Ichiro Manabe

List of Publications by Year in Descending Order

156 papers	11,571 citations	54 h-index	106 g-index
171 ext. papers	13,279 ext. citations	9 avg, IF	6.08 L-index

#	Paper	IF	Citations
156	VDR regulates simulated microgravity-induced atrophy in C2C12 myotubes.. *Scientific Reports*, **2022**, 12, 1377	4.9	1
155	Cardiac macrophages prevent sudden death during heart stress. *Nature Communications*, **2021**, 12, 1910	17.4	8
154	Common and differential effects of docosahexaenoic acid and eicosapentaenoic acid on helper T-cell responses and associated pathways. *BMB Reports*, **2021**, 54, 278-283	5.5	1
153	Identification of a KLF5-dependent program and drug development for skeletal muscle atrophy. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	3
152	Organ System Crosstalk in Cardiometabolic Disease in the Age of Multimorbidity. *Frontiers in Cardiovascular Medicine*, **2020**, 7, 64	5.4	16
151	A long noncoding RNA regulates inflammation resolution by mouse macrophages through fatty acid oxidation activation. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 14365-14375	11.5	15
150	Role of Phagocytosis in the Pro-Inflammatory Response in LDL-Induced Foam Cell Formation; a Transcriptome Analysis. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	11
149	Signaling Pathways Potentially Responsible for Foam Cell Formation: Cholesterol Accumulation or Inflammatory Response-What is First?. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	11
148	4. NeuroImmuneMetabolic Control of Cardiac Homeostasis and Disease. *Japanese Journal of Clinical Pharmacology and Therapeutics*, **2020**, 51, 177-180	0	
147	Resident cardiac macrophages are involved in cardioprotection through metabolic regulation of cardiomyocytes. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2020**, 93, 3-O-133	0	
146	Cardiac dopamine D1 receptor triggers ventricular arrhythmia in chronic heart failure. *Nature Communications*, **2020**, 11, 4364	17.4	14
145	Murine Model of Pulmonary Artery Overflow Vasculopathy Revealed Macrophage Accumulation in the Lung. *International Heart Journal*, **2019**, 60, 451-456	1.8	2
144	Cell Cycle Perturbation Induces Collagen Production in Fibroblasts. *International Heart Journal*, **2019**, 60, 958-963	1.8	1
143	Macrophage hypoxia signaling regulates cardiac fibrosis via Oncostatin M. *Nature Communications*, **2019**, 10, 2824	17.4	45
142	Therapeutic targeting of mitochondrial ROS ameliorates murine model of volume overload cardiomyopathy. *Journal of Pharmacological Sciences*, **2019**, 141, 56-63	3.7	6
141	Upregulation of cancer-associated gene expression in activated fibroblasts in a mouse model of non-alcoholic steatohepatitis. *Scientific Reports*, **2019**, 9, 19601	4.9	12
140	Desuppression of TGF-β signaling via nuclear c-Abl-mediated phosphorylation of TIF1γ/TRIM33 at Tyr-524, -610, and -1048. *Oncogene*, **2019**, 38, 637-655	9.2	9

139	p53-inducible DPYSL4 associates with mitochondrial supercomplexes and regulates energy metabolism in adipocytes and cancer cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 8370-8375	11.5	24
138	Krüppel-Like Factors in Metabolic Homeostasis and Cardiometabolic Disease. *Frontiers in Cardiovascular Medicine*, **2018**, 5, 69	5.4	20
137	Development of a mouse model for the visual and quantitative assessment of lymphatic trafficking and function by in vivo imaging. *Scientific Reports*, **2018**, 8, 5921	4.9	11
136	Palmitate and minimally-modified low-density lipoprotein cooperatively promote inflammatory responses in macrophages. *PLoS ONE*, **2018**, 13, e0193649	3.7	7
135	insufficiency promotes initiation and progression of myelodysplastic syndrome. *Blood*, **2018**, 132, 2470-2483	23.3	23
134	Macrophages in inflammation, repair and regeneration. *International Immunology*, **2018**, 30, 511-528	4.9	178
