

# Tommy Andersson

## List of Publications by Year in descending order

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75  
papers

3,736  
citations

94433

37  
h-index

128289

60  
g-index

76  
all docs

76  
docs citations

76  
times ranked

4704  
citing authors

#	ARTICLE	IF	CITATIONS
1	WNT5A induces release of exosomes containing pro-angiogenic and immunosuppressive factors from malignant melanoma cells. <i>Molecular Cancer</i> , 2014, 13, 88.	19.2	213
2	p38-MAPK Signals Survival by Phosphorylation of Caspase-8 and Caspase-3 in Human Neutrophils. <i>Journal of Experimental Medicine</i> , 2004, 199, 449-458.	8.5	184
3	Wnt-5a Protein Expression in Primary Dukes B Colon Cancers Identifies a Subgroup of Patients with Good Prognosis. <i>Cancer Research</i> , 2005, 65, 9142-9146.	0.9	173
4	Loss of Wnt-5a protein is associated with early relapse in invasive ductal breast carcinomas. <i>Cancer Research</i> , 2002, 62, 409-16.	0.9	152
5	Wnt-5a/Ca <sup>2+</sup> -Induced NFAT Activity Is Counteracted by Wnt-5a/Yes-Cdc42-Casein Kinase 1 $\pm$ Signaling in Human Mammary Epithelial Cells. <i>Molecular and Cellular Biology</i> , 2006, 26, 6024-6036.	2.3	144
6	Calcium signaling capacity of the CD11b/CD18 integrin on human neutrophils*1. <i>Experimental Cell Research</i> , 1991, 195, 504-508.	2.6	132
7	A t-butyloxycarbonyl-modified Wnt5a-derived hexapeptide functions as a potent antagonist of Wnt5a-dependent melanoma cell invasion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19473-19478.	7.1	123
8	p38 MAPK mediates TNF-induced apoptosis in endothelial cells via phosphorylation and downregulation of Bcl-xL. <i>Experimental Cell Research</i> , 2004, 298, 632-642.	2.6	118
9	The Wnt-5a-Derived Hexapeptide Foxy-5 Inhibits Breast Cancer Metastasis <i>In vivo</i> by Targeting Cell Motility. <i>Clinical Cancer Research</i> , 2008, 14, 6556-6563.	7.0	110
10	A Formylated Hexapeptide Ligand Mimics the Ability of Wnt-5a to Impair Migration of Human Breast Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 2740-2749.	3.4	107
11	Repression of Wnt-5a impairs DDR1 phosphorylation and modifies adhesion and migration of mammary cells. <i>Journal of Cell Science</i> , 2001, 114, 2043-2053.	2.0	101
12	Expression and signaling activity of Wnt-5a/discoidin domain receptor-1 and Syk plays distinct but decisive roles in breast cancer patient survival. <i>Clinical Cancer Research</i> , 2005, 11, 520-8.	7.0	89
13	Wnt-5a mRNA translation is suppressed by the Elav-like protein HuR in human breast epithelial cells. <i>Nucleic Acids Research</i> , 2006, 34, 3988-3999.	14.5	86
14	Protein Phosphatase 2A Regulates Apoptosis in Neutrophils by Dephosphorylating Both p38 MAPK and Its Substrate Caspase 3. <i>Journal of Biological Chemistry</i> , 2005, 280, 6238-6244.	3.4	84
15	Ca <sup>2+</sup> signalling mechanisms of the $\beta$ 2 integrin on neutrophils: involvement of phospholipase C $\beta$ 2 and Ins(1,4,5)P <sub>3</sub> . <i>Biochemical Journal</i> , 1996, 317, 403-409.	3.7	79
16	Wnt-5a and G-protein signaling are required for collagen-induced DDR1 receptor activation and normal mammary cell adhesion. <i>International Journal of Cancer</i> , 2003, 103, 344-351.	5.1	70
17	Wnt-5a-induced Phosphorylation of DARPP-32 Inhibits Breast Cancer Cell Migration in a CREB-dependent Manner. <i>Journal of Biological Chemistry</i> , 2009, 284, 27533-27543.	3.4	70
18	Monokines Mediate Decreased Hepatic Glucocorticoid Binding in Endotoxemia. <i>Journal of Leukocyte Biology</i> , 1991, 49, 236-244.	3.3	69

