

# Volker Gerke

## List of Publications by Year in descending order

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163  
papers

13,176  
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30047

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23514

111  
g-index

168  
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168  
docs citations

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times ranked

12192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Annexins: From Structure to Function. <i>Physiological Reviews</i> , 2002, 82, 331-371.	13.1	1,810
2	Annexins: linking Ca <sup>2+</sup> signalling to membrane dynamics. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 449-461.	16.1	1,234
3	PTEN-Mediated Apical Segregation of Phosphoinositides Controls Epithelial Morphogenesis through Cdc42. <i>Cell</i> , 2007, 128, 383-397.	13.5	653
4	Annexins – unique membrane binding proteins with diverse functions. <i>Journal of Cell Science</i> , 2004, 117, 2631-2639.	1.2	541
5	Analysis of Cd44-Containing Lipid Rafts. <i>Journal of Cell Biology</i> , 1999, 146, 843-854.	2.3	386
6	Annexins and membrane dynamics. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1997, 1357, 129-154.	1.9	322
7	A Novel Ligand of the Formyl Peptide Receptor. <i>Molecular Cell</i> , 2000, 5, 831-840.	4.5	295
8	The crystal structure of a complex of p11 with the annexin II N-terminal peptide. <i>Nature Structural Biology</i> , 1999, 6, 89-95.	9.7	262
9	Functional expression of the epithelial Ca <sup>2+</sup> channels (TRPV5 and TRPV6) requires association of the S100A10-annexin 2 complex. <i>EMBO Journal</i> , 2003, 22, 1478-1487.	3.5	253
10	Annexin-Actin Interactions. <i>Traffic</i> , 2004, 5, 571-576.	1.3	238
11	Requirement for Annexin A1 in Plasma Membrane Repair. <i>Journal of Biological Chemistry</i> , 2006, 281, 35202-35207.	1.6	199
12	S100A10/p11: family, friends and functions. <i>Pflügers Archiv European Journal of Physiology</i> , 2007, 455, 575-582.	1.3	180
13	Structural basis of the Ca <sup>2+</sup> -dependent association between S100C (S100A11) and its target, the N-terminal part of annexin I. <i>Structure</i> , 2000, 8, 175-184.	1.6	176
14	S100 Family Members and Trypsinogens Are Predictors of Distant Metastasis and Survival in Early-Stage Non-Small Cell Lung Cancer. <i>Cancer Research</i> , 2004, 64, 5564-5569.	0.4	169
15	Annexin 2 is a phosphatidylinositol (4,5)-bisphosphate binding protein recruited to actin assembly sites at cellular membranes. <i>Journal of Cell Science</i> , 2004, 117, 3473-3480.	1.2	153
16	S100P, a novel Ca <sup>2+</sup> -binding protein from human placenta. cDNA cloning, recombinant protein expression and Ca <sup>2+</sup> binding properties. <i>FEBS Journal</i> , 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. <i>Journal of Immunology</i> , 2004, 172, 7669-7676.	0.4	137
18	Annexin 2 Promotes the Formation of Lipid Microdomains Required for Calcium-regulated Exocytosis of Dense-Core Vesicles. <i>Molecular Biology of the Cell</i> , 2005, 16, 1108-1119.	0.9	131