133	Two transcripts regulated by m6A methylation code for two antagonistic kinases in the control of the circadian clock. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 5980-5985	11.5	55
132	A heart-brain-kidney network controls adaptation to cardiac stress through tissue macrophage activation. *Nature Medicine*, **2017**, 23, 611-622	50.5	78
131	Noninvasive screening test for detecting early stage lymphedema using follow-up computed tomography imaging after cancer treatment and results of treatment with lymphaticovenular anastomosis. *Microsurgery*, **2017**, 37, 910-916	2.1	6
130	SREBP1 Contributes to Resolution of Pro-inflammatory TLR4 Signaling by Reprogramming Fatty Acid Metabolism. *Cell Metabolism*, **2017**, 25, 412-427	24.6	140
129	Internal deletion of BCOR reveals a tumor suppressor function for BCOR in T lymphocyte malignancies. *Journal of Experimental Medicine*, **2017**, 214, 2901-2913	16.6	35
128	Bmal1 regulates inflammatory responses in macrophages by modulating enhancer RNA transcription. *Scientific Reports*, **2017**, 7, 7086	4.9	40
127	maintains the balance of primitive endoderm versus epiblast specification during mouse embryonic development by suppression of. *Development (Cambridge)*, **2017**, 144, 3706-3718	6.6	15
126	Upregulation of ANGPTL6 in mouse keratinocytes enhances susceptibility to psoriasis. *Scientific Reports*, **2016**, 6, 34690	4.9	9
125	ANGPTL2 activity in cardiac pathologies accelerates heart failure by perturbing cardiac function and energy metabolism. *Nature Communications*, **2016**, 7, 13016	17.4	34
124	Macrophages in age-related chronic inflammatory diseases. *Npj Aging and Mechanisms of Disease*, **2016**, 2, 16018	5.5	132
123	HIF-1α-PDK1 axis-induced active glycolysis plays an essential role in macrophage migratory capacity. *Nature Communications*, **2016**, 7, 11635	17.4	160
122	Excess Lymphangiogenesis Cooperatively Induced by Macrophages and CD4(+) T Cells Drives the Pathogenesis of Lymphedema. *Journal of Investigative Dermatology*, **2016**, 136, 706-714	4.3	55

121	Obesity accelerates T cell senescence in murine visceral adipose tissue. *Journal of Clinical Investigation*, **2016**, 126, 4626-4639	15.9	130
120	Klf5 regulates muscle differentiation by directly targeting muscle-specific genes in cooperation with MyoD in mice. *ELife*, **2016**, 5,	8.9	39
119	Choroidal Neovascularization Is Inhibited in Splenic-Denervated or Splenectomized Mice with a Concomitant Decrease in Intraocular Macrophage. *PLoS ONE*, **2016**, 11, e0160985	3.7	8
118	Influence of periostin-positive cell-specific Klf5 deletion on aortic thickening in DOCA-salt hypertensive mice. *Hypertension Research*, **2016**, 39, 764-768	4.7	2
117	Interstitial pneumonia induced by bleomycin treatment is exacerbated in Angptl2-deficient mice. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2016**, 311, L704-L713	5.8	8
116	The H3K9 methyltransferase Setdb1 regulates TLR4-mediated inflammatory responses in macrophages. *Scientific Reports*, **2016**, 6, 28845	4.9	21
115	Ataxia telangiectasia mutated in cardiac fibroblasts regulates doxorubicin-induced cardiotoxicity. *Cardiovascular Research*, **2016**, 110, 85-95	9.9	33
114	Integrated regulation of the cellular metabolism and function of immune cells in adipose tissue. *Clinical and Experimental Pharmacology and Physiology*, **2016**, 43, 294-303	3	20
113	Complement C1q-induced activation of β-catenin signalling causes hypertensive arterial remodelling. *Nature Communications*, **2015**, 6, 6241	17.4	40
112	CHD1 acts via the Hmgpi pathway to regulate mouse early embryogenesis. *Development (Cambridge)*, **2015**, 142, 2375-84	6.6	19
111	Modulation of cardiac fibrosis by Krüppel-like factor 6 through transcriptional control of thrombospondin 4 in cardiomyocytes. *Cardiovascular Research*, **2015**, 107, 420-30	9.9	27
