

Guido Tarone

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

5,738
citations

45
h-index

75
g-index

87
ext. papers

6,090
ext. citations

7.5
avg, IF

4.96
L-index

#	Paper	IF	Citations
87	Loss of melusin is a novel, neuronal NO synthase/FoxO3-independent master switch of unloading-induced muscle atrophy. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020 , 11, 802-819	10.3	6
86	Surface functionalization of polyurethane scaffolds mimicking the myocardial microenvironment to support cardiac primitive cells. <i>PLoS ONE</i> , 2018 , 13, e0199896	3.7	26
85	The IKK/NF- κ B signaling pathway requires Morgana to drive breast cancer metastasis. <i>Nature Communications</i> , 2017 , 8, 1636	17.4	59
84	Morgana acts as an oncosuppressor in chronic myeloid leukemia. <i>Blood</i> , 2015 , 125, 2245-53	2.2	17
83	The muscle-specific chaperone protein melusin is a potent cardioprotective agent. <i>Basic Research in Cardiology</i> , 2015 , 110, 10	11.8	8
82	Meeting highlights from the 2013 European Society of Cardiology Heart Failure Association Winter Meeting on Translational Heart Failure Research. <i>European Journal of Heart Failure</i> , 2014 , 16, 6-14	12.3	0
81	Overexpression of the muscle-specific protein, melusin, protects from cardiac ischemia/reperfusion injury. <i>Basic Research in Cardiology</i> , 2014 , 109, 418	11.8	31
80	Endothelial podosome rosettes regulate vascular branching in tumour angiogenesis. <i>Nature Cell Biology</i> , 2014 , 16, 931-41, 1-8	23.4	89
79	Melusin protects from cardiac rupture and improves functional remodelling after myocardial infarction. <i>Cardiovascular Research</i> , 2014 , 101, 97-107	9.9	33
78	Keep your heart in shape: molecular chaperone networks for treating heart disease. <i>Cardiovascular Research</i> , 2014 , 102, 346-61	9.9	35
77	Targeting myocardial remodelling to develop novel therapies for heart failure: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2014 , 16, 494-508	12.3	71
76	Morgana acts as a proto-oncogene through inhibition of a ROCK-PTEN pathway. <i>Journal of Pathology</i> , 2014 , 234, 152-63	9.4	19
75	Key role of ERK1/2 molecular scaffolds in heart pathology. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 4047-54	10.3	12
74	Extracellular matrix, integrins, and growth factors as tailors of the stem cell niche. <i>Current Opinion in Cell Biology</i> , 2012 , 24, 645-51	9	297
73	Morgana and melusin: two fairies chaperoning signal transduction. <i>Cell Cycle</i> , 2011 , 10, 3678-83	4.7	26
72	Towards a re-definition of cardiac hypertrophy through a rational characterization of left ventricular phenotypes: a position paper of the Working Group Myocardial Function of the ESC. <i>European Journal of Heart Failure</i> , 2011 , 13, 811-9	12.3	45
71	ERK1/2 activation in heart is controlled by melusin, focal adhesion kinase and the scaffold protein IQGAP1. <i>Journal of Cell Science</i> , 2011 , 124, 3515-24	5.3	51