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19	Tyrosine phosphorylation of annexin A2 regulates Rho-mediated actin rearrangement and cell adhesion. <i>Journal of Cell Science</i> , 2008, 121, 2177-2185.	1.2	131
20	X-ray structure of full-length annexin 1 and implications for membrane aggregation <sup>11</sup> Edited by D. Rees. <i>Journal of Molecular Biology</i> , 2001, 306, 489-498.	2.0	130
21	Targeting the endolysosomal host-SARS-CoV-2 interface by clinically licensed functional inhibitors of acid sphingomyelinase (FIASMA) including the antidepressant fluoxetine. <i>Emerging Microbes and Infections</i> , 2020, 9, 2245-2255.	3.0	129
22	Annexin A4 and A6 induce membrane curvature and constriction during cell membrane repair. <i>Nature Communications</i> , 2017, 8, 1623.	5.8	128
23	The frontotemporal dementia mutation R406W blocks tau <sup>TM</sup> s interaction with the membrane in an annexin A2 <sup>TM</sup> dependent manner. <i>Journal of Cell Biology</i> , 2011, 192, 647-661.	2.3	117
24	The Crystal Structure and Ion Channel Activity of Human Annexin II, a Peripheral Membrane Protein. <i>Journal of Molecular Biology</i> , 1996, 257, 839-847.	2.0	116
25	Role of Annexin A2 in the Production of Infectious Hepatitis C Virus Particles. <i>Journal of Virology</i> , 2010, 84, 5775-5789.	1.5	114
26	Differential expression of annexins I, II and IV in human tissues: an immunohistochemical study. <i>Histochemistry and Cell Biology</i> , 1998, 110, 137-148.	0.8	112
27	The Annexin 2/S100A10 Complex Controls the Distribution of Transferrin Receptor-containing Recycling Endosomes. <i>Molecular Biology of the Cell</i> , 2003, 14, 4896-4908.	0.9	109
28	Structural analysis of junctions formed between lipid membranes and several annexins by cryo-electron microscopy <sup>1</sup> Edited by M. F. Moody. <i>Journal of Molecular Biology</i> , 1997, 272, 42-55.	2.0	107
29	A common haplotype of the annexin A5 (ANXA5) gene promoter is associated with recurrent pregnancy loss. <i>Human Molecular Genetics</i> , 2007, 16, 573-578.	1.4	107
30	Rab3D and annexin A2 play a role in regulated secretion of vWF, but not tPA, from endothelial cells. <i>EMBO Journal</i> , 2004, 23, 2982-2992.	3.5	106
31	Ca <sup>2+</sup> -dependent Binding and Activation of Dormant Ezrin by Dimeric S100P. <i>Molecular Biology of the Cell</i> , 2003, 14, 2372-2384.	0.9	99
32	Annexin 2 has an essential role in actin-based macropinocytic rocketing. <i>Current Biology</i> , 2001, 11, 1136-1141.	1.8	94
33	aPKC phosphorylates JAM-A at Ser285 to promote cell contact maturation and tight junction formation. <i>Journal of Cell Biology</i> , 2012, 196, 623-639.	2.3	92
34	Structural requirements for annexin I-S100C complex-formation. <i>Biochemical Journal</i> , 1996, 319, 123-129.	1.7	87
35	Cell-surface attachment of pedestal-forming enteropathogenic <i>E. coli</i> induces a clustering of raft components and a recruitment of annexin 2. <i>Journal of Cell Science</i> , 2002, 115, 91-98.	1.2	86
36	Annexin II Is Required for Apical Transport in Polarized Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 3680-3684.	1.6	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. <i>EMBO Molecular Medicine</i> , 2011, 3, 102-114.	3.3	80
38	Lipid Segregation and Membrane Budding Induced by the Peripheral Membrane Binding Protein Annexin A2*. <i>Journal of Biological Chemistry</i> , 2013, 288, 24764-24776.	1.6	79
39	Cell-surface attachment of pedestal-forming enteropathogenic <i>E. coli</i> induces a clustering of raft components and a recruitment of annexin 2. <i>Journal of Cell Science</i> , 2002, 115, 91-8.	1.2	76
40	Annexin A8 displays unique phospholipid and F-actin binding properties. <i>FEBS Letters</i> , 2006, 580, 2430-2434.	1.3	72
41	Annexin II Modulates Volume-activated Chloride Currents in Vascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 30631-30636.	1.6	70
42	Annexin I targets S100C to early endosomes. <i>FEBS Letters</i> , 1997, 413, 185-190.	1.3	70
43	Functional Activation of the Formyl Peptide Receptor by a New Endogenous Ligand in Human Lung A549 Cells. <i>Journal of Immunology</i> , 2002, 169, 1500-1504.	0.4	69
44	The Annexin II-p11 Complex Is Involved in Regulated Exocytosis in Bovine Pulmonary Artery Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 19679-19684.	1.6	68
45	Characterization of the Ca <sup>2+</sup> -regulated Ezrin-S100P Interaction and Its Role in Tumor Cell Migration. <i>Journal of Biological Chemistry</i> , 2008, 283, 29331-29340.	1.6	68
46	Kinetics and Thermodynamics of Annexin A1 Binding to Solid-Supported Membranes: A QCM Study. <i>Biochemistry</i> , 2002, 41, 10087-10094.	1.2	66
47	Myosin Va Acts in Concert with Rab27a and MyRIP to Regulate Acute von Willebrand Factor Release from Endothelial Cells. <i>Traffic</i> , 2011, 12, 1371-1382.	1.3	64
48	Phospholipase D1 is specifically required for regulated secretion of von Willebrand factor from endothelial cells. <i>Blood</i> , 2009, 113, 973-980.	0.6	62
49	Mapping of a regulatory important site for protein kinase C phosphorylation in the N-terminal domain of annexin II. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996, 1313, 283-289.	1.9	61
50	VAMP3 is associated with endothelial Weibel-Palade bodies and participates in their Ca <sup>2+</sup> -dependent exocytosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1038-1044.	1.9	61
51	Phosphatidylserine Membrane Domain Clustering Induced by Annexin A2/S100A10 Heterotetramer. <i>Biochemistry</i> , 2005, 44, 15296-15303.	1.2	60
52	Activation of F-Actin Binding Capacity of Ezrin: Synergism of PIP2 Interaction and Phosphorylation. <i>Biophysical Journal</i> , 2011, 100, 1708-1717.	0.2	60
53	Late Endosomal/Lysosomal Cholesterol Accumulation Is a Host Cell-Protective Mechanism Inhibiting Endosomal Escape of Influenza A Virus. <i>MBio</i> , 2018, 9, .	1.8	59
54	Evolutionary and Molecular Facts Link the WWC Protein Family to Hippo Signaling. <i>Molecular Biology and Evolution</i> , 2014, 31, 1710-1723.	3.5	57

