Michael G Tomlinson

List of Publications by Year
in descending order

69 papers	3,206 citations	159585 30 h-index	149698 56 g-index
72 all docs	72 docs citations	72 times ranked	3433 citing authors

#	Article	IF	Citations
1	Crystal structure of the Tspan15 LEL domain reveals a conserved ADAM10 binding site. Structure, 2022, 30, 206-214.e4.	3.3	13
2	The Platelet Collagen Receptor GPVI Is Cleaved by Tspan15/ADAM10 and Tspan33/ADAM10 Molecular Scissors. International Journal of Molecular Sciences, 2022, 23, 2440.	4.1	7
3	Evidence that GPVI is Expressed as a Mixture of Monomers and Dimers, and that the D2 Domain is not Essential for GPVI Activation. Thrombosis and Haemostasis, 2021, 121, 1435-1447.	3.4	19
4	Regulation of ADAM10 by the TspanC8 Family of Tetraspanins and Their Therapeutic Potential. International Journal of Molecular Sciences, 2021, 22, 6707.	4.1	25
5	The metalloproteinase ADAM10 requires its activity to sustain surface expression. Cellular and Molecular Life Sciences, 2021, 78, 715-732.	5.4	17
6	Transmembrane adaptor protein WBP1L regulates CXCR4 signalling and murine haematopoiesis. Journal of Cellular and Molecular Medicine, 2020, 24, 1980-1992.	3.6	6
7	The tetraspanin Tspan15 is an essential subunit of an ADAM10 scissor complex. Journal of Biological Chemistry, 2020, 295, 12822-12839.	3.4	31
8	Tspan18 is a novel regulator of thrombo-inflammation. Medical Microbiology and Immunology, 2020, 209, 553-564.	4.8	10
9	TspanC8 tetraspanins differentially regulate ADAM10 endocytosis and half-life. Life Science Alliance, 2020, 3, e201900444.	2.8	29
10	Tspan18 is a novel regulator of the Ca2+ channel Orai1 and von Willebrand factor release in endothelial cells. Haematologica, 2019, 104, 1892-1905.	3.5	16
11	TRPM7 Kinase Controls Calcium Responses in Arterial Thrombosis and Stroke in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 344-352.	2.4	42
12	C-type lectin-like receptor 2 (CLEC-2)-dependent DC migration is controlled by tetraspanin CD37. Journal of Cell Science, 2018, 131, .	2.0	12
13	Regulation of Leukocytes by TspanC8 Tetraspanins and the â€œMolecular Scissorâ€•ADAM10. Frontiers in Immunology, 2018, 9, 1451.	4.8	24
14	The metalloprotease ADAM10 (a disintegrin and metalloprotease 10) undergoes rapid, postlysis autocatalytic degradation. FASEB Journal, 2018, 32, 3560-3573.	0.5	26
15	Inhibition of Btk by Btk-specific concentrations of ibrutinib and acalabrutinib delays but does not block platelet aggregation mediated by glycoprotein VI. Haematologica, 2018, 103, 2097-2108.	3.5	54
16	Regulation of A disintegrin and metalloproteinase (ADAM) family sheddases ADAM10 and ADAM17: The emerging role of tetraspanins and rhomboids. Platelets, 2017, 28, 333-341.	2.3	106
17	Scissor sisters: regulation of ADAM10 by the TspanC8 tetraspanins. Biochemical Society Transactions, 2017, 45, 719-730.	3.4	56
18	ADAM10-Interacting Tetraspanins Tspan5 and Tspan17 Regulate VE-Cadherin Expression and Promote T Lymphocyte Transmigration. Journal of Immunology, 2017, 199, 666-676.	0.8	37

