

# Thomas Grewal

## List of Publications by Year in descending order

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97  
papers

4,120  
citations

76196

40  
h-index

128067

60  
g-index

98  
all docs

98  
docs citations

98  
times ranked

5239  
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. <i>Cancer &amp; Metabolism</i> , 2017, 5, 1.	2.4	284
2	Identification and Characterization of Associated with Lipid Droplet Protein 1: A Novel Membrane-Associated Protein That Resides on Hepatic Lipid Droplets. <i>Traffic</i> , 2006, 7, 1254-1269.	1.3	179
3	Annexins are Modulators of EGF receptor signalling and trafficking. <i>Cellular Signalling</i> , 2009, 21, 847-858.	1.7	126
4	Impaired Recycling of Apolipoprotein E4 Is Associated with Intracellular Cholesterol Accumulation. <i>Journal of Biological Chemistry</i> , 2004, 279, 55483-55492.	1.6	117
5	Apolipoprotein E Recycling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 442-448.	1.1	115
6	Cholesterol Regulates Syntaxin 6 Trafficking at trans-Golgi Network Endosomal Boundaries. <i>Cell Reports</i> , 2014, 7, 883-897.	2.9	104
7	Cholesterol Modulates the Membrane Binding and Intracellular Distribution of Annexin 6. <i>Journal of Biological Chemistry</i> , 2002, 277, 32187-32194.	1.6	97
8	Functional Implications of Plasma Membrane Condensation for T Cell Activation. <i>PLoS ONE</i> , 2008, 3, e2262.	1.1	96
9	Annexin A6-induced Alterations in Cholesterol Transport and Caveolin Export from the Golgi Complex. <i>Traffic</i> , 2007, 8, 1568-1589.	1.3	95
10	Annexin VI Stimulates Endocytosis and Is Involved in the Trafficking of Low Density Lipoprotein to the Prelysosomal Compartment. <i>Journal of Biological Chemistry</i> , 2000, 275, 33806-33813.	1.6	93
11	Insulin stimulates hepatic low density lipoprotein receptor-related protein 1 (LRP1) to increase postprandial lipoprotein clearance. <i>Atherosclerosis</i> , 2009, 204, 105-111.	0.4	86
12	Annexin A6 stimulates the membrane recruitment of p120GAP to modulate Ras and Raf-1 activity. <i>Oncogene</i> , 2005, 24, 5809-5820.	2.6	84
13	p38 MAPK inhibitors attenuate pro-inflammatory cytokine production and the invasiveness of human U251 glioblastoma cells. <i>Journal of Neuro-Oncology</i> , 2012, 109, 35-44.	1.4	78
14	Annexin A6 Linking Ca <sup>2+</sup> signaling with cholesterol transport. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 935-947.	1.9	77
15	Recycling of Apoprotein E Is Associated with Cholesterol Efflux and High Density Lipoprotein Internalization. <i>Journal of Biological Chemistry</i> , 2003, 278, 14370-14378.	1.6	75
16	Intracellular chloride channel protein CLIC1 regulates macrophage functions via modulation of phagosomal acidification. <i>Journal of Cell Science</i> , 2012, 125, 5479-88.	1.2	75
17	High Density Lipoprotein-induced Signaling of the MAPK Pathway Involves Scavenger Receptor Type BI-mediated Activation of Ras. <i>Journal of Biological Chemistry</i> , 2003, 278, 16478-16481.	1.6	70
18	Hydrophobic and Basic Domains Target Proteins to Lipid Droplets. <i>Traffic</i> , 2009, 10, 1785-1801.	1.3	67

