Volker Gerke

List of Publications by Year
in descending order

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163	13,176	30070 54	23533 111
papers	citations	h-index	g-index

168	168	168	12192
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Annexins: From Structure to Function. Physiological Reviews, 2002, 82, 331-371.	28.8	1,810
2	Annexins: linking Ca2+ signalling to membrane dynamics. Nature Reviews Molecular Cell Biology, 2005, 6, 449-461.	37.0	1,234
3	PTEN-Mediated Apical Segregation of Phosphoinositides Controls Epithelial Morphogenesis through Cdc42. Cell, 2007, 128, 383-397.	28.9	653
4	Annexins â€“ unique membrane binding proteins with diverse functions. Journal of Cell Science, 2004, 117, 2631-2639.	2.0	541
5	Analysis of Cd44-Containing Lipid Rafts. Journal of Cell Biology, 1999, 146, 843-854.	5.2	386
6	Annexins and membrane dynamics. Biochimica Et Biophysica Acta - Molecular Cell Research, 1997, 1357, 129-154.	4.1	322
7	A Novel Ligand of the Formyl Peptide Receptor. Molecular Cell, 2000, 5, 831-840.	9.7	295
8	The crystal structure of a complex of p11 with the annexin II N-terminal peptide. Nature Structural Biology, 1999, 6, 89-95.	9.7	262
9	Functional expression of the epithelial Ca2+ channels (TRPV5 and TRPV6) requires association of the S100A10-annexin 2 complex. EMBO Journal, 2003, 22, 1478-1487.	7.8	253
10	Annexin-Actin Interactions. Traffic, 2004, 5, 571-576.	2.7	238
11	Requirement for Annexin A1 in Plasma Membrane Repair. Journal of Biological Chemistry, 2006, 281, 35202-35207.	3.4	199
12	S100A10/p11: family, friends and functions. Pflugers Archiv European Journal of Physiology, 2007, 455, 575-582.	2.8	180
13	Structural basis of the Ca2+-dependent association between S100C (S100A11) and its target, the N-terminal part of annexin I. Structure, 2000, 8, 175-184.	3.3	176
14	S100 Family Members and Trypsinogens Are Predictors of Distant Metastasis and Survival in Early-Stage Non-Small Cell Lung Cancer. Cancer Research, 2004, 64, 5564-5569.	0.9	169
15	Annexin 2 is a phosphatidylinositol (4,5)-bisphosphate binding protein recruited to actin assembly sites at cellular membranes. Journal of Cell Science, 2004, 117, 3473-3480.	2.0	153
16	S100P, a novel Ca2+ -binding protein from human placenta. cDNA cloning, recombinant protein expression and Ca2+ binding properties. FEBS Journal, 1992, 207, 541-547.	0.2	146
17	An Annexin 1 N-Terminal Peptide Activates Leukocytes by Triggering Different Members of the Formyl Peptide Receptor Family. Journal of Immunology, 2004, 172, 7669-7676.	0.8	137
18	Annexin 2 Promotes the Formation of Lipid Microdomains Required for Calcium-regulated Exocytosis of Dense-Core Vesicles. Molecular Biology of the Cell, 2005, 16, 1108-1119.	2.1	131

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19	Tyrosine phosphorylation of annexin A2 regulates Rho-mediated actin rearrangement and cell adhesion. Journal of Cell Science, 2008, 121, 2177-2185.	2.0	131
20	X-ray structure of full-length annexin 1 and implications for membrane aggregation11Edited by D. Rees. Journal of Molecular Biology, 2001, 306, 489-498.	4.2	130
21	Targeting the endolysosomal host-SARS-CoV-2 interface by clinically licensed functional inhibitors of acid sphingomyelinase (FIASMA) including the antidepressant fluoxetine. Emerging Microbes and Infections, 2020, 9, 2245-2255.	6.5	129
22	Annexin A4 and A6 induce membrane curvature and constriction during cell membrane repair. Nature Communications, 2017, 8, 1623.	12.8	128
23	The frontotemporal dementia mutation R406W blocks tauâ€™s interaction with the membrane in an annexin A2â€“dependent manner. Journal of Cell Biology, 2011, 192, 647-661.	5.2	117