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55	S100A1-ANNEXIN COMPLEXES: SOME INSIGHTS FROM STRUCTURAL STUDIES. Cell Biology International, 2000, 24, 799-802.	1.4	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.	0.6	56
57	Cooperative Adsorption of Ezrin on PIP2-Containing Membranes. Biochemistry, 2006, 45, 13025-13034.	1.2	54
58	Reversible Stabilization of Vesicles: Redox-Responsive Polymer Nanocontainers for Intracellular Delivery. Angewandte Chemie - International Edition, 2017, 56, 9603-9607.	7.2	54
59	Imidazolium Salts Mimicking the Structure of Natural Lipids Exploit Remarkable Properties Forming Lamellar Phases and Giant Vesicles. Langmuir, 2017, 33, 1333-1342.	1.6	54
60	Hydrophobic residues in the C-terminal region of S100A1 are essential for target protein binding but not for dimerization. Cell Calcium, 1998, 24, 137-151.	1.1	53
61	Regulation of Mitochondrial Morphogenesis by Annexin A6. PLoS ONE, 2013, 8, e53774.	1.1	53
62	Mapping of three unique Ca <sup>2+</sup> -binding sites in human annexin II. FEBS Journal, 1992, 207, 923-930.	0.2	52
63	Characterization of the cell-cycle-regulated protein calyculin from Ehrlich ascites tumor cells. Identification of two binding proteins obtained by Ca <sup>2+</sup> -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.	1.9	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.	1.7	51
66	The Formation of the cAMP/Protein Kinase A-dependent Annexin 2-S100A10 Complex with Cystic Fibrosis Conductance Regulator Protein (CFTR) Regulates CFTR Channel Function. Molecular Biology of the Cell, 2007, 18, 3388-3397.	0.9	50
67	Tetraspanin CD9 links junctional adhesion molecule-A to $\alpha$ <sub>v</sub> $\beta$ <sub>3</sub> integrin to mediate basic fibroblast growth factor-specific angiogenic signaling. Molecular Biology of the Cell, 2013, 24, 933-944.	0.9	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.	1.0	49
69	S100P Is a Novel Interaction Partner and Regulator of IQGAP1. Journal of Biological Chemistry, 2011, 286, 7227-7238.	1.6	49
70	Cytoskeletal modulation of the response to mechanical stimulation in human vascular endothelial cells. Pflügers Archiv European Journal of Physiology, 1994, 428, 569-576.	1.3	48
71	Complex formation and submembranous localization of annexin 2 and S100A10 in live HepG2 cells. FEBS Letters, 2001, 500, 137-140.	1.3	48
72	Annexin A8 controls leukocyte recruitment to activated endothelial cells via cell surface delivery of CD63. Nature Communications, 2014, 5, 3738.	5.8	47

