Thomas Grewal

List of Publications by Year
in descending order

97	4,120	76326	128289
papers	citations	40 h-index	60 g-index

98	98	98	5239
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adipocyte lipolysis links obesity to breast cancer growth: adipocyte-derived fatty acids drive breast cancer cell proliferation and migration. Cancer & Metabolism, 2017, 5, 1.	5.0	284
2	Identification and Characterization of Associated with Lipid Droplet Protein 1: A Novel Membrane-Associated Protein That Resides on Hepatic Lipid Droplets. Traffic, 2006, 7, 1254-1269.	2.7	179
3	Annexins â€" Modulators of EGF receptor signalling and trafficking. Cellular Signalling, 2009, 21, 847-858.	3.6	126
4	Impaired Recycling of Apolipoprotein E4 Is Associated with Intracellular Cholesterol Accumulation. Journal of Biological Chemistry, 2004, 279, 55483-55492.	3.4	117
5	Apolipoprotein E Recycling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 442-448.	2.4	115
6	Cholesterol Regulates Syntaxin 6 Trafficking at trans-Golgi Network Endosomal Boundaries. Cell Reports, 2014, 7, 883-897.	6.4	104
7	Cholesterol Modulates the Membrane Binding and Intracellular Distribution of Annexin 6. Journal of Biological Chemistry, 2002, 277, 32187-32194.	3.4	97
8	Functional Implications of Plasma Membrane Condensation for T Cell Activation. PLoS ONE, 2008, 3, e2262.	2.5	96
9	Annexin A6â€Induced Alterations in Cholesterol Transport and Caveolin Export from the Golgi Complex. Traffic, 2007, 8, 1568-1589.	2.7	95
10	Annexin VI Stimulates Endocytosis and Is Involved in the Trafficking of Low Density Lipoprotein to the Prelysosomal Compartment. Journal of Biological Chemistry, 2000, 275, 33806-33813.	3.4	93
11	Insulin stimulates hepatic low density lipoprotein receptor-related protein 1 (LRP1) to increase postprandial lipoprotein clearance. Atherosclerosis, 2009, 204, 105-111.	0.8	86
12	Annexin A6 stimulates the membrane recruitment of p120GAP to modulate Ras and Raf-1 activity. Oncogene, 2005, 24, 5809-5820.	5.9	84
13	p38 MAPK inhibitors attenuate pro-inflammatory cytokine production and the invasiveness of human U251 glioblastoma cells. Journal of Neuro-Oncology, 2012, 109, 35-44.	2.9	78
14	Annexin A6â€"Linking Ca2+ signaling with cholesterol transport. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 935-947.	4.1	77
15	Recycling of Apoprotein E Is Associated with Cholesterol Efflux and High Density Lipoprotein Internalization. Journal of Biological Chemistry, 2003, 278, 14370-14378.	3.4	75
16	Intracellular chloride channel protein CLIC1 regulates macrophage functions via modulation of phagosomal acidification. Journal of Cell Science, 2012, 125, 5479-88.	2.0	75
17	High Density Lipoprotein-induced Signaling of the MAPK Pathway Involves Scavenger Receptor Type BI-mediated Activation of Ras. Journal of Biological Chemistry, 2003, 278, 16478-16481.	3.4	70
18	Hydrophobic and Basic Domains Target Proteins to Lipid Droplets. Traffic, 2009, 10, 1785-1801.	2.7	67