24	The Crystal Structure and Ion Channel Activity of Human Annexin II, a Peripheral Membrane Protein. Journal of Molecular Biology, 1996, 257, 839-847.	4.2	116
25	Role of Annexin A2 in the Production of Infectious Hepatitis C Virus Particles. Journal of Virology, 2010, 84, 5775-5789.	3.4	114
26	Differential expression of annexins I, II and IV in human tissues: an immunohistochemical study. Histochemistry and Cell Biology, 1998, 110, 137-148.	1.7	112
27	The Annexin 2/S100A10 Complex Controls the Distribution of Transferrin Receptor-containing Recycling Endosomes. Molecular Biology of the Cell, 2003, 14, 4896-4908.	2.1	109
28	Structural analysis of junctions formed between lipid membranes and several annexins by cryo-electron microscopy 1 1Edited by M. F. Moody. Journal of Molecular Biology, 1997, 272, 42-55.	4.2	107
29	A common haplotype of the annexin A5 (ANXA5) gene promoter is associated with recurrent pregnancy loss. Human Molecular Genetics, 2007, 16, 573-578.	2.9	107
30	Rab3D and annexin A2 play a role in regulated secretion of vWF, but not tPA, from endothelial cells. EMBO Journal, 2004, 23, 2982-2992.	7.8	106
31	Ca2+-dependent Binding and Activation of Dormant Ezrin by Dimeric S100P. Molecular Biology of the Cell, 2003, 14, 2372-2384.	2.1	99
32	Annexin 2 has an essential role in actin-based macropinocytic rocketing. Current Biology, 2001, 11, 1136-1141.	3.9	94
33	aPKC phosphorylates JAM-A at Ser285 to promote cell contact maturation and tight junction formation. Journal of Cell Biology, 2012, 196, 623-639.	5.2	92
34	Structural requirements for annexin I-S100C complex-formation. Biochemical Journal, 1996, 319, 123-129.	3.7	87
35	Cell-surface attachment of pedestal-forming enteropathogenicE. coliinduces a clustering of raft components and a recruitment of annexin 2. Journal of Cell Science, 2002, 115, 91-98.	2.0	86
36	Annexin II Is Required for Apical Transport in Polarized Epithelial Cells. Journal of Biological Chemistry, 2004, 279, 3680-3684.	3.4	83

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37	Annexin A1 released from apoptotic cells acts through formyl peptide receptors to dampen inflammatory monocyte activation via JAK/STAT/SOCS signalling. EMBO Molecular Medicine, 2011, 3, 102-114.	6.9	80
38	Lipid Segregation and Membrane Budding Induced by the Peripheral Membrane Binding Protein Annexin A2*. Journal of Biological Chemistry, 2013, 288, 24764-24776.	3.4	79
39	Cell-surface attachment of pedestal-forming enteropathogenic E. coli induces a clustering of raft components and a recruitment of annexin 2. Journal of Cell Science, 2002, 115, 91-8.	2.0	76
40	Annexin A8 displays unique phospholipid and F-actin binding properties. FEBS Letters, 2006, 580, 2430-2434.	2.8	72
41	Annexin II Modulates Volume-activated Chloride Currents in Vascular Endothelial Cells. Journal of Biological Chemistry, 1996, 271, 30631-30636.	3.4	70
42	Annexin I targets S100C to early endosomes. FEBS Letters, 1997, 413, 185-190.	2.8	70
43	Functional Activation of the Formyl Peptide Receptor by a New Endogenous Ligand in Human Lung A549 Cells. Journal of Immunology, 2002, 169, 1500-1504.	0.8	69
44	The Annexin II-p11 Complex Is Involved in Regulated Exocytosis in Bovine Pulmonary Artery Endothelial Cells. Journal of Biological Chemistry, 1998, 273, 19679-19684.	3.4	68
45	Characterization of the Ca2+-regulated Ezrin-S100P Interaction and Its Role in Tumor Cell Migration. Journal of Biological Chemistry, 2008, 283, 29331-29340.	3.4	68
46	Kinetics and Thermodynamics of Annexin A1 Binding to Solid-Supported Membranes:Â A QCM Studyâ€. Biochemistry, 2002, 41, 10087-10094.	2.5	66
47	Myosin Va Acts in Concert with Rab27a and MyRIP to Regulate Acute Vonâ€Willebrand Factor Release from Endothelial Cells. Traffic, 2011, 12, 1371-1382.	2.7	64