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73	Disruption of Endothelial Microfilaments Selectively Reduces the Transendothelial Migration of Monocytes. <i>Experimental Cell Research</i> , 1998, 243, 129-141.	1.2	46
74	Annexin A8 Regulates Late Endosome Organization and Function. <i>Molecular Biology of the Cell</i> , 2008, 19, 5267-5278.	0.9	46
75	Annexin A2 is involved in Ca <sup>2+</sup> -dependent plasma membrane repair in primary human endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1046-1053.	1.9	45
76	Association of annexin 2 with recycling endosomes requires either calcium- or cholesterol-stabilized membrane domains. <i>European Journal of Cell Biology</i> , 2001, 80, 499-507.	1.6	44
77	JAM-A regulates cortical dynein localization through Cdc42 to control planar spindle orientation during mitosis. <i>Nature Communications</i> , 2015, 6, 8128.	5.8	44
78	Annexin A6-Balanced Late Endosomal Cholesterol Controls Influenza A Replication and Propagation. <i>MBio</i> , 2013, 4, e00608-13.	1.8	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. <i>FASEB Journal</i> , 2019, 33, 12188-12199.	0.2	43
80	Phosphatidylinositol 4,5-Bisphosphate Alters the Number of Attachment Sites between Ezrin and Actin Filaments. <i>Journal of Biological Chemistry</i> , 2014, 289, 9833-9843.	1.6	41
81	Endothelial Rho signaling is required for monocyte transendothelial migration. <i>FEBS Letters</i> , 2002, 517, 261-266.	1.3	40
82	Annexin A1 is a new functional linker between actin filaments and phagosomes during phagocytosis. <i>Journal of Cell Science</i> , 2011, 124, 578-588.	1.2	40
83	The annexin 2-S100A10 complex and its association with TRPV6 is regulated by cAMP/PKA/CnA in airway and gut epithelia. <i>Cell Calcium</i> , 2008, 44, 147-157.	1.1	39
84	Identification of an AHNAK Binding Motif Specific for the Annexin2/S100A10 Tetramer. <i>Journal of Biological Chemistry</i> , 2006, 281, 35030-35038.	1.6	37
85	Actin Binding of Ezrin Is Activated by Specific Recognition of PIP <sub>2</sub> -Functionalized Lipid Bilayers. <i>Biochemistry</i> , 2008, 47, 3762-3769.	1.2	37
86	Disruption of the annexin A1/S100A11 complex increases the migration and clonogenic growth by dysregulating epithelial growth factor (EGF) signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1700-1711.	1.9	36
87	A novel Munc13-4/S100A10/annexin A2 complex promotes Weibel's Palade body exocytosis in endothelial cells. <i>Molecular Biology of the Cell</i> , 2017, 28, 1688-1700.	0.9	36
88	Rab35 protein regulates evoked exocytosis of endothelial Weibel's Palade bodies. <i>Journal of Biological Chemistry</i> , 2017, 292, 11631-11640.	1.6	35
89	Annexins and plasma membrane repair. <i>Current Topics in Membranes</i> , 2019, 84, 43-65.	0.5	34
90	Folding energetics of ligand binding proteins II. Cooperative binding of Ca <sup>2+</sup> to annexin I. <i>Journal of Molecular Biology</i> , 2001, 306, 825-835.	2.0	33

