The strategies of toxins (review). *Molecular Membrane Biology*, **1997**, 14, 45-64	3.4	130
27	Separation of early steps in endocytic membrane transport. *Electrophoresis*, **1997**, 18, 2689-93	3.6	20
26	Partial C-terminal unfolding is required for channel formation by staphylococcal alpha-toxin. *Journal of Biological Chemistry*, **1996**, 271, 8655-60	5.4	35
25	Characterisation of the heptameric pore-forming complex of the Aeromonas toxin aerolysin using MALDI-TOF mass spectrometry. *FEBS Letters*, **1996**, 384, 269-72	3.8	82
24	Aerolysin--the ins and outs of a model channel-forming toxin. *Molecular Microbiology*, **1996**, 19, 205-12	4.1	95
23	Structure and Assembly of the Channel-Forming Aeromonas Toxin Aerolysin. *Molecular Biology Intelligence Unit*, **1996**, 79-95		1
22	Protonation of histidine-132 promotes oligomerization of the channel-forming toxin aerolysin. *Biochemistry*, **1995**, 34, 16450-5	3.2	45
21	The cytolytic toxin aerolysin: from the soluble form to the transmembrane channel. *Toxicology*, **1994**, 87, 19-28	4.4	23
20	All in the family: the toxic activity of pore-forming colicins. *Toxicology*, **1994**, 87, 85-108	4.4	63
19	The C-terminal peptide produced upon proteolytic activation of the cytolytic toxin aerolysin is not involved in channel formation. *Journal of Biological Chemistry*, **1994**, 269, 30496-501	5.4	29
18	The Pore-Forming Toxin Aerolysin: From the Soluble to a Transmembrane Form **1994**, 181-190		1
17	The C-terminal peptide produced upon proteolytic activation of the cytolytic toxin aerolysin is not involved in channel formation.. *Journal of Biological Chemistry*, **1994**, 269, 30496-30501	5.4	29
16	Oligomerization of the channel-forming toxin aerolysin precedes insertion into lipid bilayers. *Biochemistry*, **1993**, 32, 2636-42	3.2	86

15	Role of acidic lipids in the translocation and channel activity of colicins A and N in Escherichia coli cells. *FEBS Journal*, **1993**, 213, 217-21		36
14	Physical and chemical characterization of the oligomerization state of the Aeromonas hydrophila lipase/acyltransferase. *FEBS Letters*, **1993**, 333, 296-300	3.8	6
13	Dimerization stabilizes the pore-forming toxin aerolysin in solution. *Journal of Biological Chemistry*, **1993**, 268, 18272-9	5.4	49
12	Spectroscopic study of the activation and oligomerization of the channel-forming toxin aerolysin: identification of the site of proteolytic activation. *Biochemistry*, **1992**, 31, 8566-70	3.2	80
11	The membrane insertion of colicins. *FEBS Letters*, **1992**, 307, 26-9	3.8	44
10	Flow cytometry and sorting of amphibian bladder endocytic vesicles containing ADH-sensitive water channels. *Journal of Membrane Biology*, **1992**, 128, 133-9	2.3	4
9	Puncturing Cell Membranes: Comparison of Colicin A and Aerolysin. *Jerusalem Symposia on Quantum Chemistry and Biochemistry*, **1992**, 393-401		
8	The molten globule intermediate for protein insertion or translocation through membranes. *Trends in Cell Biology*, **1992**, 2, 343-8	18.3	16
7	A Smolten-globuleSmembrane-insertion intermediate of the pore-forming domain of colicin A. *Nature*, **1991**, 354, 408-10	50.4	419
6	Water permeabilities and salt reflection coefficients of luminal, basolateral and intracellular membrane vesicles isolated from rabbit kidney proximal tubule. *Biochimica Et Biophysica Acta - Biomembranes*, **1989**, 986, 332-40	3.8	21
5	Staphylococcus aureus alpha toxin can bind to cholesterol-sensitive phosphatidyl choline head group arrangements. *Matters*,	0	1
4	A Novel Talin-to-RhoA Switch Mechanism Upon Ligand Binding of the Collagen VI Receptor CMG2. *SSRN Electronic Journal*,	1	1
3	Local and substrate-specific S-palmitoylation determines subcellular localization of G[illegible]		2
2	The architecture of the endoplasmic reticulum is regulated by the reversible lipid modification of the shaping protein CLIMP-63		2
1	S-acylation controls SARS-Cov-2 membrane lipid organization and enhances infectivity		3