

Ichiro Manabe

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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	CD8+ effector T cells contribute to macrophage recruitment and adipose tissue inflammation in obesity. <i>Nature Medicine</i> , 2009 , 15, 914-20	50.5	1567
155	Overexpression of monocyte chemoattractant protein-1 in adipose tissues causes macrophage recruitment and insulin resistance. <i>Journal of Biological Chemistry</i> , 2006 , 281, 26602-14	5.4	638
154	RNA-methylation-dependent RNA processing controls the speed of the circadian clock. <i>Cell</i> , 2013 , 155, 793-806	56.2	607
153	Gene expression in fibroblasts and fibrosis: involvement in cardiac hypertrophy. <i>Circulation Research</i> , 2002 , 91, 1103-13	15.7	413
152	Adipogenesis in obesity requires close interplay between differentiating adipocytes, stromal cells, and blood vessels. <i>Diabetes</i> , 2007 , 56, 1517-26	0.9	362
151	Krüppel-like transcription factor KLF5 is a key regulator of adipocyte differentiation. <i>Cell Metabolism</i> , 2005 , 1, 27-39	24.6	351
150	Saturated fatty acid and TLR signaling link β cell dysfunction and islet inflammation. <i>Cell Metabolism</i> , 2012 , 15, 518-33	24.6	348
149	Direct reciprocal effects of resistin and adiponectin on vascular endothelial cells: a new insight into adipocytokine-endothelial cell interactions. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 314, 415-9	3.4	343
148	Krüppel-like zinc-finger transcription factor KLF5/BTEB2 is a target for angiotensin II signaling and an essential regulator of cardiovascular remodeling. <i>Nature Medicine</i> , 2002 , 8, 856-63	50.5	325
147	Cardiac fibroblasts are essential for the adaptive response of the murine heart to pressure overload. <i>Journal of Clinical Investigation</i> , 2010 , 120, 254-65	15.9	283
146	In vivo imaging in mice reveals local cell dynamics and inflammation in obese adipose tissue. <i>Journal of Clinical Investigation</i> , 2008 , 118, 710-21	15.9	188
145	Macrophages in inflammation, repair and regeneration. <i>International Immunology</i> , 2018 , 30, 511-528	4.9	178
144	Chronic inflammation links cardiovascular, metabolic and renal diseases. <i>Circulation Journal</i> , 2011 , 75, 2739-48	2.9	172
143	Renal collecting duct epithelial cells regulate inflammation in tubulointerstitial damage in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 3425-41	15.9	164
142	HIF-1 β /PDK1 axis-induced active glycolysis plays an essential role in macrophage migratory capacity. <i>Nature Communications</i> , 2016 , 7, 11635	17.4	160
141	IL-1 β induces thrombopoiesis through megakaryocyte rupture in response to acute platelet needs. <i>Journal of Cell Biology</i> , 2015 , 209, 453-66	7.3	158
140	Adipose Natural Regulatory B Cells Negatively Control Adipose Tissue Inflammation. <i>Cell Metabolism</i> , 2013 , 18, 759-766	24.6	145

139	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. <i>Circulation Research</i> , 2001 , 88, 1127-34	15.7	143
138	SREBP1 Contributes to Resolution of Pro-inflammatory TLR4 Signaling by Reprogramming Fatty Acid Metabolism. <i>Cell Metabolism</i> , 2017 , 25, 412-427	24.6	140
137	Macrophages in age-related chronic inflammatory diseases. <i>Npj Aging and Mechanisms of Disease</i> , 2016 , 2, 16018	5.5	132
136	Obesity accelerates T cell senescence in murine visceral adipose tissue. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4626-4639	15.9	130
135	BTEB2, a Kr�ppel-like transcription factor, regulates expression of the SMemb/Nonmuscle myosin heavy chain B (SMemb/NMHC-B) gene. <i>Circulation Research</i> , 1999 , 85, 182-91	15.7	127
134	Smooth muscle-specific expression of the smooth muscle myosin heavy chain gene in transgenic mice requires 5Rflanking and first intronic DNA sequence. <i>Circulation Research</i> , 1998 , 82, 908-17	15.7	125