48	Phospholipase D1 is specifically required for regulated secretion of von Willebrand factor from endothelial cells. Blood, 2009, 113, 973-980.	1.4	62
49	Mapping of a regulatory important site for protein kinase C phosphorylation in the N-terminal domain of annexin II. Biochimica Et Biophysica Acta - Molecular Cell Research, 1996, 1313, 283-289.	4.1	61
50	VAMP3 is associated with endothelial Weibelâ€“Palade bodies and participates in their Ca2+-dependent exocytosis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1038-1044.	4.1	61
51	Phosphatidylserine Membrane Domain Clustering Induced by Annexin A2/S100A10 Heterotetramerâ€. Biochemistry, 2005, 44, 15296-15303.	2.5	60
52	Activation of F-Actin Binding Capacity of Ezrin: Synergism of PIP2 Interaction and Phosphorylation. Biophysical Journal, 2011, 100, 1708-1717.	0.5	60
53	Late Endosomal/Lysosomal Cholesterol Accumulation Is a Host Cell-Protective Mechanism Inhibiting Endosomal Escape of Influenza A Virus. MBio, 2018, 9, .	4.1	59
54	Evolutionary and Molecular Facts Link the WWC Protein Family to Hippo Signaling. Molecular Biology and Evolution, 2014, 31, 1710-1723.	8.9	57

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55	S100â€“ANNEXIN COMPLEXES: SOME INSIGHTS FROM STRUCTURAL STUDIES. Cell Biology International, 2000, 24, 799-802.	3.0	56
56	cAMP-induced secretion of endothelial von Willebrand factor is regulated by a phosphorylation/dephosphorylation switch in annexin A2. Blood, 2013, 122, 1042-1051.	1.4	56
57	Cooperative Adsorption of Ezrin on PIP2-Containing Membranesâ€. Biochemistry, 2006, 45, 13025-13034.	2.5	54
58	Reversible Stabilization of Vesicles: Redoxâ€Responsive Polymer Nanocontainers for Intracellular Delivery. Angewandte Chemie - International Edition, 2017, 56, 9603-9607.	13.8	54
59	Imidazolium Salts Mimicking the Structure of Natural Lipids Exploit Remarkable Properties Forming Lamellar Phases and Giant Vesicles. Langmuir, 2017, 33, 1333-1342.	3.5	54
60	Hydrophobic residues in the C-terminal region of S100A1 are essential for target protein binding butnot for dimerization. Cell Calcium, 1998, 24, 137-151.	2.4	53
61	Regulation of Mitochondrial Morphogenesis by Annexin A6. PLoS ONE, 2013, 8, e53774.	2.5	53
62	Mapping of three unique Ca2+-binding sites in human annexin II. FEBS Journal, 1992, 207, 923-930.	0.2	52
63	Characterization of the cell-cycle-regulated protein calcyclin from Ehrlich ascites tumor cells. Identification of two binding proteins obtained by Ca2+-dependent affinity chromatography. FEBS Journal, 1991, 195, 795-800.	0.2	51
64	Proteolytic cleavage of annexin 1 by human leukocyte elastase. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 1320-1324.	4.1	51
65	Deletion of Annexin 2 Light Chain p11 in Nociceptors Causes Deficits in Somatosensory Coding and Pain Behavior. Journal of Neuroscience, 2006, 26, 10499-10507.	3.6	51
66	The Formation of the cAMP/Protein Kinase A-dependent Annexin 2â€“S100A10 Complex with Cystic Fibrosis Conductance Regulator Protein (CFTR) Regulates CFTR Channel Function. Molecular Biology of the Cell, 2007, 18, 3388-3397.	2.1	50
67	Tetraspanin CD9 links junctional adhesion molecule-A to Î±vÎ²3 integrin to mediate basic fibroblast growth factorâ€“specific angiogenic signaling. Molecular Biology of the Cell, 2013, 24, 933-944.	2.1	50
68	Role of the C-Terminal Extension in the Interaction of S100A1 with GFAP, Tubulin, the S100A1- and S100B-Inhibitory Peptide, TRTK-12, and a Peptide Derived from p53, and the S100A1 Inhibitory Effect on GFAP Polymerization. Biochemical and Biophysical Research Communications, 1999, 254, 36-41.	2.1	49
69	S100P Is a Novel Interaction Partner and Regulator of IQGAP1. Journal of Biological Chemistry, 2011, 286, 7227-7238.	3.4	49