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19	Annexin A6-regulator of the EGFR/Ras signalling pathway and cholesterol homeostasis. International Journal of Biochemistry and Cell Biology, 2010, 42, 580-584.	2.8	66
20	Annexin A6 inhibits Ras signalling in breast cancer cells. Oncogene, 2009, 28, 363-377.	5.9	65
21	Annexin A6 is a scaffold for PKCÎ± to promote EGFR inactivation. Oncogene, 2013, 32, 2858-2872.	5.9	64
22	Annexins â€“ insights from knockout mice. Biological Chemistry, 2016, 397, 1031-1053.	2.5	64
23	Plasma Membrane-associated Annexin A6 Reduces Ca2+ Entry by Stabilizing the Cortical Actin Cytoskeleton. Journal of Biological Chemistry, 2009, 284, 17227-17242.	3.4	63
24	Recycling of Apolipoprotein E and Lipoprotein Lipase through Endosomal Compartments in Vivo. Journal of Biological Chemistry, 2001, 276, 42333-42338.	3.4	59
25	Cholesterol transport from late endosomes to the Golgi regulates t-SNARE trafficking, assembly, and function. Molecular Biology of the Cell, 2011, 22, 4108-4123.	2.1	59
26	Late Endosomal/Lysosomal Cholesterol Accumulation Is a Host Cell-Protective Mechanism Inhibiting Endosomal Escape of Influenza A Virus. MBio, 2018, 9, .	4.1	59
27	Annexin A6 is an organizer of membrane microdomains to regulate receptor localization and signalling. IUBMB Life, 2011, 63, 1009-1017.	3.4	58
28	Annexin A6 modulates TBC1D15/Rab7/StARD3 axis to control endosomal cholesterol export in NPC1 cells. Cellular and Molecular Life Sciences, 2020, 77, 2839-2857.	5.4	54
29	Role of cholesterol in SNARE-mediated trafficking on intracellular membranes. Journal of Cell Science, 2015, 128, 1071-81.	2.0	53
30	Annexin A6â€”A multifunctional scaffold in cell motility. Cell Adhesion and Migration, 2017, 11, 288-304.	2.7	53
31	Molecular mechanisms involved in Ras inactivation: the annexin A6â€“p120GAP complex. BioEssays, 2006, 28, 1211-1220.	2.5	52
32	Annexin A6 in the liver: From the endocytic compartment to cellular physiology. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 933-946.	4.1	52
33	Annexins â€” Scaffolds modulating PKC localization and signaling. Cellular Signalling, 2014, 26, 1213-1225.	3.6	49
34	Differential Regulation of RasGAPs in Cancer. Genes and Cancer, 2011, 2, 288-297.	1.9	48
35	Annexinsâ€”Coordinators of Cholesterol Homeostasis in Endocytic Pathways. International Journal of Molecular Sciences, 2018, 19, 1444.	4.1	48
36	Low Density Lipoprotein Receptor-Related Protein 1 Dependent Endosomal Trapping and Recycling of Apolipoprotein E. PLoS ONE, 2012, 7, e29385.	2.5	48

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37	Evidence for the Involvement of Annexin 6 in the Trafficking between the Endocytic Compartment and Lysosomes. Experimental Cell Research, 2001, 269, 13-22.	2.6	47
38	Annexin A6-induced Inhibition of Cytoplasmic Phospholipase A2 Is Linked to Caveolin-1 Export from the Golgi. Journal of Biological Chemistry, 2008, 283, 10174-10183.	3.4	43
39	Annexin A6-Balanced Late Endosomal Cholesterol Controls Influenza A Replication and Propagation. MBio, 2013, 4, e00608-13.	4.1	43
40	Annexin A6 and Late Endosomal Cholesterol Modulate Integrin Recycling and Cell Migration. Journal of Biological Chemistry, 2016, 291, 1320-1335.	3.4	43
41	Late Endocytic Compartments Are Major Sites of Annexin VI Localization in NRK Fibroblasts and Polarized WIF-B Hepatoma Cells. Experimental Cell Research, 2000, 257, 33-47.	2.6	42
42	Protein Kinase CÎ´ and Calmodulin Regulate Epidermal Growth Factor Receptor Recycling from Early Endosomes through Arp2/3 Complex and Cortactin. Molecular Biology of the Cell, 2008, 19, 17-29.	2.1	41
43	Heterogeneity of fatty acid metabolism in breast cancer cells underlies differential sensitivity to palmitateâ€induced apoptosis. Molecular Oncology, 2018, 12, 1623-1638.	4.6	40
44	Evidence for annexin <scp>A</scp>6â€dependent plasma membrane remodelling of lipid domains. British Journal of Pharmacology, 2015, 172, 1677-1690.	5.4	38
45	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
46	Cholesterol transport from late endosomes to the Golgi regulates t-SNARE trafficking, assembly, and function. Molecular Biology of the Cell, 2011, 22, 4108-4123.	2.1	36
47	Inhibition of H-Ras and MAPK is compensated by PKC-dependent pathways in annexin A6 expressing cells. Cellular Signalling, 2006, 18, 1006-1016.	3.6	35
48	Inhibition of Mitogen-Activated Protein Kinase Erk1/2 Promotes Protein Degradation of ATP Binding Cassette Transporters A1 and G1 in CHO and HuH7 Cells. PLoS ONE, 2013, 8, e62667.	2.5	35
49	Annexin Animal Modelsâ€"From Fundamental Principles to Translational Research. International Journal of Molecular Sciences, 2021, 22, 3439.	4.1	33
50	Annexins in Adipose Tissue: Novel Players in Obesity. International Journal of Molecular Sciences, 2019, 20, 3449.	4.1	27
51	Annexin A6 regulates interleukinâ€2â€mediated Tâ€cell proliferation. Immunology and Cell Biology, 2016, 94, 543-553.	2.3	26
52	Annexin A6 protein is downregulated in human hepatocellular carcinoma. Molecular and Cellular Biochemistry, 2016, 418, 81-90.	3.1	25
53	Activation of Endothelial Nitric Oxide (eNOS) Occurs through Different Membrane Domains in Endothelial Cells. PLoS ONE, 2016, 11, e0151556.	2.5	25
54	Triton X-100 promotes a cholesterol-dependent condensation of the plasma membrane. Biochemical Journal, 2009, 420, 373-381.	3.7	24