133	CARg elements control smooth muscle subtype-specific expression of smooth muscle myosin in vivo. <i>Journal of Clinical Investigation</i> , 2001 , 107, 823-34	15.9	120
132	DeltaEF1 mediates TGF-beta signaling in vascular smooth muscle cell differentiation. <i>Developmental Cell</i> , 2006 , 11, 93-104	10.2	118
131	Endothelial PAS domain protein 1 gene promotes angiogenesis through the transactivation of both vascular endothelial growth factor and its receptor, Flt-1. <i>Circulation Research</i> , 2004 , 95, 146-53	15.7	118
130	Jagged1-selective notch signaling induces smooth muscle differentiation via a RBP-Jkappa-dependent pathway. <i>Journal of Biological Chemistry</i> , 2006 , 281, 28555-64	5.4	117
129	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. <i>Stem Cells</i> , 2009 , 27, 238-49	5.8	114
128	SUMOylation of Kr�ppel-like transcription factor 5 acts as a molecular switch in transcriptional programs of lipid metabolism involving PPAR-delta. <i>Nature Medicine</i> , 2008 , 14, 656-66	50.5	113
127	Klf5 is involved in self-renewal of mouse embryonic stem cells. <i>Journal of Cell Science</i> , 2008 , 121, 2629-34	3.3	113
126	Macrophage-inducible C-type lectin underlies obesity-induced adipose tissue fibrosis. <i>Nature Communications</i> , 2014 , 5, 4982	17.4	104
125	Simultaneous downregulation of KLF5 and Fli1 is a key feature underlying systemic sclerosis. <i>Nature Communications</i> , 2014 , 5, 5797	17.4	98
124	Bone marrow-derived cells contribute to vascular inflammation but do not differentiate into smooth muscle cell lineages. <i>Circulation</i> , 2010 , 122, 2048-57	16.7	94
123	Activation of Na(+)-H+ antiporter (NHE-1) gene expression during growth, hypertrophy and proliferation of the rabbit cardiovascular system. <i>Journal of Molecular and Cellular Cardiology</i> , 1995 , 27, 729-42	5.8	87
122	Macrophages and islet inflammation in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2013 , 15 Suppl 3, 152-8	6.7	85

121	Significance of the transcription factor KLF5 in cardiovascular remodeling. <i>Journal of Thrombosis and Haemostasis</i> , 2005 , 3, 1569-76	15.4	84
120	Redifferentiation of smooth muscle cells after coronary angioplasty determined via myosin heavy chain expression. <i>Circulation</i> , 1997 , 96, 82-90	16.7	84
119	Thrombomodulin is a clock-controlled gene in vascular endothelial cells. <i>Journal of Biological Chemistry</i> , 2007 , 282, 32561-7	5.4	81
118	A nanoparticle system specifically designed to deliver short interfering RNA inhibits tumor growth in vivo. <i>Cancer Research</i> , 2009 , 69, 6531-8	10.1	80
117	Vasorin, a transforming growth factor beta-binding protein expressed in vascular smooth muscle cells, modulates the arterial response to injury in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 10732-7	11.5	79
116	A heart-brain-kidney network controls adaptation to cardiac stress through tissue macrophage activation. <i>Nature Medicine</i> , 2017 , 23, 611-622	50.5	78
115	Synthetic retinoid Am80 suppresses smooth muscle phenotypic modulation and in-stent neointima formation by inhibiting KLF5. <i>Circulation Research</i> , 2005 , 97, 1132-41	15.7	76
114	The secreted protein ANGPTL2 promotes metastasis of osteosarcoma cells through integrin $\beta 1$, p38 MAPK, and matrix metalloproteinases. <i>Science Signaling</i> , 2014 , 7, ra7	8.8	75
113	Regulation of platelet-derived growth factor-A chain by Krüppel-like factor 5: new pathway of cooperative activation with nuclear factor-kappaB. <i>Journal of Biological Chemistry</i> , 2004 , 279, 70-6	5.4	75