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91	Membrane Composition Affects the Reversibility of Annexin A2 Binding to Solid Supported Membranes: A QCM Study. <i>Biochemistry</i> , 2003, 42, 3131-3141.	1.2	33
92	The Molecular Arrangement of Membrane-Bound Annexin A2-S100A10 Tetramer as Revealed by Scanning Force Microscopy. <i>ChemBioChem</i> , 2004, 5, 1003-1006.	1.3	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. <i>Biochemical Journal</i> , 1999, 343, 653-662.	1.7	32
94	A comparison of the energetics of annexin I and annexin V. <i>Journal of Molecular Biology</i> , 1999, 288, 1013-1025.	2.0	31
95	Cooperative Binding of Annexin A2 to Cholesterol- and Phosphatidylinositol-4,5-Bisphosphate-Containing Bilayers. <i>Biophysical Journal</i> , 2014, 107, 2070-2081.	0.2	31
96	Visualization of Annexin I Binding to Calcium-Induced Phosphatidylserine Domains. <i>ChemBioChem</i> , 2001, 2, 587-590.	1.3	30
97	N-terminal acetylation of annexin A2 is required for S100A10 binding. <i>Biological Chemistry</i> , 2012, 393, 1141-1150.	1.2	29
98	Specific association of annexin 1 with plasma membrane-resident and internalized EGF receptors mediated through the protein core domain. <i>FEBS Letters</i> , 2004, 578, 95-98.	1.3	28
99	Identification of Hydrophobic Amino Acid Residues Involved in the Formation of S100P Homodimers in Vivo. <i>Biochemistry</i> , 2000, 39, 9533-9539.	1.2	27
100	Annexin A4 is a novel direct regulator of adenylyl cyclase type 5. <i>FASEB Journal</i> , 2015, 29, 3773-3787.	0.2	27
101	Consensus peptide antibodies reveal a widespread occurrence of Ca <sup>2+</sup> /lipid-binding proteins of the annexin family. <i>FEBS Letters</i> , 1989, 258, 259-262.	1.3	26
102	Cloning and characterization of the human gene encoding p11: structural similarity to other members of the S-100 gene family. <i>Gene</i> , 1992, 113, 269-274.	1.0	26
103	The Acidic C-terminal Domain of rna1p Is Required for the Binding of Ran-GTP and for RanGAP Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 24717-24726.	1.6	26
104	Modes of annexin-membrane interactions analyzed by employing chimeric annexin proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2000, 1498, 174-180.	1.9	26
105	Modeling of annexin A2 Membrane interactions by molecular dynamics simulations. <i>PLoS ONE</i> , 2017, 12, e0185440.	1.1	26
106	Regulation of von-Willebrand Factor Secretion from Endothelial Cells by the Annexin A2-S100A10 Complex. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1752.	1.8	26
107	Weibel Palade Bodies: Unique Secretory Organelles of Endothelial Cells that Control Blood Vessel Homeostasis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 813995.	1.8	26
108	Mode of Ezrin-Membrane Interaction as a Function of PIP 2 Binding and Pseudophosphorylation. <i>Biophysical Journal</i> , 2016, 110, 2710-2719.	0.2	25