110	IL-1β induces thrombopoiesis through megakaryocyte rupture in response to acute platelet needs. *Journal of Cell Biology*, **2015**, 209, 453-66	7.3	158
109	ANGPTL2 increases bone metastasis of breast cancer cells through enhancing CXCR4 signaling. *Scientific Reports*, **2015**, 5, 9170	4.9	36
108	Choroidal neovascularization is inhibited via an intraocular decrease of inflammatory cells in mice lacking complement component C3. *Scientific Reports*, **2015**, 5, 15702	4.9	15
107	Congenital Contractural Arachnodactyly without FBN1 or FBN2 Gene Mutations Complicated by Dilated Cardiomyopathy. *Internal Medicine*, **2015**, 54, 1237-41	1.1	2
106	Phenotypic modulation of smooth muscle cells in lymphoedema. *British Journal of Dermatology*, **2015**, 172, 1286-93	4	22
105	Differential contributions of graft-derived and host-derived cells in tissue regeneration/remodeling after fat grafting. *Plastic and Reconstructive Surgery*, **2015**, 135, 1607-1617	2.7	56
104	Granulocyte macrophage colony-stimulating factor is required for aortic dissection/intramural haematoma. *Nature Communications*, **2015**, 6, 6994	17.4	66

103	Immunometabolic control of homeostasis and inflammation. *Inflammation and Regeneration*, **2015**, 35, 185-192	10.9	2
102	IL-1[alpha] induces thrombopoiesis through megakaryocyte rupture in response to acute platelet needs. *Journal of Experimental Medicine*, **2015**, 212, 2125OIA27	16.6	
101	Macrophage-inducible C-type lectin underlies obesity-induced adipose tissue fibrosis. *Nature Communications*, **2014**, 5, 4982	17.4	104
100	Toll-like receptor, lipotoxicity and chronic inflammation: the pathological link between obesity and cardiometabolic disease. *Journal of Atherosclerosis and Thrombosis*, **2014**, 21, 629-39	4	42
99	Control of Toll-like receptor-mediated T cell-independent type 1 antibody responses by the inducible nuclear protein IB-. *Journal of Biological Chemistry*, **2014**, 289, 30925-36	5.4	17
98	KLF5 regulates the integrity and oncogenicity of intestinal stem cells. *Cancer Research*, **2014**, 74, 2882-91	10.1	50
97	The secreted protein ANGPTL2 promotes metastasis of osteosarcoma cells through integrin 51, p38 MAPK, and matrix metalloproteinases. *Science Signaling*, **2014**, 7, ra7	8.8	75
96	Simultaneous downregulation of KLF5 and Fli1 is a key feature underlying systemic sclerosis. *Nature Communications*, **2014**, 5, 5797	17.4	98
95	Angiopoietin-like protein 2 renders colorectal cancer cells resistant to chemotherapy by activating spleen tyrosine kinase-phosphoinositide 3-kinase-dependent anti-apoptotic signaling. *Cancer Science*, **2014**, 105, 1550-9	6.9	16
94	The B polyunsaturated fatty acid, eicosapentaenoic acid, attenuates abdominal aortic aneurysm development via suppression of tissue remodeling. *PLoS ONE*, **2014**, 9, e96286	3.7	23
93	The nuclear IB family protein IBNS influences the susceptibility to experimental autoimmune encephalomyelitis in a murine model. *PLoS ONE*, **2014**, 9, e110838	3.7	22
92	VEGF-A induces its negative regulator, soluble form of VEGFR-1, by modulating its alternative splicing. *FEBS Letters*, **2013**, 587, 2179-85	3.8	32
91	Poly-(L-lactic acid) and citric acid-crosslinked gelatin composite matrices as a drug-eluting stent coating material with endothelialization, antithrombogenic, and drug release properties. *Journal of Biomedical Materials Research - Part A*, **2013**, 101, 2049-57	5.4	8
90	RNA-methylation-dependent RNA processing controls the speed of the circadian clock. *Cell*, **2013**, 155, 793-806	56.2	607
89	Adipose Natural Regulatory B Cells Negatively Control Adipose Tissue Inflammation. *Cell Metabolism*, **2013**, 18, 759-766	24.6	145