70	IQGAP1 regulates ERK1/2 and AKT signalling in the heart and sustains functional remodelling upon pressure overload. <i>Cardiovascular Research</i> , 2011 , 91, 456-64	9.9	69
69	p130Cas is an essential transducer element in ErbB2 transformation. <i>FASEB Journal</i> , 2010 , 24, 3796-808	9.9	39
68	Morgana/chp-1, a ROCK inhibitor involved in centrosome duplication and tumorigenesis. <i>Developmental Cell</i> , 2010 , 18, 486-95	10.2	38
67	Morgana/CHP-1 is a novel chaperone able to protect cells from stress. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010 , 1803, 1043-9	4.9	19
66	Convergence of integrins and EGF receptor signaling via PI3K/Akt/FoxO pathway in early gene Egr-1 expression. <i>Journal of Cellular Physiology</i> , 2009 , 218, 294-303	7	54
65	Melusin gene (ITGB1BP2) nucleotide variations study in hypertensive and cardiopathic patients. <i>BMC Medical Genetics</i> , 2009 , 10, 140	2.1	10
64	The mammalian CHORD-containing protein melusin is a stress response protein interacting with Hsp90 and Sgt1. <i>FEBS Letters</i> , 2008 , 582, 1788-94	3.8	44
63	p140Cap protein suppresses tumour cell properties, regulating Csk and Src kinase activity. <i>EMBO Journal</i> , 2007 , 26, 2843-55	13	65
62	Alternative BCR/ABL splice variants in Philadelphia chromosome-positive leukemias result in novel tumor-specific fusion proteins that may represent potential targets for immunotherapy approaches. <i>Cancer Research</i> , 2007 , 67, 5300-7	10.1	37
61	Altered melusin expression in the hearts of aortic stenosis patients. <i>European Journal of Heart Failure</i> , 2007 , 9, 568-73	12.3	13
60	Laminin-binding integrin alpha7 is required for contractile phenotype expression by human airway myocytes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 37, 668-80	5.7	44
59	Sarcoglycan subcomplex expression in normal human smooth muscle. <i>Journal of Histochemistry and Cytochemistry</i> , 2007 , 55, 831-43	3.4	18
58	Quantitation of multisite EGF receptor phosphorylation using mass spectrometry and a novel normalization approach. <i>Journal of Proteome Research</i> , 2007 , 6, 2768-85	5.6	26
57	Quantification of the expression level of integrin receptor alpha(v)beta3 in cell lines and MR imaging with antibody-coated iron oxide particles. <i>Magnetic Resonance in Medicine</i> , 2006 , 56, 711-6	4.4	44
56	Integrin signalling: the tug-of-war in heart hypertrophy. <i>Cardiovascular Research</i> , 2006 , 70, 422-33	9.9	134
55	Selective Rac-1 inhibition protects from diabetes-induced vascular injury. <i>Circulation Research</i> , 2006 , 98, 218-25	15.7	60
54	p130Cas as a new regulator of mammary epithelial cell proliferation, survival, and HER2-neu oncogene-dependent breast tumorigenesis. <i>Cancer Research</i> , 2006 , 66, 4672-80	10.1	112
53	p130Cas mediates the transforming properties of the anaplastic lymphoma kinase. <i>Blood</i> , 2005 , 106, 3907-16	2.2	66

52	Magnetic resonance imaging visualization of targeted cells by the internalization of supramolecular adducts formed between avidin and biotinylated Gd ³⁺ chelates. <i>Journal of Biological Inorganic Chemistry</i> , 2005 , 10, 78-86	3.7	29
51	{beta}1 Integrin and IL-3R coordinately regulate STAT5 activation and anchorage-dependent proliferation. <i>Journal of Cell Biology</i> , 2005 , 168, 1099-108	7.3	32
50	Cardiac overexpression of melusin protects from dilated cardiomyopathy due to long-standing pressure overload. <i>Circulation Research</i> , 2005 , 96, 1087-94	15.7	91
49	Systematic analysis of the epidermal growth factor receptor by mass spectrometry reveals stimulation-dependent multisite phosphorylation. <i>Molecular and Cellular Proteomics</i> , 2005 , 4, 1107-21	7.6	37
48	Protection from angiotensin II-mediated vasculotoxic and hypertensive response in mice lacking PI3Kgamma. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1217-28	16.6	142
47	Adaptive and maladaptive hypertrophic pathways: points of convergence and divergence. <i>Cardiovascular Research</i> , 2004 , 63, 373-80	9.9	108
46	P130Cas-associated protein (p140Cap) as a new tyrosine-phosphorylated protein involved in cell spreading. <i>Molecular Biology of the Cell</i> , 2004 , 15, 787-800	3.5	51
45	p130Cas interacts with estrogen receptor alpha and modulates non-genomic estrogen signaling in breast cancer cells. <i>Journal of Cell Science</i> , 2004 , 117, 1603-11	5.3	110
44	Identification of Krit1B: a novel alternative splicing isoform of cerebral cavernous malformation gene-1. <i>Gene</i> , 2004 , 325, 63-78	3.8	12
43	Melusin, a muscle-specific integrin beta1-interacting protein, is required to prevent cardiac failure in response to chronic pressure overload. <i>Nature Medicine</i> , 2003 , 9, 68-75	50.5	240
42	Chp-1 and melusin, two CHORD containing proteins in vertebrates. <i>FEBS Letters</i> , 2003 , 551, 47-52	3.8	28
41	Positional control of cell fate through joint integrin/receptor protein kinase signaling. <i>Annual Review of Cell and Developmental Biology</i> , 2003 , 19, 173-206	12.6	302
40	Molecular interplay between mechanical and humoral signalling in cardiac hypertrophy. <i>Trends in Molecular Medicine</i> , 2003 , 9, 376-82	11.5	29
39	Integrin-induced epidermal growth factor (EGF) receptor activation requires c-Src and p130Cas and leads to phosphorylation of specific EGF receptor tyrosines. <i>Journal of Biological Chemistry</i> , 2002 , 277, 9405-14	5.4	288
38	Defective Rac-mediated proliferation and survival after targeted mutation of the beta1 integrin cytodomain. <i>Journal of Cell Biology</i> , 2002 , 157, 481-92	7.3	76
37	The integrin cytoplasmic domain-associated protein ICAP-1 binds and regulates Rho family GTPases during cell spreading. <i>Journal of Cell Biology</i> , 2002 , 156, 377-87	7.3	52
36	Cross talk between beta(1) and alpha(V) integrins: beta(1) affects beta(3) mRNA stability. <i>Molecular Biology of the Cell</i> , 2001 , 12, 3126-38	3.5	55
35	A new polymorphism, g119A>G, in the integrin alpha 7 (ITGA7) gene. <i>Human Mutation</i> , 2000 , 16, 180	4.7	