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109	TSC1 binding to lysosomal PIPs is required for TSC complex translocation and mTORC1 regulation. <i>Molecular Cell</i> , 2021, 81, 2705-2721.e8.	4.5	25
110	Addressable Cholesterol Analogs for Live Imaging of Cellular Membranes. <i>Cell Chemical Biology</i> , 2018, 25, 952-961.e12.	2.5	22
111	Atypical properties displayed by annexin A9, a novel member of the annexin family of Ca <sup>2+</sup> and lipid binding proteins. <i>FEBS Letters</i> , 2003, 546, 359-364.	1.3	21
112	Phosphorescent cationic iridium( <sup>III</sup> ) complexes dynamically bound to cyclodextrin vesicles: applications in live cell imaging. <i>Chemical Science</i> , 2018, 9, 7822-7828.	3.7	21
113	Annexin A1 and A2: Roles in Retrograde Trafficking of Shiga Toxin. <i>PLoS ONE</i> , 2012, 7, e40429.	1.1	20
114	VE-cadherin interacts with cell polarity protein Pals1 to regulate vascular lumen formation. <i>Molecular Biology of the Cell</i> , 2016, 27, 2811-2821.	0.9	20
115	The mitochondrial outer membrane protein SYNJ2BP interacts with the cell adhesion molecule TMIGD1 and can recruit it to mitochondria. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 30.	1.0	20
116	Primary structure and expression of the <i>Xenopus laevis</i> gene encoding annexin II. <i>Gene</i> , 1991, 104, 259-264.	1.0	19
117	Bridging of membrane surfaces by annexin A2. <i>Scientific Reports</i> , 2018, 8, 14662.	1.6	18
118	Formation and Characterization of Supported Lipid Bilayers Containing Phosphatidylinositol-4,5-bisphosphate and Cholesterol as Functional Surfaces. <i>Langmuir</i> , 2014, 30, 14877-14886.	1.6	16
119	The tumor suppressor annexin A10 is a novel component of nuclear paraspeckles. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 311-329.	2.4	16
120	Cooperative binding promotes demand-driven recruitment of AnxA8 to cholesterol-containing membranes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 349-358.	1.2	16
121	Annexins A2 and A8 in endothelial cell exocytosis and the control of vascular homeostasis. <i>Biological Chemistry</i> , 2016, 397, 995-1003.	1.2	15
122	Actin dynamics during Ca <sup>2+</sup> -dependent exocytosis of endothelial Weibel-Palade bodies. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1218-1229.	1.9	15
123	Plasma membrane wound repair is characterized by extensive membrane lipid and protein rearrangements in vascular endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118991.	1.9	15
124	Hydrogen peroxide is a neuronal alarmin that triggers specific RNAs, local translation of Annexin A2, and cytoskeletal remodeling in Schwann cells. <i>Rna</i> , 2018, 24, 915-925.	1.6	14
125	Controlled Cellular Delivery of Amphiphilic Cargo by Redox-Responsive Nanocontainers. <i>Advanced Science</i> , 2019, 6, 1901935.	5.6	14
126	The expression of different annexins in the fish embryo is developmentally regulated. <i>FEBS Letters</i> , 1994, 352, 227-230.	1.3	13