88	Sperm-associated antigen 4, a novel hypoxia-inducible factor 1 target, regulates cytokinesis, and its expression correlates with the prognosis of renal cell carcinoma. *American Journal of Pathology*, **2013**, 182, 2191-203	5.8	24
87	Diagnostic implication of change in b-type natriuretic peptide (BNP) for prediction of subsequent target lesion revascularization following silorimus-eluting stent deployment. *International Journal of Cardiology*, **2013**, 168, 1429-34	3.2	2
86	Lineage of bone marrow-derived cells in atherosclerosis. *Circulation Research*, **2013**, 112, 1634-47	15.7	16

85	Angiotensin II impairs endothelial nitric-oxide synthase bioavailability under free cholesterol-enriched conditions via intracellular free cholesterol-rich membrane microdomains. *Journal of Biological Chemistry*, **2013**, 288, 14497-14509	5.4	14
84	Saturated fatty acid palmitate aggravates neointima formation by promoting smooth muscle phenotypic modulation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2596-607	9.4	29
83	Macrophages and islet inflammation in type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2013**, 15 Suppl 3, 152-8	6.7	85
82	Melatonin ameliorates angiotensin II-induced vascular endothelial damage via its antioxidative properties. *Journal of Pineal Research*, **2013**, 55, 287-93	10.4	22
81	Stromal Vascular Cells **2013**, 41-52		
80	In vivo imaging visualizes discoid platelet aggregations without endothelium disruption and implicates contribution of inflammatory cytokine and integrin signaling. *Blood*, **2012**, 119, e45-56	2.2	63
79	Associations of variations in the MRF2/ARID5B gene with susceptibility to type 2 diabetes in the Japanese population. *Journal of Human Genetics*, **2012**, 57, 727-33	4.3	12
78	Saturated fatty acid and TLR signaling link □ell dysfunction and islet inflammation. *Cell Metabolism*, **2012**, 15, 518-33	24.6	348
77	Palmitate promotes the paracrine effects of macrophages on vascular smooth muscle cells: the role of bone morphogenetic proteins. *PLoS ONE*, **2012**, 7, e29100	3.7	20
76	Tamibarotene-loaded citric acid-crosslinked alkali-treated collagen matrix as a coating material for a drug-eluting stent. *Science and Technology of Advanced Materials*, **2012**, 13, 064208	7.1	1
75	Nickel-free stainless steel avoids neointima formation following coronary stent implantation. *Science and Technology of Advanced Materials*, **2012**, 13, 064218	7.1	8
74	Development and implementation of an advanced coronary angiography and intervention database system. *International Heart Journal*, **2012**, 53, 35-42	1.8	3
73	Kr□ppel-like factor 5 is important for maintenance of crypt architecture and barrier function in mouse intestine. *Gastroenterology*, **2011**, 141, 1302-13, 1313.e1-6	13.3	64
72	Cellular Interplay between Cardiomyocytes and Nonmyocytes in Cardiac Remodeling. *International Journal of Inflammation*, **2011**, 2011, 535241	6.4	68
71	Chronic inflammation links cardiovascular, metabolic and renal diseases. *Circulation Journal*, **2011**, 75, 2739-48	2.9	172
70	Vascular endothelial growth factor, soluble fms-like tyrosine kinase 1, and the severity of coronary artery disease. *Angiology*, **2011**, 62, 176-83	2.1	14
69	IRF3 regulates cardiac fibrosis but not hypertrophy in mice during angiotensin II-induced hypertension. *FASEB Journal*, **2011**, 25, 1531-43	0.9	34
68	Renal collecting duct epithelial cells regulate inflammation in tubulointerstitial damage in mice. *Journal of Clinical Investigation*, **2011**, 121, 3425-41	15.9	164

67	Bone marrow-derived cells contribute to vascular inflammation but do not differentiate into smooth muscle cell lineages. *Circulation*, **2010**, 122, 2048-57	16.7	94
66	Regulatory polymorphism in transcription factor KLF5 at the MEF2 element alters the response to angiotensin II and is associated with human hypertension. *FASEB Journal*, **2010**, 24, 1780-8	0.9	24