112	Development of a smooth muscle-targeted cre recombinase mouse reveals novel insights regarding smooth muscle myosin heavy chain promoter regulation. <i>Circulation Research</i> , 2000 , 87, 363-9	15.7	75
111	Lnk regulates integrin $\alpha 11\beta 3$ outside-in signaling in mouse platelets, leading to stabilization of thrombus development in vivo. <i>Journal of Clinical Investigation</i> , 2010 , 120, 179-90	15.9	71
110	Cellular Interplay between Cardiomyocytes and Nonmyocytes in Cardiac Remodeling. <i>International Journal of Inflammation</i> , 2011 , 2011, 535241	6.4	68
109	Granulocyte macrophage colony-stimulating factor is required for aortic dissection/intramural haematoma. <i>Nature Communications</i> , 2015 , 6, 6994	17.4	66
108	Krüppel-like factor 5 is important for maintenance of crypt architecture and barrier function in mouse intestine. <i>Gastroenterology</i> , 2011 , 141, 1302-13, 1313.e1-6	13.3	64
107	In vivo imaging visualizes discoid platelet aggregations without endothelium disruption and implicates contribution of inflammatory cytokine and integrin signaling. <i>Blood</i> , 2012 , 119, e45-56	2.2	63
106	Differential contributions of graft-derived and host-derived cells in tissue regeneration/remodeling after fat grafting. <i>Plastic and Reconstructive Surgery</i> , 2015 , 135, 1607-1617	2.7	56
105	Excess Lymphangiogenesis Cooperatively Induced by Macrophages and CD4(+) T Cells Drives the Pathogenesis of Lymphedema. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 706-714	4.3	55
104	Two transcripts regulated by m6A methylation code for two antagonistic kinases in the control of the circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 5980-5985	11.5	55

103	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. <i>Circulation</i> , 2000 , 102, 2528-34	16.7	54
102	Synthetic retinoid Am80 reduces scavenger receptor expression and atherosclerosis in mice by inhibiting IL-6. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 1177-83	9.4	52
101	Smooth muscle-targeted knockout of connexin43 enhances neointimal formation in response to vascular injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1037-42	9.4	52
100	KLF5 regulates the integrity and oncogenicity of intestinal stem cells. <i>Cancer Research</i> , 2014 , 74, 2882-91	10.1	50
99	C-reactive protein induces VCAM-1 gene expression through NF-kappaB activation in vascular endothelial cells. <i>Atherosclerosis</i> , 2006 , 185, 39-46	3.1	50
98	Macrophage hypoxia signaling regulates cardiac fibrosis via Oncostatin M. <i>Nature Communications</i> , 2019 , 10, 2824	17.4	45
97	Toll-like receptor, lipotoxicity and chronic inflammation: the pathological link between obesity and cardiometabolic disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014 , 21, 629-39	4	42
96	Angiotensin II receptor blocker inhibits neointimal hyperplasia through regulation of smooth muscle-like progenitor cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2363-9	9.4	42
95	Kruppel-like factor 5 causes cartilage degradation through transactivation of matrix metalloproteinase 9. <i>Journal of Biological Chemistry</i> , 2008 , 283, 24682-9	5.4	41
94	Complement C1q-induced activation of Eatenin signalling causes hypertensive arterial remodelling. <i>Nature Communications</i> , 2015 , 6, 6241	17.4	40
93	Bmal1 regulates inflammatory responses in macrophages by modulating enhancer RNA transcription. <i>Scientific Reports</i> , 2017 , 7, 7086	4.9	40
92	The smooth muscle myosin heavy chain gene exhibits smooth muscle subtype-selective modular regulation in vivo. <i>Journal of Biological Chemistry</i> , 2001 , 276, 39076-87	5.4	40
91	Klf5 regulates muscle differentiation by directly targeting muscle-specific genes in cooperation with MyoD in mice. <i>ELife</i> , 2016 , 5,	8.9	39