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127	CHIMs are versatile cholesterol analogs mimicking and visualizing cholesterol behavior in lipid bilayers and cells. <i>Communications Biology</i> , 2021, 4, 720.	2.0	13
128	JAM-A interacts with $\beta_1$ integrin and tetraspanins CD151 and CD9 to regulate collective cell migration of polarized epithelial cells. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 88.	2.4	13
129	Characterization of a discontinuous epitope on annexin II by site-directed mutagenesis. <i>FEBS Letters</i> , 1991, 285, 59-62.	1.3	12
130	Defective formation of PKA/CnA-dependent annexin 2 $\alpha$ -S100A10/CFTR complex in $\Delta$ F508 cystic fibrosis cells. <i>Cellular Signalling</i> , 2008, 20, 1073-1083.	1.7	12
131	An Imidazolium-Based Lipid Analogue as a Gene Transfer Agent. <i>Chemistry - A European Journal</i> , 2020, 26, 17176-17182.	1.7	12
132	Phospholipid vesicle binding and aggregation by four novel fish annexins are differently regulated by Ca <sup>2+</sup> . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998, 1448, 311-319.	1.9	11
133	Ezrin interacts with the scaffold protein IQGAP1 and affects its cortical localization. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2086-2094.	1.9	11
134	Reversible Stabilisierung von Vesikeln: redox-responsive Polymer-Nanocontainer für den Transport in das Zellinnere. <i>Angewandte Chemie</i> , 2017, 129, 9732-9736.	1.6	11
135	Transduction of Ca <sup>2+</sup> signals upon fertilization of eggs; identification of an S-100 protein as a major Ca <sup>2+</sup> -binding protein. <i>Mechanisms of Development</i> , 1993, 42, 151-158.	1.7	10
136	Membrane Binding Promotes Annexin A2 Oligomerization. <i>Cells</i> , 2020, 9, 1169.	1.8	10
137	Tyrosine kinase substrate annexin II (p36) – biochemical characterization and conservation among species. <i>Biochemical Society Transactions</i> , 1990, 18, 1106-1108.	1.6	9
138	Annexin A4 N-terminal peptide inhibits adenylyl cyclase 5 and limits $\beta_1$ -adrenoceptor-mediated prolongation of cardiac action potential. <i>FASEB Journal</i> , 2020, 34, 10489-10504.	0.2	9
139	Polythiolactone-Decorated Silica Particles: A Versatile Approach for Surface Functionalization, Catalysis and Encapsulation. <i>Chemistry - A European Journal</i> , 2021, 27, 7667-7676.	1.7	9
140	Exploring Biased Agonism at FPR1 as a Means to Encode Danger Sensing. <i>Cells</i> , 2020, 9, 1054.	1.8	8
141	Biodegradable and Dual-Responsive Polypeptide-Shelled Cyclodextrin Containers for Intracellular Delivery of Membrane-Impermeable Cargo. <i>Advanced Science</i> , 2021, 8, 2100694.	5.6	8
142	Generation and characterization of a novel, permanently active S100P mutant. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1078-1085.	1.9	7
143	Transcriptional Profiling of Human Monocytes Identifies the Inhibitory Receptor CD300a as Regulator of Transendothelial Migration. <i>PLoS ONE</i> , 2013, 8, e73981.	1.1	7
144	Plasma membrane phosphatidylinositol (4,5)-bisphosphate promotes Weibel-Palade body exocytosis. <i>Life Science Alliance</i> , 2020, 3, e202000788.	1.3	6

#	ARTICLE	IF	CITATIONS
145	Annexins And Membrane Organisation In The Endocytic Pathway. Cellular and Molecular Biology Letters, 2001, 6, 204.	2.7	6
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147	Recombinant expression and domain structure of the Rna1 protein from Schizosaccharomyces pombe. FEBS Letters, 1995, 357, 173-177.	1.3	5
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153	Acidification of endothelial Weibel-Palade bodies is mediated by the vacuolar-type H <sup>+</sup> -ATPase. PLoS ONE, 2022, 17, e0270299.	1.1	4
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159	Obituary for Annette Draeger. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118973.	1.9	1
160	ANO5 in membrane repair - Status: $\alpha$ 's complicated. Cell Calcium, 2021, 97, 102415.	1.1	1
161	Innen- $\frac{1}{4}$ cktitelbild: Reversible Stabilisierung von Vesikeln: redox-responsive Polymer-Nanocontainer f $\frac{1}{4}$ r den Transport in das Zellinnere (Angew. Chem. 32/2017). Angewandte Chemie, 2017, 129, 9753-9753.	1.6	0
162	Polymer Nanocontainers: Controlled Cellular Delivery of Amphiphilic Cargo by Redox-Responsive Nanocontainers (Adv. Sci. 24/2019). Advanced Science, 2019, 6, 1970146.	5.6	0

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163	Special Issue "Recent Developments in Annexin Biology" Cells, 2020, 9, 2477.	1.8	0