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19	Wnt-5a-CKI± Signaling Promotes $\beta^2$ -Catenin/E-Cadherin Complex Formation and Intercellular Adhesion in Human Breast Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 10968-10979.	3.4	69
20	p38 Mitogen-activated protein kinase and phosphatidylinositol 3-kinase activities have opposite effects on human neutrophil apoptosis. <i>FASEB Journal</i> , 2002, 16, 1-22.	0.5	68
21	WNT5A Signaling Contributes to $\text{A}\beta^2$ -Induced Neuroinflammation and Neurotoxicity. <i>PLoS ONE</i> , 2011, 6, e22920.	2.5	64
22	Treatment with the WNT5A-mimicking peptide Foxy-5 effectively reduces the metastatic spread of WNT5A-low prostate cancer cells in an orthotopic mouse model. <i>PLoS ONE</i> , 2017, 12, e0184418.	2.5	58
23	TNK2 preserves epidermal growth factor receptor expression on the cell surface and enhances migration and invasion of human breast cancer cells. <i>Breast Cancer Research</i> , 2008, 10, R36.	5.0	55
24	Interleukin-6 drives melanoma cell motility through p38 $\beta$ -MAPK-dependent up-regulation of WNT5A expression. <i>Molecular Oncology</i> , 2014, 8, 1365-1378.	4.6	53
25	Phosphorylation of DARPP-32 regulates breast cancer cell migration downstream of the receptor tyrosine kinase DDR1. <i>Experimental Cell Research</i> , 2006, 312, 4011-4018.	2.6	52
26	WNT5A signaling impairs breast cancer cell migration and invasion via mechanisms independent of the epithelial-mesenchymal transition. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 144.	8.6	48
27	Elevated Level of Wnt5a Protein in Localized Prostate Cancer Tissue Is Associated with Better Outcome. <i>PLoS ONE</i> , 2011, 6, e26539.	2.5	47
28	Non-canonical WNT5A signaling up-regulates the expression of the tumor suppressor 15 $\beta$ -PGDH and induces differentiation of colon cancer cells. <i>Molecular Oncology</i> , 2016, 10, 1415-1429.	4.6	47
29	WNT5A as a therapeutic target in breast cancer. <i>Cancer and Metastasis Reviews</i> , 2018, 37, 767-778.	5.9	47
30	Cysteinyl leukotriene receptor expression pattern affects migration of breast cancer cells and survival of breast cancer patients. <i>International Journal of Cancer</i> , 2011, 129, 9-22.	5.1	46
31	Oxidized low-density lipoprotein induces calpain-dependent cell death and ubiquitination of caspase 3 in HMEC-1 endothelial cells. <i>Biochemical Journal</i> , 2003, 374, 403-411.	3.7	43
32	Methylation and Loss of Secreted Frizzled-Related Protein 3 Enhances Melanoma Cell Migration and Invasion. <i>PLoS ONE</i> , 2011, 6, e18674.	2.5	43
33	The STAT3 Inhibitor Galiellalactone Effectively Reduces Tumor Growth and Metastatic Spread in an Orthotopic Xenograft Mouse Model of Prostate Cancer. <i>European Urology</i> , 2016, 69, 400-404.	1.9	43
34	WNT5A-mediated $\beta$ -catenin-independent signalling is a novel regulator of cancer cell metabolism. <i>Carcinogenesis</i> , 2014, 35, 784-794.	2.8	42
35	Chemotactic Peptide-induced Activation of Ras in Human Neutrophils Is Associated with Inhibition of p120-GAP Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 23448-23454.	3.4	41
36	Down-regulation of Rac Activity during $\beta^2$ Integrin-mediated Adhesion of Human Neutrophils. <i>Journal of Biological Chemistry</i> , 2003, 278, 24181-24188.	3.4	41