70	Cytoskeletal modulation of the response to mechanical stimulation in human vascular endothelial cells. Pflugers Archiv European Journal of Physiology, 1994, 428, 569-576.	2.8	48
71	Complex formation and submembranous localization of annexin 2 and S100A10 in live HepG2 cells. FEBS Letters, 2001, 500, 137-140.	2.8	48
72	Annexin A8 controls leukocyte recruitment to activated endothelial cells via cell surface delivery of CD63. Nature Communications, 2014, 5, 3738.	12.8	47

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73	Disruption of Endothelial Microfilaments Selectively Reduces the Transendothelial Migration of Monocytes. Experimental Cell Research, 1998, 243, 129-141.	2.6	46
74	Annexin A8 Regulates Late Endosome Organization and Function. Molecular Biology of the Cell, 2008, 19, 5267-5278.	2.1	46
75	Annexin A2 is involved in Ca 2+ -dependent plasma membrane repair in primary human endothelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1046-1053.	4.1	45
76	Association of annexin 2 with recycling endosomes requires either calcium- or cholesterol-stabilized membrane domains. European Journal of Cell Biology, 2001, 80, 499-507.	3.6	44
77	JAM-A regulates cortical dynein localization through Cdc42 to control planar spindle orientation during mitosis. Nature Communications, 2015, 6, 8128.	12.8	44
78	Annexin A6-Balanced Late Endosomal Cholesterol Controls Influenza A Replication and Propagation. MBio, 2013, 4, e00608-13.	4.1	43
79	The annexin A1/FPR2 signaling axis expands alveolar macrophages, limits viral replication, and attenuates pathogenesis in the murine influenza A virus infection model. FASEB Journal, 2019, 33, 12188-12199.	0.5	43
80	Phosphatidylinositol 4,5-Bisphosphate Alters the Number of Attachment Sites between Ezrin and Actin Filaments. Journal of Biological Chemistry, 2014, 289, 9833-9843.	3.4	41
81	Endothelial Rho signaling is required for monocyte transendothelial migration. FEBS Letters, 2002, 517, 261-266.	2.8	40
82	Annexin A1 is a new functional linker between actin filaments and phagosomes during phagocytosis. Journal of Cell Science, 2011, 124, 578-588.	2.0	40
83	The annexin 2-S100A10 complex and its association with TRPV6 is regulated by cAMP/PKA/CnA in airway and gut epithelia. Cell Calcium, 2008, 44, 147-157.	2.4	39
84	Identification of an AHNAK Binding Motif Specific for the Annexin2/S100A10 Tetramer. Journal of Biological Chemistry, 2006, 281, 35030-35038.	3.4	37
85	Actin Binding of Ezrin Is Activated by Specific Recognition of PIP₂-Functionalized Lipid Bilayers. Biochemistry, 2008, 47, 3762-3769.	2.5	37
86	Disruption of the annexin A1/S100A11 complex increases the migration and clonogenic growth by dysregulating epithelial growth factor (EGF) signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1700-1711.	4.1	36
87	A novel Munc13-4/S100A10/annexin A2 complex promotes Weibelâ€“Palade body exocytosis in endothelial cells. Molecular Biology of the Cell, 2017, 28, 1688-1700.	2.1	36
88	Rab35 protein regulates evoked exocytosis of endothelial Weibelâ€“Palade bodies. Journal of Biological Chemistry, 2017, 292, 11631-11640.	3.4	35
89	Annexins and plasma membrane repair. Current Topics in Membranes, 2019, 84, 43-65.	0.9	34
90	Folding energetics of ligand binding proteins II. Cooperative binding of Ca2+ to annexin I. Journal of Molecular Biology, 2001, 306, 825-835.	4.2	33

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91	Membrane Composition Affects the Reversibility of Annexin A2t Binding to Solid Supported Membranes:Â A QCM Studyâ€. Biochemistry, 2003, 42, 3131-3141.	2.5	33
92	The Molecular Arrangement of Membrane-Bound Annexin A2-S100A10 Tetramer as Revealed by Scanning Force Microscopy. ChemBioChem, 2004, 5, 1003-1006.	2.6	33