65	Effects of atorvastatin 20 mg, rosuvastatin 10 mg, and atorvastatin/ezetimibe 5 mg/5 mg on lipoproteins and glucose metabolism. *Journal of Cardiovascular Pharmacology and Therapeutics*, **2010**, 15, 167-74	2.6	27
64	Soluble fms-like tyrosine kinase-1 and the progression of carotid intima-media thickness 24-month follow-up study *Circulation Journal*, **2010**, 74, 2211-5	2.9	15
63	Lnk regulates integrin alphaIIbbeta3 outside-in signaling in mouse platelets, leading to stabilization of thrombus development in vivo. *Journal of Clinical Investigation*, **2010**, 120, 179-90	15.9	71
62	Cardiac fibroblasts are essential for the adaptive response of the murine heart to pressure overload. *Journal of Clinical Investigation*, **2010**, 120, 254-65	15.9	283
61	Adipose Tissue Remodeling, Chronic Inflammation and T-cell-macrophage Interactions in Obesity Visualized by in vivo Molecular Imaging Method. *Inflammation Research*, **2009**, 58, S234-S238	7.2	
60	A nanoparticle system specifically designed to deliver short interfering RNA inhibits tumor growth in vivo. *Cancer Research*, **2009**, 69, 6531-8	10.1	80
59	CD8+ effector T cells contribute to macrophage recruitment and adipose tissue inflammation in obesity. *Nature Medicine*, **2009**, 15, 914-20	50.5	1567
58	IFATS collection: Fibroblast growth factor-2-induced hepatocyte growth factor secretion by adipose-derived stromal cells inhibits postinjury fibrogenesis through a c-Jun N-terminal kinase-dependent mechanism. *Stem Cells*, **2009**, 27, 238-49	5.8	114
57	Blood eicosapentaenoic acid and docosahexaenoic acid as predictors of all-cause mortality in patients with acute myocardial infarction--data from Infarction Prognosis Study (IPS) Registry. *Circulation Journal*, **2009**, 73, 2250-7	2.9	35
56	Krüppel-like Factors: Ingenious Three Fingers Directing Biology and Pathobiology **2009**, 3-18		1
55	Drug Development and Krüppel-like Factors **2009**, 245-252		
54	Obese adipose tissue remodeling, malfunctioning, and chronic inflammation visualized by in vivo molecular imaging. *Inflammation and Regeneration*, **2009**, 29, 118-122	10.9	
53	Saturated fatty acid, palmitate, promotes smooth muscle phenotypic modulation and exacerbates neointima formation.. *FASEB Journal*, **2009**, 23, 357.3	0.9	
52	SUMOylation of Krüppel-like transcription factor 5 acts as a molecular switch in transcriptional programs of lipid metabolism involving PPAR-delta. *Nature Medicine*, **2008**, 14, 656-66	50.5	113
51	Demonstration of a bio-microactuator powered by vascular smooth muscle cells coupled to polymer micropillars. *Lab on A Chip*, **2008**, 8, 58-61	7.2	22
50	Kruppel-like factor 5 causes cartilage degradation through transactivation of matrix metalloproteinase 9. *Journal of Biological Chemistry*, **2008**, 283, 24682-9	5.4	41

49	Klf5 is involved in self-renewal of mouse embryonic stem cells. *Journal of Cell Science*, **2008**, 121, 2629-34	5.3	113
48	In vivo imaging in mice reveals local cell dynamics and inflammation in obese adipose tissue. *Journal of Clinical Investigation*, **2008**, 118, 710-21	15.9	188
47	Genetic variations of Mrf-2/ARID5B confer risk of coronary atherosclerosis in the Japanese population. *International Heart Journal*, **2008**, 49, 313-27	1.8	7
46	Endoplasmic reticulum stress signaling modulates smooth muscle phenotypes. *FASEB Journal*, **2008** , 22, 744.2	0.9	
45	Adipogenesis in obesity requires close interplay between differentiating adipocytes, stromal cells, and blood vessels. *Diabetes*, **2007**, 56, 1517-26	0.9	362
44	Reduced adiponectin level is associated with severity of coronary artery disease. *International Heart Journal*, **2007**, 48, 149-53	1.8	37
43	Smooth muscle-targeted knockout of connexin43 enhances neointimal formation in response to vascular injury. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 1037-42	9.4	52