90	Reduced adiponectin level is associated with severity of coronary artery disease. <i>International Heart Journal</i> , 2007 , 48, 149-53	1.8	37
89	ANGPTL2 increases bone metastasis of breast cancer cells through enhancing CXCR4 signaling. <i>Scientific Reports</i> , 2015 , 5, 9170	4.9	36
88	Regulation of smooth muscle phenotype. <i>Current Atherosclerosis Reports</i> , 2003 , 5, 214-22	6	36
87	Internal deletion of BCOR reveals a tumor suppressor function for BCOR in T lymphocyte malignancies. <i>Journal of Experimental Medicine</i> , 2017 , 214, 2901-2913	16.6	35
86	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. <i>Circulation Journal</i> , 2009 , 73, 2250-7	2.9	35

85	ANGPTL2 activity in cardiac pathologies accelerates heart failure by perturbing cardiac function and energy metabolism. <i>Nature Communications</i> , 2016 , 7, 13016	17.4	34
84	IRF3 regulates cardiac fibrosis but not hypertrophy in mice during angiotensin II-induced hypertension. <i>FASEB Journal</i> , 2011 , 25, 1531-43	0.9	34
83	Ataxia telangiectasia mutated in cardiac fibroblasts regulates doxorubicin-induced cardiotoxicity. <i>Cardiovascular Research</i> , 2016 , 110, 85-95	9.9	33
82	VEGF-A induces its negative regulator, soluble form of VEGFR-1, by modulating its alternative splicing. <i>FEBS Letters</i> , 2013 , 587, 2179-85	3.8	32
81	Saturated fatty acid palmitate aggravates neointima formation by promoting smooth muscle phenotypic modulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2596-607	9.4	29
80	Modulation of cardiac fibrosis by Krüppel-like factor 6 through transcriptional control of thrombospondin 4 in cardiomyocytes. <i>Cardiovascular Research</i> , 2015 , 107, 420-30	9.9	27
79	Effects of atorvastatin 20 mg, rosuvastatin 10 mg, and atorvastatin/ezetimibe 5 mg/5 mg on lipoproteins and glucose metabolism. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2010 , 15, 167-74	2.6	27
78	KLF5/BTEB2, a Krüppel-like zinc-finger type transcription factor, mediates both smooth muscle cell activation and cardiac hypertrophy. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 538, 57-65; discussion 66	3.6	27
77	Isolation of the embryonic form of smooth muscle myosin heavy chain (SMemb/NMHC-B) gene and characterization of its 5Rflanking region. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 239, 598-605	3.4	26
76	p53-inducible DPYSL4 associates with mitochondrial supercomplexes and regulates energy metabolism in adipocytes and cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 8370-8375	11.5	24
75	Sperm-associated antigen 4, a novel hypoxia-inducible factor 1 target, regulates cytokinesis, and its expression correlates with the prognosis of renal cell carcinoma. <i>American Journal of Pathology</i> , 2013 , 182, 2191-203	5.8	24
74	Regulatory polymorphism in transcription factor KLF5 at the MEF2 element alters the response to angiotensin II and is associated with human hypertension. <i>FASEB Journal</i> , 2010 , 24, 1780-8	0.9	24
73	Structure and characterization of the 5Rflanking region of the mouse smooth muscle myosin heavy chain (SM1/2) gene. <i>Circulation Research</i> , 1996 , 78, 978-89	15.7	23
72	The Ω polyunsaturated fatty acid, eicosapentaenoic acid, attenuates abdominal aortic aneurysm development via suppression of tissue remodeling. <i>PLoS ONE</i> , 2014 , 9, e96286	3.7	23
71	insufficiency promotes initiation and progression of myelodysplastic syndrome. <i>Blood</i> , 2018 , 132, 2470-2483	24.8	23
70	Phenotypic modulation of smooth muscle cells in lymphoedema. <i>British Journal of Dermatology</i> , 2015 , 172, 1286-93	4	22
69	Melatonin ameliorates angiotensin II-induced vascular endothelial damage via its antioxidative properties. <i>Journal of Pineal Research</i> , 2013 , 55, 287-93	10.4	22