34	Distinct involvement of cdc42 and RhoA GTPases in actin organization and cell shape in untransformed and Dbl oncogene transformed NIH3T3 cells. <i>Oncogene</i> , 2000 , 19, 1428-36	9.2	23
33	Distinct roles of the adaptor protein Shc and focal adhesion kinase in integrin signaling to ERK. <i>Journal of Biological Chemistry</i> , 2000 , 275, 36532-40	5.4	125
32	Association of the dystroglycan complex isolated from bovine brain synaptosomes with proteins involved in signal transduction. <i>Journal of Neurochemistry</i> , 1999 , 72, 1648-55	6	85
31	Integrin-mediated adhesion of endothelial cells induces JAK2 and STAT5A activation: role in the control of c-fos gene expression. <i>Molecular Biology of the Cell</i> , 1999 , 10, 3463-71	3.5	36
30	Melusin is a new muscle-specific interactor for beta(1) integrin cytoplasmic domain. <i>Journal of Biological Chemistry</i> , 1999 , 274, 29282-8	5.4	86
29	Purification of fibronectin from human plasma. <i>Methods in Molecular Biology</i> , 1999 , 96, 119-24	1.4	10
28	Role of alphavbeta3 integrin in the activation of vascular endothelial growth factor receptor-2. <i>EMBO Journal</i> , 1999 , 18, 882-92	13	521
27	Actin cytoskeleton organization in response to integrin-mediated adhesion. <i>Microscopy Research and Technique</i> , 1999 , 47, 67-78	2.8	137
26	The muscle-specific laminin receptor alpha7 beta1 integrin negatively regulates alpha5 beta1 fibronectin receptor function. <i>Experimental Cell Research</i> , 1999 , 246, 421-32	4.2	26
25	Beta1B integrin interferes with matrix assembly but not with confluent monolayer polarity, and alters some morphogenetic properties of FRT epithelial cells. <i>European Journal of Cell Biology</i> , 1998 , 75, 107-17	6.1	12
24	Differential onset of expression of alpha 7 and beta 1D integrins during mouse heart and skeletal muscle development. <i>Cell Adhesion and Communication</i> , 1998 , 5, 193-205		45
23	beta1-integrin cytoplasmic subdomains involved in dominant negative function. <i>Molecular Biology of the Cell</i> , 1998 , 9, 715-31	3.5	65
22	Dissection of pathways implicated in integrin-mediated actin cytoskeleton assembly. Involvement of protein kinase C, Rho GTPase, and tyrosine phosphorylation. <i>Journal of Biological Chemistry</i> , 1997 , 272, 21726-34	5.4	79
21	Muscle beta1D integrin reinforces the cytoskeleton-matrix link: modulation of integrin adhesive function by alternative splicing. <i>Journal of Cell Biology</i> , 1997 , 139, 1583-95	7.3	120
20	Soluble integrin ligands and growth factors independently rescue neuroblastoma cells from apoptosis under nonadherent conditions. <i>Experimental Cell Research</i> , 1997 , 237, 326-37	4.2	45
19	Actin cytoskeleton polymerization in Dbl-transformed NIH3T3 fibroblasts is dependent on cell adhesion to specific extracellular matrix proteins. <i>Oncogene</i> , 1997 , 14, 1933-43	9.2	18
18	Alpha 2 beta 1 integrin is required for the collagen and FGF-1 induced cell dispersion in a rat bladder carcinoma cell line. <i>Cell Adhesion and Communication</i> , 1996 , 4, 187-99		54
17	Focal adhesion and stress fiber formation is regulated by tyrosine phosphatase activity. <i>Experimental Cell Research</i> , 1996 , 229, 307-17	4.2	72