42	Angiotensin II receptor blocker inhibits neointimal hyperplasia through regulation of smooth muscle-like progenitor cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 2363-9	9.4	42
41	Thrombomodulin is a clock-controlled gene in vascular endothelial cells. *Journal of Biological Chemistry*, **2007**, 282, 32561-7	5.4	81
40	Expression of interleukin-18 in coronary plaque obtained by atherectomy from patients with stable and unstable angina. *Thrombosis Research*, **2007**, 121, 275-9	8.2	9
39	Synthetic retinoid Am80 reduces scavenger receptor expression and atherosclerosis in mice by inhibiting IL-6. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 1177-83	9.4	52
38	Jagged1-selective notch signaling induces smooth muscle differentiation via a RBP-Jkappa-dependent pathway. *Journal of Biological Chemistry*, **2006**, 281, 28555-64	5.4	117
37	Overexpression of monocyte chemoattractant protein-1 in adipose tissues causes macrophage recruitment and insulin resistance. *Journal of Biological Chemistry*, **2006**, 281, 26602-14	5.4	638
36	C-reactive protein induces VCAM-1 gene expression through NF-kappaB activation in vascular endothelial cells. *Atherosclerosis*, **2006**, 185, 39-46	3.1	50
35	DeltaEF1 mediates TGF-beta signaling in vascular smooth muscle cell differentiation. *Developmental Cell*, **2006**, 11, 93-104	10.2	118
34	Krüppel-like transcription factor KLF5 is a key regulator of adipocyte differentiation. *Cell Metabolism*, **2005**, 1, 27-39	24.6	351
33	Significance of the transcription factor KLF5 in cardiovascular remodeling. *Journal of Thrombosis and Haemostasis*, **2005**, 3, 1569-76	15.4	84
32	Synthetic retinoid Am80 suppresses smooth muscle phenotypic modulation and in-stent neointima formation by inhibiting KLF5. *Circulation Research*, **2005**, 97, 1132-41	15.7	76

31	Vasorin, a transforming growth factor beta-binding protein expressed in vascular smooth muscle cells, modulates the arterial response to injury in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 10732-7	11.5	79
30	Endothelial PAS domain protein 1 gene promotes angiogenesis through the transactivation of both vascular endothelial growth factor and its receptor, Flt-1. *Circulation Research*, **2004**, 95, 146-53	15.7	118
29	Regulation of platelet-derived growth factor-A chain by Krüppel-like factor 5: new pathway of cooperative activation with nuclear factor-kappaB. *Journal of Biological Chemistry*, **2004**, 279, 70-6	5.4	75
28	Direct reciprocal effects of resistin and adiponectin on vascular endothelial cells: a new insight into adipocytokine-endothelial cell interactions. *Biochemical and Biophysical Research Communications*, **2004**, 314, 415-9	3.4	343
27	KLF5/BTEB2, a Krüppel-like zinc-finger type transcription factor, mediates smooth muscle cell activation as well as cardiovascular remodeling. *International Congress Series*, **2004**, 1262, 107-110		1
26	Regulation of smooth muscle phenotype. *Current Atherosclerosis Reports*, **2003**, 5, 214-22	6	36
25	KLF5/BTEB2, a Krüppel-like Transcription Factor, Regulates Smooth Muscle Phenotypic Modulation. *Progress in Experimental Cardiology*, **2003**, 417-423		
24	KLF5/BTEB2, a Krüppel-like zinc-finger type transcription factor, mediates both smooth muscle cell activation and cardiac hypertrophy. *Advances in Experimental Medicine and Biology*, **2003**, 538, 57-65; discussion 66	3.6	27
23	Krüppel-like zinc-finger transcription factor KLF5/BTEB2 is a target for angiotensin II signaling and an essential regulator of cardiovascular remodeling. *Nature Medicine*, **2002**, 8, 856-63	50.5	325
22	Gene expression in fibroblasts and fibrosis: involvement in cardiac hypertrophy. *Circulation Research*, **2002**, 91, 1103-13	15.7	413