68	Demonstration of a bio-microactuator powered by vascular smooth muscle cells coupled to polymer micropillars. <i>Lab on A Chip</i> , 2008 , 8, 58-61	7.2	22

67	Phenotypic modulation of smooth muscle cells during progression of human atherosclerosis as determined by altered expression of myosin heavy chain isoforms. <i>Annals of the New York Academy of Sciences</i> , 1995 , 748, 578-85	6.5	22
66	The nuclear IB family protein IBNS influences the susceptibility to experimental autoimmune encephalomyelitis in a murine model. <i>PLoS ONE</i> , 2014 , 9, e110838	3.7	22
65	The H3K9 methyltransferase Setdb1 regulates TLR4-mediated inflammatory responses in macrophages. <i>Scientific Reports</i> , 2016 , 6, 28845	4.9	21
64	Krüppel-Like Factors in Metabolic Homeostasis and Cardiometabolic Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 69	5.4	20
63	Palmitate promotes the paracrine effects of macrophages on vascular smooth muscle cells: the role of bone morphogenetic proteins. <i>PLoS ONE</i> , 2012 , 7, e29100	3.7	20
62	A new type of familial central diabetes insipidus caused by a single base substitution in the neurophysin II coding region of the vasopressin gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 1787-1790	5.6	20
61	Integrated regulation of the cellular metabolism and function of immune cells in adipose tissue. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 294-303	3	20
60	CHD1 acts via the Hmgpi pathway to regulate mouse early embryogenesis. <i>Development (Cambridge)</i> , 2015 , 142, 2375-84	6.6	19
59	Control of Toll-like receptor-mediated T cell-independent type 1 antibody responses by the inducible nuclear protein IB- \square . <i>Journal of Biological Chemistry</i> , 2014 , 289, 30925-36	5.4	17
58	A novel mutation causing complete deficiency of thyroxine binding globulin. <i>Clinical Endocrinology</i> , 1997 , 47, 1-5	3.4	17
57	Organ System Crosstalk in Cardiometabolic Disease in the Age of Multimorbidity. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 64	5.4	16
56	Angiopoietin-like protein 2 renders colorectal cancer cells resistant to chemotherapy by activating spleen tyrosine kinase-phosphoinositide 3-kinase-dependent anti-apoptotic signaling. <i>Cancer Science</i> , 2014 , 105, 1550-9	6.9	16
55	Lineage of bone marrow-derived cells in atherosclerosis. <i>Circulation Research</i> , 2013 , 112, 1634-47	15.7	16
54	A long noncoding RNA regulates inflammation resolution by mouse macrophages through fatty acid oxidation activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 14365-14375	11.5	15
53	Choroidal neovascularization is inhibited via an intraocular decrease of inflammatory cells in mice lacking complement component C3. <i>Scientific Reports</i> , 2015 , 5, 15702	4.9	15
52	Soluble fms-like tyrosine kinase-1 and the progression of carotid intima-media thickness \square 24-month follow-up study \square <i>Circulation Journal</i> , 2010 , 74, 2211-5	2.9	15
51	maintains the balance of primitive endoderm versus epiblast specification during mouse embryonic development by suppression of. <i>Development (Cambridge)</i> , 2017 , 144, 3706-3718	6.6	15
50	Angiotensin II impairs endothelial nitric-oxide synthase bioavailability under free cholesterol-enriched conditions via intracellular free cholesterol-rich membrane microdomains. <i>Journal of Biological Chemistry</i> , 2013 , 288, 14497-14509	5.4	14

49	Vascular endothelial growth factor, soluble fms-like tyrosine kinase 1, and the severity of coronary artery disease. <i>Angiology</i> , 2011 , 62, 176-83	2.1	14
48	Cardiac dopamine D1 receptor triggers ventricular arrhythmia in chronic heart failure. <i>Nature Communications</i> , 2020 , 11, 4364	17.4	14