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19	Utilizing Lentiviral Gene Transfer in Primary Endothelial Cells to Assess Lymphocyte-Endothelial Interactions. Methods in Molecular Biology, 2017, 1591, 155-168.	0.9	3
20	Tetraspanin Tspan9 regulates platelet collagen receptor GPVI lateral diffusion and activation. Platelets, 2017, 28, 629-642.	2.3	21
21	Quantitative Phosphoproteomics Reveals a Role for Collapsin Response Mediator Protein 2 in PDGF-Induced Cell Migration. Scientific Reports, 2017, 7, 3970.	3.3	8
22	Eye-Opening Potential for Tetraspanin Tspan12 as a Therapeutic Target for Diseases of the Retinal Vasculature. Circulation, 2017, 136, 196-199.	1.6	8
23	Regulation of Platelet Derived Growth Factor Signaling by Leukocyte Common Antigen-related (LAR) Protein Tyrosine Phosphatase: A Quantitative Phosphoproteomics Study. Molecular and Cellular Proteomics, 2016, 15, 1823-1836.	3.8	10
24	LAR protein tyrosine phosphatase regulates focal adhesions via CDK1. Journal of Cell Science, 2016, 129, 2962-71.	2.0	52
25	TspanC8 Tetraspanins and A Disintegrin and Metalloprotease 10 (ADAM10) Interact via Their Extracellular Regions. Journal of Biological Chemistry, 2016, 291, 3145-3157.	3.4	86
26	SLAP/SLAP2 prevent excessive platelet (hem)ITAM signaling in thrombosis and ischemic stroke in mice. Blood, 2015, 125, 185-194.	1.4	27
27	Organisation of the Tetraspanin Web. , 2013, , 47-90.		5
28	Circulating DBP level and prognosis in operated lung cancer: an exploration of pathophysiology. European Respiratory Journal, 2013, 41, 410-416.	6.7	28
29	The TspanC8 Subgroup of Tetraspanins Interacts with A Disintegrin and Metalloprotease 10 (ADAM10) and Regulates Its Maturation and Cell Surface Expression. Journal of Biological Chemistry, 2012, 287, 39753-39765.	3.4	147
30	The emerging role of tetraspanin microdomains on endothelial cells. Biochemical Society Transactions, 2011, 39, 1667-1673.	3.4	66
31	Tetraspanin microdomains: fine-tuning platelet function. Biochemical Society Transactions, 2011, 39, 518-523.	3.4	11
32	CLEC-2 activates Syk through dimerization. Blood, 2010, 115, 2947-2955.	1.4	144
33	Platelet tetraspanins: small but interesting. Journal of Thrombosis and Haemostasis, 2009, 7, 2070-2073.	3.8	19
34	The tyrosine phosphatase CD148 is an essential positive regulator of platelet activation and thrombosis. Blood, 2009, 113, 4942-4954.	1.4	115
35	Identification of Tspan9 as a novel platelet tetraspanin and the collagen receptor GPVI as a component of tetraspanin microdomains. Biochemical Journal, 2009, 417, 391-401.	3.7	68
36	G6b-B Inhibits Constitutive and Agonist-induced Signaling by Glycoprotein VI and CLEC-2. Journal of Biological Chemistry, 2008, 283, 35419-35427.	3.4	60