93	Conserved charged residues in the leucine-rich repeat domain of the Ran GTPase activating protein are required for Ran binding and GTPase activation. Biochemical Journal, 1999, 343, 653-662.	3.7	32
94	A comparison of the energetics of annexin I and annexin V. Journal of Molecular Biology, 1999, 288, 1013-1025.	4.2	31
95	Cooperative Binding of Annexin A2 to Cholesterol- and Phosphatidylinositol-4,5-Bisphosphate-Containing Bilayers. Biophysical Journal, 2014, 107, 2070-2081.	0.5	31
96	Visualization of Annexin I Binding to Calcium-Induced Phosphatidylserine Domains. ChemBioChem, 2001, 2, 587-590.	2.6	30
97	N-terminal acetylation of annexin A2 is required for S100A10 binding. Biological Chemistry, 2012, 393, 1141-1150.	2.5	29
98	Specific association of annexin 1 with plasma membrane-resident and internalized EGF receptors mediated through the protein core domain. FEBS Letters, 2004, 578, 95-98.	2.8	28
99	Identification of Hydrophobic Amino Acid Residues Involved in the Formation of S100P Homodimers in Vivoâ€. Biochemistry, 2000, 39, 9533-9539.	2.5	27
100	Annexin A4 is a novel direct regulator of adenylyl cyclase type 5. FASEB Journal, 2015, 29, 3773-3787.	0.5	27
101	Consensus peptide antibodies reveal a widespread occurrence of Ca2+ /lipid-binding proteins of the annexin family. FEBS Letters, 1989, 258, 259-262.	2.8	26
102	Cloning and characterization of the human gene encoding p11: structural similarity to other members of the S-100 gene family. Gene, 1992, 113, 269-274.	2.2	26
103	The Acidic C-terminal Domain of rna1p Is Required for the Binding of RanÂ·GTP and for RanGAP Activity. Journal of Biological Chemistry, 1997, 272, 24717-24726.	3.4	26
104	Modes of annexin-membrane interactions analyzed by employing chimeric annexin proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2000, 1498, 174-180.	4.1	26
105	Modeling of annexin A2â€"Membrane interactions by molecular dynamics simulations. PLoS ONE, 2017, 12, e0185440.	2.5	26
106	Regulation of von-Willebrand Factor Secretion from Endothelial Cells by the Annexin A2-S100A10 Complex. International Journal of Molecular Sciences, 2018, 19, 1752.	4.1	26
107	Weibel Palade Bodies: Unique Secretory Organelles of Endothelial Cells that Control Blood Vessel Homeostasis. Frontiers in Cell and Developmental Biology, 2021, 9, 813995.	3.7	26
108	Mode of Ezrin-Membrane Interaction as a Function of PIP 2 Binding and Pseudophosphorylation. Biophysical Journal, 2016, 110, 2710-2719.	0.5	25

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109	TSC1 binding to lysosomal PIPs is required for TSC complex translocation and mTORC1 regulation. Molecular Cell, 2021, 81, 2705-2721.e8.	9.7	25
110	Addressable Cholesterol Analogs for Live Imaging of Cellular Membranes. Cell Chemical Biology, 2018, 25, 952-961.e12.	5.2	22
111	Atypical properties displayed by annexin A9, a novel member of the annexin family of Ca2+ and lipid binding proteins. FEBS Letters, 2003, 546, 359-364.	2.8	21
112	Phosphorescent cationic iridium(<scp>iii</scp>) complexes dynamically bound to cyclodextrin vesicles: applications in live cell imaging. Chemical Science, 2018, 9, 7822-7828.	7.4	21
113	Annexin A1 and A2: Roles in Retrograde Trafficking of Shiga Toxin. PLoS ONE, 2012, 7, e40429.	2.5	20
114	VE-cadherin interacts with cell polarity protein Pals1 to regulate vascular lumen formation. Molecular Biology of the Cell, 2016, 27, 2811-2821.	2.1	20
115	The mitochondrial outer membrane protein SYNJ2BP interacts with the cell adhesion molecule TMIGD1 and can recruit it to mitochondria. BMC Molecular and Cell Biology, 2020, 21, 30.	2.0	20
116	Primary structure and expression of the Xenopus laevis gene encoding annexin II. Gene, 1991, 104, 259-264.	2.2	19