47	Associations of variations in the MRF2/ARID5B gene with susceptibility to type 2 diabetes in the Japanese population. <i>Journal of Human Genetics</i> , 2012 , 57, 727-33	4.3	12
46	Upregulation of cancer-associated gene expression in activated fibroblasts in a mouse model of non-alcoholic steatohepatitis. <i>Scientific Reports</i> , 2019 , 9, 19601	4.9	12
45	Role of Phagocytosis in the Pro-Inflammatory Response in LDL-Induced Foam Cell Formation; a Transcriptome Analysis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
44	Signaling Pathways Potentially Responsible for Foam Cell Formation: Cholesterol Accumulation or Inflammatory Response-What is First?. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
43	Development of a mouse model for the visual and quantitative assessment of lymphatic trafficking and function by in vivo imaging. <i>Scientific Reports</i> , 2018 , 8, 5921	4.9	11
42	Upregulation of ANGPTL6 in mouse keratinocytes enhances susceptibility to psoriasis. <i>Scientific Reports</i> , 2016 , 6, 34690	4.9	9
41	Expression of interleukin-18 in coronary plaque obtained by atherectomy from patients with stable and unstable angina. <i>Thrombosis Research</i> , 2007 , 121, 275-9	8.2	9
40	Desuppression of TGF- β signaling via nuclear c-Abl-mediated phosphorylation of TIF1/TRIM33 at Tyr-524, -610, and -1048. <i>Oncogene</i> , 2019 , 38, 637-655	9.2	9
39	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. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 2049-57	5.4	8
38	Nickel-free stainless steel avoids neointima formation following coronary stent implantation. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 064218	7.1	8
37	Tonic block of the Na ⁺ current in single atrial and ventricular guinea-pig myocytes, by a new antiarrhythmic drug, Ro 22-9194. <i>Fundamental and Clinical Pharmacology</i> , 1997 , 11, 402-7	3.1	8
36	Cardiac macrophages prevent sudden death during heart stress. <i>Nature Communications</i> , 2021 , 12, 191017.4	17.4	8
35	Choroidal Neovascularization Is Inhibited in Splenic-Denervated or Splenectomized Mice with a Concomitant Decrease in Intraocular Macrophage. <i>PLoS ONE</i> , 2016 , 11, e0160985	3.7	8
34	Interstitial pneumonia induced by bleomycin treatment is exacerbated in Angptl2-deficient mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 311, L704-L713	5.8	8
33	Palmitate and minimally-modified low-density lipoprotein cooperatively promote inflammatory responses in macrophages. <i>PLoS ONE</i> , 2018 , 13, e0193649	3.7	7
32	Hematuria in patients with renal hypouricemia. <i>Internal Medicine</i> , 1998 , 37, 40-6	1.1	7

31	Genetic variations of Mrf-2/ARID5B confer risk of coronary atherosclerosis in the Japanese population. <i>International Heart Journal</i> , 2008 , 49, 313-27	1.8	7
30	Noninvasive screening test for detecting early stage lymphedema using follow-up computed tomography imaging after cancer treatment and results of treatment with lymphaticovenular anastomosis. <i>Microsurgery</i> , 2017 , 37, 910-916	2.1	6
29	Therapeutic targeting of mitochondrial ROS ameliorates murine model of volume overload cardiomyopathy. <i>Journal of Pharmacological Sciences</i> , 2019 , 141, 56-63	3.7	6
28	Renal handling of urate in a patient with familial juvenile gouty nephropathy. <i>Internal Medicine</i> , 1996 , 35, 564-8	1.1	5
27	Intracrine activity involving NAD-dependent circadian steroidogenic activity governs age-associated meibomian gland dysfunction. <i>Nature Aging</i> ,		3
26	Development and implementation of an advanced coronary angiography and intervention database system. <i>International Heart Journal</i> , 2012 , 53, 35-42	1.8	3
25	Identification of a KLF5-dependent program and drug development for skeletal muscle atrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