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19	Annexin A6-regulator of the EGFR/Ras signalling pathway and cholesterol homeostasis. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 580-584.	1.2	66
20	Annexin A6 inhibits Ras signalling in breast cancer cells. <i>Oncogene</i> , 2009, 28, 363-377.	2.6	65
21	Annexin A6 is a scaffold for PKC $\zeta$ to promote EGFR inactivation. <i>Oncogene</i> , 2013, 32, 2858-2872.	2.6	64
22	Annexins – insights from knockout mice. <i>Biological Chemistry</i> , 2016, 397, 1031-1053.	1.2	64
23	Plasma Membrane-associated Annexin A6 Reduces Ca <sup>2+</sup> Entry by Stabilizing the Cortical Actin Cytoskeleton. <i>Journal of Biological Chemistry</i> , 2009, 284, 17227-17242.	1.6	63
24	Recycling of Apolipoprotein E and Lipoprotein Lipase through Endosomal Compartments in Vivo. <i>Journal of Biological Chemistry</i> , 2001, 276, 42333-42338.	1.6	59
25	Cholesterol transport from late endosomes to the Golgi regulates t-SNARE trafficking, assembly, and function. <i>Molecular Biology of the Cell</i> , 2011, 22, 4108-4123.	0.9	59
26	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
27	Annexin A6 is an organizer of membrane microdomains to regulate receptor localization and signalling. <i>IUBMB Life</i> , 2011, 63, 1009-1017.	1.5	58
28	Annexin A6 modulates TBC1D15/Rab7/StARD3 axis to control endosomal cholesterol export in NPC1 cells. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2839-2857.	2.4	54
29	Role of cholesterol in SNARE-mediated trafficking on intracellular membranes. <i>Journal of Cell Science</i> , 2015, 128, 1071-81.	1.2	53
30	Annexin A6 – A multifunctional scaffold in cell motility. <i>Cell Adhesion and Migration</i> , 2017, 11, 288-304.	1.1	53
31	Molecular mechanisms involved in Ras inactivation: the annexin A6 – p120GAP complex. <i>BioEssays</i> , 2006, 28, 1211-1220.	1.2	52
32	Annexin A6 in the liver: From the endocytic compartment to cellular physiology. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 933-946.	1.9	52
33	Annexins – Scaffolds modulating PKC localization and signaling. <i>Cellular Signalling</i> , 2014, 26, 1213-1225.	1.7	49
34	Differential Regulation of RasGAPs in Cancer. <i>Genes and Cancer</i> , 2011, 2, 288-297.	0.6	48
35	Annexins – Coordinators of Cholesterol Homeostasis in Endocytic Pathways. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1444.	1.8	48
36	Low Density Lipoprotein Receptor-Related Protein 1 Dependent Endosomal Trapping and Recycling of Apolipoprotein E. <i>PLoS ONE</i> , 2012, 7, e29385.	1.1	48

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37	Evidence for the Involvement of Annexin 6 in the Trafficking between the Endocytic Compartment and Lysosomes. <i>Experimental Cell Research</i> , 2001, 269, 13-22.	1.2	47
38	Annexin A6-induced Inhibition of Cytoplasmic Phospholipase A2 Is Linked to Caveolin-1 Export from the Golgi. <i>Journal of Biological Chemistry</i> , 2008, 283, 10174-10183.	1.6	43
39	Annexin A6-Balanced Late Endosomal Cholesterol Controls Influenza A Replication and Propagation. <i>MBio</i> , 2013, 4, e00608-13.	1.8	43
40	Annexin A6 and Late Endosomal Cholesterol Modulate Integrin Recycling and Cell Migration. <i>Journal of Biological Chemistry</i> , 2016, 291, 1320-1335.	1.6	43
41	Late Endocytic Compartments Are Major Sites of Annexin VI Localization in NRK Fibroblasts and Polarized WIF-B Hepatoma Cells. <i>Experimental Cell Research</i> , 2000, 257, 33-47.	1.2	42
42	Protein Kinase C $\gamma$ and Calmodulin Regulate Epidermal Growth Factor Receptor Recycling from Early Endosomes through Arp2/3 Complex and Cortactin. <i>Molecular Biology of the Cell</i> , 2008, 19, 17-29.	0.9	41
43	Heterogeneity of fatty acid metabolism in breast cancer cells underlies differential sensitivity to palmitate-induced apoptosis. <i>Molecular Oncology</i> , 2018, 12, 1623-1638.	2.1	40
44	Evidence for annexin A6-dependent plasma membrane remodelling of lipid domains. <i>British Journal of Pharmacology</i> , 2015, 172, 1677-1690.	2.7	38
45	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
46	Cholesterol transport from late endosomes to the Golgi regulates t-SNARE trafficking, assembly, and function. <i>Molecular Biology of the Cell</i> , 2011, 22, 4108-4123.	0.9	36
47	Inhibition of H-Ras and MAPK is compensated by PKC-dependent pathways in annexin A6 expressing cells. <i>Cellular Signalling</i> , 2006, 18, 1006-1016.	1.7	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. <i>PLoS ONE</i> , 2013, 8, e62667.	1.1	35
49	Annexin Animal Models—From Fundamental Principles to Translational Research. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3439.	1.8	33
50	Annexins in Adipose Tissue: Novel Players in Obesity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3449.	1.8	27
51	Annexin A6 regulates interleukin-2-mediated T cell proliferation. <i>Immunology and Cell Biology</i> , 2016, 94, 543-553.	1.0	26
52	Annexin A6 protein is downregulated in human hepatocellular carcinoma. <i>Molecular and Cellular Biochemistry</i> , 2016, 418, 81-90.	1.4	25
53	Activation of Endothelial Nitric Oxide (eNOS) Occurs through Different Membrane Domains in Endothelial Cells. <i>PLoS ONE</i> , 2016, 11, e0151556.	1.1	25
54	Triton X-100 promotes a cholesterol-dependent condensation of the plasma membrane. <i>Biochemical Journal</i> , 2009, 420, 373-381.	1.7	24