21	The smooth muscle myosin heavy chain gene exhibits smooth muscle subtype-selective modular regulation in vivo. *Journal of Biological Chemistry*, **2001**, 276, 39076-87	5.4	40
20	Recruitment of serum response factor and hyperacetylation of histones at smooth muscle-specific regulatory regions during differentiation of a novel P19-derived in vitro smooth muscle differentiation system. *Circulation Research*, **2001**, 88, 1127-34	15.7	143
19	CArG elements control smooth muscle subtype-specific expression of smooth muscle myosin in vivo. *Journal of Clinical Investigation*, **2001**, 107, 823-34	15.9	120
18	Development of a smooth muscle-targeted cre recombinase mouse reveals novel insights regarding smooth muscle myosin heavy chain promoter regulation. *Circulation Research*, **2000**, 87, 363-9	15.7	75
17	Regulated expression of the BTEB2 transcription factor in vascular smooth muscle cells: analysis of developmental and pathological expression profiles shows implications as a predictive factor for restenosis. *Circulation*, **2000**, 102, 2528-34	16.7	54
16	BTEB2, a Krüppel-like transcription factor, regulates expression of the SMemb/Nonmuscle myosin heavy chain B (SMemb/NMHC-B) gene. *Circulation Research*, **1999**, 85, 182-91	15.7	127
15	Smooth muscle-specific expression of the smooth muscle myosin heavy chain gene in transgenic mice requires 5′flanking and first intronic DNA sequence. *Circulation Research*, **1998**, 82, 908-17	15.7	125
14	Hematuria in patients with renal hypouricemia. *Internal Medicine*, **1998**, 37, 40-6	1.1	7

13	Isolation of the embryonic form of smooth muscle myosin heavy chain (SMemb/NMHC-B) gene and characterization of its 5Rflanking region. *Biochemical and Biophysical Research Communications*, **1997**, 239, 598-605	3.4	26
12	Tonic block of the Na+ current in single atrial and ventricular guinea-pig myocytes, by a new antiarrhythmic drug, Ro 22-9194. *Fundamental and Clinical Pharmacology*, **1997**, 11, 402-7	3.1	8
11	Influence of extracellular H+ and Ca2+ on Ro 22-9194-induced block of sodium current in cardiac myocytes. *General Pharmacology*, **1997**, 29, 557-60		
10	A novel mutation causing complete deficiency of thyroxine binding globulin. *Clinical Endocrinology*, **1997**, 47, 1-5	3.4	17
9	Redifferentiation of smooth muscle cells after coronary angioplasty determined via myosin heavy chain expression. *Circulation*, **1997**, 96, 82-90	16.7	84
8	Amitriptyline inhibits the G protein and K+ channel in the cloned thyroid cell line. *European Journal of Pharmacology*, **1996**, 312, 115-9	5.3	1
7	Renal handling of urate in a patient with familial juvenile gouty nephropathy. *Internal Medicine*, **1996**, 35, 564-8	1.1	5
6	Structure and characterization of the 5Rflanking region of the mouse smooth muscle myosin heavy chain (SM1/2) gene. *Circulation Research*, **1996**, 78, 978-89	15.7	23
5	A new type of familial central diabetes insipidus caused by a single base substitution in the neurophysin II coding region of the vasopressin gene. *Journal of Clinical Endocrinology and Metabolism*, **1996**, 81, 1787-1790	5.6	20
4	Phenotypic modulation of smooth muscle cells during progression of human atherosclerosis as determined by altered expression of myosin heavy chain isoforms. *Annals of the New York Academy of Sciences*, **1995**, 748, 578-85	6.5	22
3	Activation of Na(+)-H+ antiporter (NHE-1) gene expression during growth, hypertrophy and proliferation of the rabbit cardiovascular system. *Journal of Molecular and Cellular Cardiology*, **1995**, 27, 729-42	5.8	87
2	Facilitation of beta-adrenoceptor-mediated slow channel responses by hypoxia in guinea pig ventricular myocardium. *Journal of Electrocardiology*, **1993**, 26, 69-75	1.4	2
1	Intracrine activity involving NAD-dependent circadian steroidogenic activity governs age-associated meibomian gland dysfunction. *Nature Aging*,		3