117	Bridging of membrane surfaces by annexin A2. Scientific Reports, 2018, 8, 14662.	3.3	18
118	Formation and Characterization of Supported Lipid Bilayers Containing Phosphatidylinositol-4,5-bisphosphate and Cholesterol as Functional Surfaces. Langmuir, 2014, 30, 14877-14886.	3.5	16
119	The tumor suppressor annexin A10 is a novel component of nuclear paraspeckles. Cellular and Molecular Life Sciences, 2014, 71, 311-329.	5.4	16
120	Cooperative binding promotes demand-driven recruitment of AnxA8 to cholesterol-containing membranes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 349-358.	2.4	16
121	Annexins A2 and A8 in endothelial cell exocytosis and the control of vascular homeostasis. Biological Chemistry, 2016, 397, 995-1003.	2.5	15
122	Actin dynamics during Ca2+-dependent exocytosis of endothelial Weibel-Palade bodies. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1218-1229.	4.1	15
123	Plasma membrane wound repair is characterized by extensive membrane lipid and protein rearrangements in vascular endothelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118991.	4.1	15
124	Hydrogen peroxide is a neuronal alarmin that triggers specific RNAs, local translation of Annexin A2, and cytoskeletal remodeling in Schwann cells. Rna, 2018, 24, 915-925.	3.5	14
125	Controlled Cellular Delivery of Amphiphilic Cargo by Redoxâ€Responsive Nanocontainers. Advanced Science, 2019, 6, 1901935.	11.2	14
126	The expression of different annexins in the fish embryo is developmentally regulated. FEBS Letters, 1994, 352, 227-230.	2.8	13

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127	CHIMs are versatile cholesterol analogs mimicking and visualizing cholesterol behavior in lipid bilayers and cells. Communications Biology, 2021, 4, 720.	4.4	13
128	JAM-A interacts with Î±3Î²1 integrin and tetraspanins CD151 and CD9 to regulate collective cell migration of polarized epithelial cells. Cellular and Molecular Life Sciences, 2022, 79, 88.	5.4	13
129	Characterization of a discontinuous epitope on annexin II by site-directed mutagenesis. FEBS Letters, 1991, 285, 59-62.	2.8	12
130	Defective formation of PKA/CnA-dependent annexin 2â€“S100A10/CFTR complex in Î”F508 cystic fibrosis cells. Cellular Signalling, 2008, 20, 1073-1083.	3.6	12
131	An Imidazoliumâ€Based Lipid Analogue as a Gene Transfer Agent. Chemistry - A European Journal, 2020, 26, 17176-17182.	3.3	12
132	Phospholipid vesicle binding and aggregation by four novel fish annexins are differently regulated by Ca2+. Biochimica Et Biophysica Acta - Molecular Cell Research, 1998, 1448, 311-319.	4.1	11
133	Ezrin interacts with the scaffold protein IQGAP1 and affects its cortical localization. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2086-2094.	4.1	11
134	Reversible Stabilisierung von Vesikeln: redoxâ€responsive Polymerâ€Nanocontainer fÃ¼r den Transport in das Zellinnere. Angewandte Chemie, 2017, 129, 9732-9736.	2.0	11
135	Transduction of Ca2+ signals upon fertilization of eggs; identification of an S-100 protein as a major Ca2+-binding protein. Mechanisms of Development, 1993, 42, 151-158.	1.7	10
136	Membrane Binding Promotes Annexin A2 Oligomerization. Cells, 2020, 9, 1169.	4.1	10
137	Tyrosine kinase substrate annexin II (p36) â€” biochemical characterization and conservation among species. Biochemical Society Transactions, 1990, 18, 1106-1108.	3.4	9
138	Annexin A4 Nâ€terminal peptide inhibits adenylyl cyclase 5 and limits Î²â€adrenoceptorâ€mediated prolongation of cardiac action potential. FASEB Journal, 2020, 34, 10489-10504.	0.5	9
139	Polythiolactoneâ€Decorated Silica Particles: A Versatile Approach for Surface Functionalization, Catalysis and Encapsulation. Chemistry - A European Journal, 2021, 27, 7667-7676.	3.3	9