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55	Methodologies for Investigating Natural Medicines for the Treatment of Nonalcoholic Fatty Liver Disease (NAFLD). <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 278-291.	0.9	24
56	Apolipoprotein E promotes lipid accumulation and differentiation in human adipocytes. <i>Experimental Cell Research</i> , 2015, 337, 94-102.	1.2	22
57	Signal Transduction Pathways Provide Opportunities to Enhance HDL and apoAI-Dependent Reverse Cholesterol Transport. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 352-364.	0.9	21
58	Compound K modulates fatty acid-induced lipid droplet formation and expression of proteins involved in lipid metabolism in hepatocytes. <i>Liver International</i> , 2013, 33, 1583-1593.	1.9	21
59	Activation of Raf-1 is defective in annexin 6 overexpressing Chinese hamster ovary cells. <i>FEBS Letters</i> , 2001, 501, 69-73.	1.3	20
60	Putative Transmembrane Domain 6 of the Human Organic Anion Transporting Polypeptide 1A2 (OATP1A2) Influences Transporter Substrate Binding, Protein Trafficking, and Quality Control. <i>Molecular Pharmaceutics</i> , 2015, 12, 111-119.	2.3	20
61	Annexin A6 regulates adipocyte lipid storage and adiponectin release. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 419-430.	1.6	20
62	Diverse Roles of Annexin A6 in Triple-Negative Breast Cancer Diagnosis, Prognosis and EGFR-Targeted Therapies. <i>Cells</i> , 2020, 9, 1855.	1.8	20
63	Annexin A6 Is Critical to Maintain Glucose Homeostasis and Survival During Liver Regeneration in Mice. <i>Hepatology</i> , 2020, 72, 2149-2164.	3.6	20
64	Ras/Mitogen-activated Protein Kinase (MAPK) Signaling Modulates Protein Stability and Cell Surface Expression of Scavenger Receptor SR-BI. <i>Journal of Biological Chemistry</i> , 2011, 286, 23077-23092.	1.6	19
65	Annexins: Ca <sup>2+</sup> Effectors Determining Membrane Trafficking in the Late Endocytic Compartment. <i>Advances in Experimental Medicine and Biology</i> , 2017, 981, 351-385.	0.8	19
66	Oncogenic Ras modulates p38 MAPK-mediated inflammatory cytokine production in glioblastoma cells. <i>Cancer Biology and Therapy</i> , 2016, 17, 355-363.	1.5	18
67	Identifying low density lipoprotein cholesterol associated variants in the Annexin A2 ( ANXA2 ) gene. <i>Atherosclerosis</i> , 2017, 261, 60-68.	0.4	18
68	Altered hepatic glucose homeostasis in AnxA6-KO mice fed a high-fat diet. <i>PLoS ONE</i> , 2018, 13, e0201310.	1.1	18
69	The cross-talk of LDL-cholesterol with cell motility: Insights from the Niemann Pick Type C1 mutation and altered integrin trafficking. <i>Cell Adhesion and Migration</i> , 2015, 9, 384-391.	1.1	17
70	Role of hepatic Annexin A6 in fatty acid-induced lipid droplet formation. <i>Experimental Cell Research</i> , 2017, 358, 397-410.	1.2	17
71	Differential RNA interference: replacement of endogenous with recombinant low density lipoprotein receptor-related protein (LRP). <i>European Journal of Cell Biology</i> , 2004, 83, 113-120.	1.6	16
72	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