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55	Methodologies for Investigating Natural Medicines for the Treatment of Nonalcoholic Fatty Liver Disease (NAFLD). Current Pharmaceutical Biotechnology, 2012, 13, 278-291.	1.6	24
56	Apolipoprotein E promotes lipid accumulation and differentiation in human adipocytes. Experimental Cell Research, 2015, 337, 94-102.	2.6	22
57	Signal Transduction Pathways Provide Opportunities to Enhance HDL and apoAI-Dependent Reverse Cholesterol Transport. Current Pharmaceutical Biotechnology, 2012, 13, 352-364.	1.6	21
58	Compound K modulates fatty acidâ€induced lipid droplet formation and expression of proteins involved in lipid metabolism in hepatocytes. Liver International, 2013, 33, 1583-1593.	3.9	21
59	Activation of Raf-1 is defective in annexin 6 overexpressing Chinese hamster ovary cells. FEBS Letters, 2001, 501, 69-73.	2.8	20
60	Putative Transmembrane Domain 6 of the Human Organic Anion Transporting Polypeptide 1A2 (OATP1A2) Influences Transporter Substrate Binding, Protein Trafficking, and Quality Control. Molecular Pharmaceutics, 2015, 12, 111-119.	4.6	20
61	Annexin A6 regulates adipocyte lipid storage and adiponectin release. Molecular and Cellular Endocrinology, 2017, 439, 419-430.	3.2	20
62	Diverse Roles of Annexin A6 in Triple-Negative Breast Cancer Diagnosis, Prognosis and EGFR-Targeted Therapies. Cells, 2020, 9, 1855.	4.1	20
63	Annexin A6 Is Critical to Maintain Glucose Homeostasis and Survival During Liver Regeneration in Mice. Hepatology, 2020, 72, 2149-2164.	7.3	20
64	Ras/Mitogen-activated Protein Kinase (MAPK) Signaling Modulates Protein Stability and Cell Surface Expression of Scavenger Receptor SR-BI. Journal of Biological Chemistry, 2011, 286, 23077-23092.	3.4	19
65	Annexins: Ca2+ Effectors Determining Membrane Trafficking in the Late Endocytic Compartment. Advances in Experimental Medicine and Biology, 2017, 981, 351-385.	1.6	19
66	Oncogenic Ras modulates p38 MAPK-mediated inflammatory cytokine production in glioblastoma cells. Cancer Biology and Therapy, 2016, 17, 355-363.	3.4	18
67	Identifying low density lipoprotein cholesterol associated variants in the Annexin A2 (ANXA2) gene. Atherosclerosis, 2017, 261, 60-68.	0.8	18
68	Altered hepatic glucose homeostasis in AnxA6-KO mice fed a high-fat diet. PLoS ONE, 2018, 13, e0201310.	2.5	18
69	The cross-talk of LDL-cholesterol with cell motility: Insights from the Niemann Pick Type C1 mutation and altered integrin trafficking. Cell Adhesion and Migration, 2015, 9, 384-391.	2.7	17
70	Role of hepatic Annexin A6 in fatty acid-induced lipid droplet formation. Experimental Cell Research, 2017, 358, 397-410.	2.6	17
71	Differential RNA interference: replacement of endogenous with recombinant low density lipoprotein receptor-related protein (LRP). European Journal of Cell Biology, 2004, 83, 113-120.	3.6	16
72	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