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37	A Wnt5a signaling pathway in the pathogenesis of HIV-1 gp120-induced pain. <i>Pain</i> , 2015, 156, 1311-1319.	4.2	39
38	Role of p190RhoGAP in $\beta$ 2 Integrin Regulation of RhoA in Human Neutrophils. <i>Journal of Immunology</i> , 2001, 166, 6311-6322.	0.8	38
39	WNT5A triggers Cdc42 activation leading to an ERK1/2 dependent decrease in MMP9 activity and invasive migration of breast cancer cells. <i>Molecular Oncology</i> , 2013, 7, 870-883.	4.6	38
40	Migration and invasion of oral squamous carcinoma cells is promoted by WNT5A, a regulator of cancer progression. <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 776-784.	2.7	35
41	Does protein kinase C control receptor-mediated phagocytosis in human neutrophils?. <i>FEBS Letters</i> , 1988, 239, 371-375.	2.8	33
42	Dual Action of cAMP-Dependent Protein Kinase on Granulocyte Movement. <i>Biochemical and Biophysical Research Communications</i> , 1997, 235, 445-450.	2.1	32
43	Critical role for complement receptor 3 (CD11b/CD18), but not for Fc receptors, in killing of <i>Streptococcus pyogenes</i> by neutrophils in human immune serum. <i>European Journal of Immunology</i> , 2005, 35, 1472-1481.	2.9	30
44	Reduced production and uptake of lactate are essential for the ability of WNT5A signaling to inhibit breast cancer cell migration and invasion. <i>Oncotarget</i> , 2017, 8, 71471-71488.	1.8	29
45	Leukotriene D4-induced mobilization of intracellular Ca <sup>2+</sup> in epithelial cells is critically dependent on activation of the small GTP-binding protein Rho. <i>Biochemical Journal</i> , 1996, 316, 239-245.	3.7	28
46	Clustering of $\beta$ 2-Integrins on Human Neutrophils Activates Dual Signaling Pathways to PtdIns 3-Kinase. <i>Experimental Cell Research</i> , 2000, 256, 257-263.	2.6	26
47	Nitric Oxide Produced in Response to Engagement of $\beta$ 2 Integrins on Human Neutrophils Activates the Monomeric GTPases Rap1 and Rap2 and Promotes Adhesion. <i>Journal of Biological Chemistry</i> , 2006, 281, 35008-35020.	3.4	25
48	Wnt-5a signaling restores tamoxifen sensitivity in estrogen receptor-negative breast cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3919-3924.	7.1	25
49	Direct or C5a-induced Activation of Heterotrimeric G $\beta$ 2 Proteins in Human Neutrophils Is Associated with Interaction between Formyl Peptide Receptors and the Cytoskeleton. <i>Journal of Biological Chemistry</i> , 1996, 271, 15267-15271.	3.4	24
50	The WNT5A Agonist Foxy5 Reduces the Number of Colonic Cancer Stem Cells in a Xenograft Mouse Model of Human Colonic Cancer. <i>Anticancer Research</i> , 2019, 39, 1719-1728.	1.1	24
51	The Ca <sup>2+</sup> Signaling Capacity of the $\beta$ 2-Integrin on HL60-Granulocytic Cells Is Abrogated Following Phosphorylation of Its CD18-Chain: Relation to Impaired Protein Tyrosine Phosphorylation. <i>Experimental Cell Research</i> , 1995, 217, 140-148.	2.6	23
52	Demonstration of a WNT5A-IL-6 positive feedback loop in melanoma cells: Dual interference of this loop more effectively impairs melanoma cell invasion. <i>Oncotarget</i> , 2016, 7, 37790-37802.	1.8	23
53	Streptococcal M5 Protein Prevents Neutrophil Phagocytosis by Interfering with CD11b/CD18 Receptor-Mediated Association and Signaling. <i>Journal of Immunology</i> , 2004, 172, 3798-3807.	0.8	21
54	Emphasizing the role of Wnt5a protein expression to predict favorable outcome after radical prostatectomy in patients with low-grade prostate cancer. <i>Cancer Medicine</i> , 2012, 1, 96-104.	2.8	20