24	Murine Model of Pulmonary Artery Overflow Vasculopathy Revealed Macrophage Accumulation in the Lung. <i>International Heart Journal</i> , 2019 , 60, 451-456	1.8	2
23	Diagnostic implication of change in b-type natriuretic peptide (BNP) for prediction of subsequent target lesion revascularization following sirolimus-eluting stent deployment. <i>International Journal of Cardiology</i> , 2013 , 168, 1429-34	3.2	2
22	Congenital Contractural Arachnodactyly without FBN1 or FBN2 Gene Mutations Complicated by Dilated Cardiomyopathy. <i>Internal Medicine</i> , 2015 , 54, 1237-41	1.1	2
21	Facilitation of beta-adrenoceptor-mediated slow channel responses by hypoxia in guinea pig ventricular myocardium. <i>Journal of Electrocardiology</i> , 1993 , 26, 69-75	1.4	2
20	Immunometabolic control of homeostasis and inflammation. <i>Inflammation and Regeneration</i> , 2015 , 35, 185-192	10.9	2
19	Influence of periostin-positive cell-specific Klf5 deletion on aortic thickening in DOCA-salt hypertensive mice. <i>Hypertension Research</i> , 2016 , 39, 764-768	4.7	2
18	Cell Cycle Perturbation Induces Collagen Production in Fibroblasts. <i>International Heart Journal</i> , 2019 , 60, 958-963	1.8	1
17	Tamibarotene-loaded citric acid-crosslinked alkali-treated collagen matrix as a coating material for a drug-eluting stent. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 064208	7.1	1
16	KLF5/BTEB2, a Krüppel-like zinc-finger type transcription factor, mediates smooth muscle cell activation as well as cardiovascular remodeling. <i>International Congress Series</i> , 2004 , 1262, 107-110		1
15	Amitriptyline inhibits the G protein and K ⁺ channel in the cloned thyroid cell line. <i>European Journal of Pharmacology</i> , 1996 , 312, 115-9	5.3	1
14	VDR regulates simulated microgravity-induced atrophy in C2C12 myotubes.. <i>Scientific Reports</i> , 2022 , 12, 1377	4.9	1

13	Krüppel-like Factors: Ingenious Three Fingers Directing Biology and Pathobiology 2009 , 3-18		1
12	Common and differential effects of docosahexaenoic acid and eicosapentaenoic acid on helper T-cell responses and associated pathways. <i>BMB Reports</i> , 2021 , 54, 278-283	5.5	1
11	Adipose Tissue Remodeling, Chronic Inflammation and T-cell-macrophage Interactions in Obesity Visualized by in vivo Molecular Imaging Method. <i>Inflammation Research</i> , 2009 , 58, S234-S238	7.2	
10	Influence of extracellular H ⁺ and Ca ²⁺ on Ro 22-9194-induced block of sodium current in cardiac myocytes. <i>General Pharmacology</i> , 1997 , 29, 557-60		
9	KLF5/BTEB2, a Krüppel-like Transcription Factor, Regulates Smooth Muscle Phenotypic Modulation. <i>Progress in Experimental Cardiology</i> , 2003 , 417-423		
8	Endoplasmic reticulum stress signaling modulates smooth muscle phenotypes. <i>FASEB Journal</i> , 2008 , 22, 744.2	0.9	
7	4. NeuroImmuneMetabolic Control of Cardiac Homeostasis and Disease. <i>Japanese Journal of Clinical Pharmacology and Therapeutics</i> , 2020 , 51, 177-180		0
6	Resident cardiac macrophages are involved in cardioprotection through metabolic regulation of cardiomyocytes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2020 , 93, 3-O-133		0
5	IL-1[alpha] induces thrombopoiesis through megakaryocyte rupture in response to acute platelet needs. <i>Journal of Experimental Medicine</i> , 2015 , 212, 2125OIA27	16.6	
4	Drug Development and Krüppel-like Factors 2009 , 245-252		
3	Obese adipose tissue remodeling, malfunctioning, and chronic inflammation visualized by in vivo molecular imaging. <i>Inflammation and Regeneration</i> , 2009 , 29, 118-122	10.9	
2	Saturated fatty acid, palmitate, promotes smooth muscle phenotypic modulation and exacerbates neointima formation.. <i>FASEB Journal</i> , 2009 , 23, 357.3	0.9	
1	Stromal Vascular Cells 2013 , 41-52		