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37	A Comprehensive Proteomics and Genomics Analysis Reveals Novel Transmembrane Proteins in Human Platelets and Mouse Megakaryocytes Including G6b-B, a Novel Immunoreceptor Tyrosine-based Inhibitory Motif Protein. Molecular and Cellular Proteomics, 2007, 6, 548-564.	3.8	140
38	The C-type Lectin Receptors CLEC-2 and Dectin-1, but Not DC-SIGN, Signal via a Novel YXXL-dependent Signaling Cascade. Journal of Biological Chemistry, 2007, 282, 12397-12409.	3.4	193
39	Glycoprotein VI oligomerization in cell lines and platelets. Journal of Thrombosis and Haemostasis, 2007, 5, 1026-1033.	3.8	51
40	Collagen promotes sustained glycoprotein VI signaling in platelets and cell lines. Journal of Thrombosis and Haemostasis, 2007, 5, 2274-2283.	3.8	59
41	Differentiation of murine committed megakaryocytic progenitors isolated by a novel strategy reveals the complexity of GATA and Ets factor involvement in megakaryocytopoiesis and an unexpected potential role for GATA-6. Experimental Hematology, 2006, 34, 654-663.	0.4	22
42	Signalling by the Platelet C-Type Lectin Receptor CLEC-2 Is Mediated by a Novel Mechanism Involving Syk and a Single YxxL Motif.. Blood, 2005, 106, 381-381.	1.4	0
43	Expression and Function of Tec, Itk, and Btk in Lymphocytes: Evidence for a Unique Role for Tec. Molecular and Cellular Biology, 2004, 24, 2455-2466.	2.3	81
44	SHIP Family Inositol Phosphatases Interact with and Negatively Regulate the Tec Tyrosine Kinase. Journal of Biological Chemistry, 2004, 279, 55089-55096.	3.4	49
45	T Cell Receptor-Independent Basal Signaling via Erk and Abl Kinases Suppresses RAG Gene Expression. PLoS Biology, 2003, 1, e53.	5.6	88
46	A conditional form of Bruton's tyrosine kinase is sufficient to activate multiple downstream signaling pathways via PLC Gamma 2 in B cells. BMC Immunology, 2001, 2, 4.	2.2	54
47	TGF-Î²1 down-regulates Th2 development and results in decreased IL-4-induced STAT6 activation and GATA-3 expression. European Journal of Immunology, 2000, 30, 2639-2649.	2.9	150
48	Lymphocytes with a complex: adapter proteins in antigen receptor signaling. Trends in Immunology, 2000, 21, 584-591.	7.5	115
49	The MMAC1 tumor suppressor phosphatase inhibits phospholipase C and integrin-linked kinase activity. Oncogene, 2000, 19, 200-209.	5.9	52
50	Reconstitution of Btk Signaling by the Atypical Tec Family Tyrosine Kinases Bmx and Txk. Journal of Biological Chemistry, 1999, 274, 13577-13585.	3.4	54
51	A collagen-related peptide regulates phospholipase CÎ³2 via phosphatidylinositol 3-kinase in human platelets. Biochemical Journal, 1999, 342, 171-177.	3.7	112
52	The architecture and interactions of leucocyte surface molecules. , 1997, , 101-129.		4
53	CD53. , 1997, , 276-277.		0
54	CD37. , 1997, , 224-225.		0

#	Article	IF	Citations
55	CD82. , 1997, , 339-340.		0
56	CD81. , 1997, , 337-338.		0
57	CD63. , 1997, , 304-305.		0
58	Protein superfamilies and cell surface molecules. , 1997, , 32-100.		0
59	CD9. , 1997, , 152-153.		1
60	CD151. , 1997, , 414.		0
61	Characterisation of mouse CD37: cDNA and genomic cloning. Molecular Immunology, 1996, 33, 867-872.	2.2	17
62	A new transmembrane 4 superfamily molecule in the nematode,Caenorhabditis elegans. Journal of Molecular Evolution, 1996, 43, 312-314.	1.8	18
63	A New Transmembrane 4 Superfamily Molecule in the Nematode, Caenorhabditis elegans. Journal of Molecular Evolution, 1996, 43, 312-314.	1.8	0
64	Characterization of mouse CD53: Epitope mapping, cellular distribution and induction by T cell receptor engagement during repertoire selection. European Journal of Immunology, 1995, 25, 2201-2205.	2.9	31
65	Mapping of the genes for four members of the transmembrane 4 superfamily: mouse Cd9, Cd63, Cd81, and Cd82. Immunogenetics, 1995, 42, 422-5.	2.4	4
66	The effect of various stresses, corticosteroids and adrenergic agents on phagocytosis in the rainbow trout Oncorhynchus mykiss. Fish Physiology and Biochemistry, 1994, 13, 31-40.	2.3	95
67	The ins and outs of the transmembrane 4 superfamily. Trends in Immunology, 1994, 15, 588-594.	7.5	327
68	Epitope mapping of anti-rat CD53 monoclonal antibodies. Implications for the membrane orientation of the Transmembrane 4 Superfamily. European Journal of Immunology, 1993, 23, 136-140.	2.9	43
69	Gene structure, chromosomal localization, and protein sequence of mouse CD53 (Cd53): evidence that the transmembrane 4 superfamily arose by gene duplication. International Immunology, 1993, 5, 209-216.	4.0	37