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55	Higher expression of WNT5A protein in oral squamous cell carcinoma compared with dysplasia and oral mucosa with a normal appearance. <i>European Journal of Oral Sciences</i> , 2017, 125, 237-246.	1.5	20
56	Dual mechanisms of action of the RNA-binding protein human antigen R explains its regulatory effect on melanoma cell migration. <i>Translational Research</i> , 2016, 172, 45-60.	5.0	19
57	Inhibitors of Farnesyl and Geranylgeranyl Methyltransferases Prevent $\beta$ 2Integrin-Induced Actin Polymerization without Affecting $\beta$ 2Integrin-Induced $Ca^{2+}$ Signaling in Neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 1996, 223, 612-617.	2.1	18
58	Therapy for BRAFi-Resistant Melanomas: Is WNT5A the Answer?. <i>Cancers</i> , 2015, 7, 1900-1924.	3.7	18
59	WNT5A-Induced Activation of the Protein Kinase C Substrate MARCKS Is Required for Melanoma Cell Invasion. <i>Cancers</i> , 2020, 12, 346.	3.7	17
60	Combination therapy targeting the elevated interleukin-6 level reduces invasive migration of BRAF inhibitor-resistant melanoma cells. <i>Molecular Oncology</i> , 2019, 13, 480-494.	4.6	16
61	Fgr but not Syk tyrosine kinase is a target for beta2 integrin-induced c-Cbl-mediated ubiquitination in adherent human neutrophils. <i>Biochemical Journal</i> , 2003, 370, 687-694.	3.7	13
62	The WNT-5a derived peptide, Foxy-5, possesses dual properties that impair progression of ER $\pm$ negative breast cancer. <i>Cell Cycle</i> , 2009, 8, 1838-1842.	2.6	13
63	Engagement of $\beta$ 2 integrins recruits 14-3-3 proteins to c-Cbl in human neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 1000-1005.	2.1	12
64	E3B1, a human homologue of the mouse gene product Abi-1, sensitizes activation of Rap1 in response to epidermal growth factor. <i>Experimental Cell Research</i> , 2005, 310, 463-473.	2.6	9
65	Chemotactic Factor Receptor Activation Transiently Impairs the $Ca^{2+}$ Signaling Capacity of $\beta$ 2 Integrins on Human Neutrophils. <i>Experimental Cell Research</i> , 1994, 215, 90-96.	2.6	8
66	The Prognostic Significance of Wnt-5a Expression in Primary Breast Cancer Is Extended to Premenopausal Women. <i>PLoS ONE</i> , 2013, 8, e70890.	2.5	7
67	The Adhesion Receptor CD-31 Can Be Primed to Rapidly Adjust the Neutrophil Cytoskeleton. <i>Biochemical and Biophysical Research Communications</i> , 2002, 292, 1092-1097.	2.1	6
68	Targeting Oncogenic WNT Signalling with WNT Signalling-Derived Peptides. <i>Handbook of Experimental Pharmacology</i> , 2021, 269, 279-303.	1.8	6
69	G-proteins and the association of ligand/receptor complexes with the cytoskeleton in human neutrophils. <i>Biochemical Society Transactions</i> , 1991, 19, 1127-1129.	3.4	5
70	Direct or C5a-induced activation of heterotrimeric G $\beta$ 2 proteins in human neutrophils is associated with interaction between formyl peptide receptors and the cytoskeleton.. <i>Journal of Biological Chemistry</i> , 1996, 271, 25722.	3.4	5
71	Dietary supplementation of carbonate promotes spontaneous tumorigenesis in a rat gastric stump model. <i>Scandinavian Journal of Gastroenterology</i> , 2006, 41, 12-20.	1.5	5
72	Reduced WNT5A signaling in melanoma cells favors an amoeboid mode of invasion. <i>Molecular Oncology</i> , 2021, 15, 1835-1848.	4.6	5

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73	Dietary supplementation with carbonate increases expression of ornithine decarboxylase and proliferation in gastric mucosa in a rat model of gastric cancer. <i>International Journal of Cancer</i> , 2008, 122, 727-733.	5.1	4
74	Disruption of $\beta$ 2-Integrin-Cytoskeleton Coupling Abolishes the Signaling Capacity of These Integrins on Granulocytes. <i>Biochemical and Biophysical Research Communications</i> , 1999, 265, 164-169.	2.1	3
75	$\beta$ 2 Integrins target Rap GTPases to the plasma membrane by means of degranulation. <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 642-646.	2.1	2