16	p125FAK tyrosine phosphorylation and focal adhesion assembly: studies with phosphotyrosine phosphatase inhibitors. <i>Experimental Cell Research</i> , 1995 , 221, 141-52	4.2	70
15	Integrin-mediated signal transduction in human endothelial cells: analysis of tyrosine phosphorylation events. <i>Cell Adhesion and Communication</i> , 1994 , 2, 75-86		54
14	Alpha v integrin subunit is predominantly located in nervous tissue and skeletal muscle during mouse development. <i>Developmental Dynamics</i> , 1994 , 201, 108-20	2.9	71
13	Role of tyrosine phosphorylation in matrix-induced neurite outgrowth in human neuroblastoma cells. <i>Experimental Cell Research</i> , 1994 , 214, 313-22	4.2	24
12	Distribution of beta 1 integrin subunit in rat seminiferous epithelium. <i>Biology of Reproduction</i> , 1992 , 47, 1173-82	3.9	116
11	A human integrin beta 1 subunit with a unique cytoplasmic domain generated by alternative mRNA processing. <i>Gene</i> , 1990 , 95, 261-6	3.8	98
10	Nerve growth factor induces increased expression of a laminin-binding integrin in rat pheochromocytoma PC12 cells. <i>Experimental Cell Research</i> , 1990 , 189, 100-8	4.2	82
9	Inhibition of experimental metastasis of murine fibrosarcoma cells by oligopeptide analogues to the fibronectin cell-binding site. <i>International Journal of Cancer</i> , 1989 , 43, 102-6	7.5	12
8	Cloning of cDNA for a novel mouse membrane glycoprotein (gp42): shared identity to histocompatibility antigens, immunoglobulins and neural-cell adhesion molecules. <i>Gene</i> , 1989 , 85, 445-51	3.8	69
7	Purification of the beta subunit of the fibronectin receptor. <i>FEBS Journal</i> , 1988 , 172, 713-8		4
6	The hyaluronate-binding site from the plasma membrane is distinct from the binding protein present in brain. <i>Connective Tissue Research</i> , 1987 , 16, 225-35	3.3	5
5	Interaction of fibroblasts, hemopoietic cells and platelets with extracellular matrix: characterization and role of a common cell surface glycoprotein. <i>Annals of the New York Academy of Sciences</i> , 1987 , 511, 65-76	6.5	1
4	A 135,000 molecular weight plasma membrane glycoprotein involved in fibronectin-mediated cell adhesion. Immunofluorescence localization in normal and RSV-transformed fibroblasts. <i>Experimental Cell Research</i> , 1986 , 163, 47-62	4.2	61
3	Cleavage of a 135 kD cell surface glycoprotein correlates with loss of fibroblast adhesion to fibronectin. <i>Experimental Cell Research</i> , 1985 , 156, 182-90	4.2	96
2	Mouse fibroblasts transformed by Rous sarcoma virus express a virus-specific non-virion transplantation antigen. <i>International Journal of Cancer</i> , 1981 , 27, 797-805	7.5	11
1	Interaction between cellular and viral genes in the expression of the RSV-induced transformation-specific cell-surface antigen VCSA. <i>International Journal of Cancer</i> , 1980 , 25, 355-62	7.5	6