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73	Prostate cancer cell proliferation is influenced by LDL-cholesterol availability and cholesteryl ester turnover. Cancer & Metabolism, 2022, 10, 1.	5.0	16
74	Functional analysis of pharmacogenetic variants of human organic cation/carnitine transporter 2 (hOCTN2) identified in Singaporean populations. Biochemical Pharmacology, 2011, 82, 1692-1699.	4.4	14
75	Caveolin-1-Mediated Apolipoprotein A-I Membrane Binding Sites Are Not Required for Cholesterol Efflux. PLoS ONE, 2011, 6, e23353.	2.5	13
76	Identification of dual PPARÎ±/Î³ agonists and their effects on lipid metabolism. Bioorganic and Medicinal Chemistry, 2015, 23, 7676-7684.	3.0	12
77	Cholesterol Overload: Contact Sites to the Rescue!. Contact (Thousand Oaks (Ventura County, Calif) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	12
78	Annexin A6 improves antiâ€migratory and antiâ€invasive properties of tyrosine kinase inhibitors in EGFR overexpressing human squamous epithelial cells. FEBS Journal, 2020, 287, 2961-2978.	4.7	12
79	Selective Degradation Permits a Feedback Loop Controlling Annexin A6 and Cholesterol Levels in Endolysosomes of NPC1 Mutant Cells. Cells, 2020, 9, 1152.	4.1	12
80	Annexin A6 is highly abundant in monocytes of obese and type 2 diabetic individuals and is downregulated by adiponectin in vitro. Experimental and Molecular Medicine, 2009, 41, 501.	7.7	11
81	Annexin A6 and NPC1 regulate LDL-inducible cell migration and distribution of focal adhesions. Scientific Reports, 2022, 12, 596.	3.3	11
82	Casein Kinase 2 Is a Novel Regulator of the Human Organic Anion Transporting Polypeptide 1A2 (OATP1A2) Trafficking. Molecular Pharmaceutics, 2016, 13, 144-154.	4.6	10
83	GTPases Rac1 and Ras Signaling from Endosomes. Progress in Molecular and Subcellular Biology, 2018, 57, 65-105.	1.6	10
84	Annexins Bridging the Gap: Novel Roles in Membrane Contact Site Formation. Frontiers in Cell and Developmental Biology, 2021, 9, 797949.	3.7	10
85	Involvement of Targeting and Scaffolding Proteins in the Regulation of the EGFR/Ras/MAPK Pathway in Oncogenesis. Current Signal Transduction Therapy, 2006, 1, 147-167.	0.5	9
86	Differential involvement of H- and K-Ras in Raf-1 activation determines the role of calmodulin in MAPK signaling. Cellular Signalling, 2009, 21, 1827-1836.	3.6	9
87	Pleiotropic Roles of Calmodulin in the Regulation of KRas and Rac1 GTPases: Functional Diversity in Health and Disease. International Journal of Molecular Sciences, 2020, 21, 3680.	4.1	9
88	Annexins and Endosomal Signaling. Methods in Enzymology, 2014, 535, 55-74.	1.0	8
89	Linking Late Endosomal Cholesterol with Cancer Progression and Anticancer Drug Resistance. International Journal of Molecular Sciences, 2022, 23, 7206.	4.1	7
90	Emerging Insights on the Diverse Roles of Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) in Chronic Liver Diseases: Cholesterol Metabolism and Beyond. International Journal of Molecular Sciences, 2022, 23, 1070.	4.1	6

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91	Highlight: annexins in health and disease. Biological Chemistry, 2016, 397, 947-948.	2.5	5
92	Annexins in cell migration and adhesion. Cell Adhesion and Migration, 2017, 11, 245-246.	2.7	3
93	Lack of Annexin A6 Exacerbates Liver Dysfunction and Reduces Lifespan of Niemann-Pick Type C Proteinâ€“Deficient Mice. American Journal of Pathology, 2021, 191, 475-486.	3.8	3
94	Role of Annexin 6 in Receptor-Mediated Endocytosis, Membrane Trafficking and Signal Transduction. Molecular Biology Intelligence Unit, 2003, , 157-171.	0.2	1
95	Editorial [Hot Topic:New Methodology and Approaches to Intracellular Lipid Transport in Atherosclerosis and Cardiovascular Disease (Guest Editors: Basil D. Roufogalis and Thomas Grewal)]. Current Pharmaceutical Biotechnology, 2012, 13, 276-277.	1.6	0
96	Identifying LDL-C associated variants in the Annexin a2 (ANXA2) gene. Atherosclerosis, 2017, 263, e20.	0.8	0
97	The Actin Cytoskeleton and Membrane Organisation in T Lymphocytes. , 2012, , 103-121.		0