140	Exploring Biased Agonism at FPR1 as a Means to Encode Danger Sensing. Cells, 2020, 9, 1054.	4.1	8
141	Biodegradable and Dualâ€Responsive Polypeptideâ€Shelled Cyclodextrinâ€Containers for Intracellular Delivery of Membraneâ€Impermeable Cargo. Advanced Science, 2021, 8, 2100694.	11.2	8
142	Generation and characterization of a novel, permanently active S100P mutant. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1078-1085.	4.1	7
143	Transcriptional Profiling of Human Monocytes Identifies the Inhibitory Receptor CD300a as Regulator of Transendothelial Migration. PLoS ONE, 2013, 8, e73981.	2.5	7
144	Plasma membrane phosphatidylinositol (4,5)-bisphosphate promotes Weibelâ€“Palade body exocytosis. Life Science Alliance, 2020, 3, e202000788.	2.8	6

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145	Annexins And Membrane Organisation In The Endocytic Pathway. Cellular and Molecular Biology Letters, 2001, 6, 204.	7.0	6
146	A JAM-Aâ€“tetraspaninâ€“Î±vÎ²5 integrin complex regulates contact inhibition of locomotion. Journal of Cell Biology, 2022, 221, .	5.2	6
147	Recombinant expression and domain structure of the Rna1 protein fromSchizosaccharomyces pombe. FEBS Letters, 1995, 357, 173-177.	2.8	5
148	Structural and functional characterisation of the mouse annexin A9 promoter. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1742, 141-149.	4.1	5
149	Importance of phospholipid bilayer integrity in the analysis of proteinâ€“lipid interactions. Biochemical and Biophysical Research Communications, 2014, 453, 143-147.	2.1	5
150	Spire1 and Myosin Vc promote Ca2+-evoked externalization of von Willebrand factor in endothelial cells. Cellular and Molecular Life Sciences, 2022, 79, 96.	5.4	5
151	von Willebrand factor folds into a bouquet. EMBO Journal, 2011, 30, 3880-3881.	7.8	4
152	Induction of Ca2+-Dependent Exocytotic Processes by Laser Ablation of Endothelial Cells. Methods in Molecular Biology, 2021, 2233, 287-300.	0.9	4
153	Acidification of endothelial Weibel-Palade bodies is mediated by the vacuolar-type H+-ATPase. PLoS ONE, 2022, 17, e0270299.	2.5	4
154	Dissipative Microgravimetry to Study the Binding Dynamics of the Phospholipid Binding Protein Annexin A2 to Solid-supported Lipid Bilayers Using a Quartz Resonator. Journal of Visualized Experiments, 2018, , .	0.3	3
155	Analysis of Ca2+-Dependent Weibelâ€“Palade Body Tethering by Live Cell TIRF Microscopy: Involvement of a Munc13-4/S100A10/Annexin A2 Complex. Methods in Molecular Biology, 2019, 1929, 437-445.	0.9	3
156	Structure and Expression of the Murine Annexin A9 Gene. Journal of Genome Science and Technology, 2002, 1, 189-197.	0.5	3
157	Polythiolactoneâ€Decorated Silica Particles: A Versatile Approach for Surface Functionalization, Catalysis and Encapsulation. Chemistry - A European Journal, 2021, 27, 7592-7592.	3.3	2
158	Tip-end fusion of a rod-shaped secretory organelle. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	2
159	Obituary for Annette Draeger. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118973.	4.1	1
160	ANO5 in membrane repair - Status: â€œltâ€™s complicatedâ€. Cell Calcium, 2021, 97, 102415.	2.4	1
161	InnenrÃ¼cktitelbild: Reversible Stabilisierung von Vesikeln: redoxâ€responsive Polymerâ€Nanocontainer fÃ¼r den Transport in das Zellinnere (Angew. Chem. 32/2017). Angewandte Chemie, 2017, 129, 9753-9753.	2.0	0
162	Polymer Nanocontainers: Controlled Cellular Delivery of Amphiphilic Cargo by Redoxâ€Responsive Nanocontainers (Adv. Sci. 24/2019). Advanced Science, 2019, 6, 1970146.	11.2	0

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163	Special Issue â€œRecent Developments in Annexin Biologyâ€: Cells, 2020, 9, 2477.	4.1	0