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73	Prostate cancer cell proliferation is influenced by LDL-cholesterol availability and cholesteryl ester turnover. <i>Cancer &amp; Metabolism</i> , 2022, 10, 1.	2.4	16
74	Functional analysis of pharmacogenetic variants of human organic cation/carnitine transporter 2 (hOCTN2) identified in Singaporean populations. <i>Biochemical Pharmacology</i> , 2011, 82, 1692-1699.	2.0	14
75	Caveolin-1-Mediated Apolipoprotein A-I Membrane Binding Sites Are Not Required for Cholesterol Efflux. <i>PLoS ONE</i> , 2011, 6, e23353.	1.1	13
76	Identification of dual PPAR $\alpha$ / $\beta$ agonists and their effects on lipid metabolism. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7676-7684.	1.4	12
77	Cholesterol Overload: Contact Sites to the Rescue!. <i>Contact (Thousand Oaks (Ventura County, Calif) Tj ETQq1 1 0.784314 rgBT /Overlo</i>	0.4	12
78	Annexin A6 improves anti-migratory and anti-invasive properties of tyrosine kinase inhibitors in EGFR overexpressing human squamous epithelial cells. <i>FEBS Journal</i> , 2020, 287, 2961-2978.	2.2	12
79	Selective Degradation Permits a Feedback Loop Controlling Annexin A6 and Cholesterol Levels in Endolysosomes of NPC1 Mutant Cells. <i>Cells</i> , 2020, 9, 1152.	1.8	12
80	Annexin A6 is highly abundant in monocytes of obese and type 2 diabetic individuals and is downregulated by adiponectin in vitro. <i>Experimental and Molecular Medicine</i> , 2009, 41, 501.	3.2	11
81	Annexin A6 and NPC1 regulate LDL-inducible cell migration and distribution of focal adhesions. <i>Scientific Reports</i> , 2022, 12, 596.	1.6	11
82	Casein Kinase 2 Is a Novel Regulator of the Human Organic Anion Transporting Polypeptide 1A2 (OATP1A2) Trafficking. <i>Molecular Pharmaceutics</i> , 2016, 13, 144-154.	2.3	10
83	GTPases Rac1 and Ras Signaling from Endosomes. <i>Progress in Molecular and Subcellular Biology</i> , 2018, 57, 65-105.	0.9	10
84	Annexins Bridging the Gap: Novel Roles in Membrane Contact Site Formation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 797949.	1.8	10
85	Involvement of Targeting and Scaffolding Proteins in the Regulation of the EGFR/Ras/MAPK Pathway in Oncogenesis. <i>Current Signal Transduction Therapy</i> , 2006, 1, 147-167.	0.3	9
86	Differential involvement of H- and K-Ras in Raf-1 activation determines the role of calmodulin in MAPK signaling. <i>Cellular Signalling</i> , 2009, 21, 1827-1836.	1.7	9
87	Pleiotropic Roles of Calmodulin in the Regulation of KRas and Rac1 GTPases: Functional Diversity in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3680.	1.8	9
88	Annexins and Endosomal Signaling. <i>Methods in Enzymology</i> , 2014, 535, 55-74.	0.4	8
89	Linking Late Endosomal Cholesterol with Cancer Progression and Anticancer Drug Resistance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7206.	1.8	7
90	Emerging Insights on the Diverse Roles of Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) in Chronic Liver Diseases: Cholesterol Metabolism and Beyond. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1070.	1.8	6

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91	Highlight: annexins in health and disease. <i>Biological Chemistry</i> , 2016, 397, 947-948.	1.2	5
92	Annexins in cell migration and adhesion. <i>Cell Adhesion and Migration</i> , 2017, 11, 245-246.	1.1	3
93	Lack of Annexin A6 Exacerbates Liver Dysfunction and Reduces Lifespan of Niemann-Pick Type C Protein-Deficient Mice. <i>American Journal of Pathology</i> , 2021, 191, 475-486.	1.9	3
94	Role of Annexin 6 in Receptor-Mediated Endocytosis, Membrane Trafficking and Signal Transduction. <i>Molecular Biology Intelligence Unit</i> , 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)]. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 276-277.	0.9	0
96	Identifying LDL-C associated variants in the Annexin a2 (ANXA2) gene. <i>Atherosclerosis</i> , 2017, 263, e20.	0.4	0
97	The Actin Cytoskeleton and Membrane Organisation in T Lymphocytes. , 2012, , 103-121.		0