Ichiro Manabe

List of Publications by Year
in descending order

164 papers	14,609 citations	23567 58 h-index	19749 117 g-index
171 all docs	171 docs citations	171 times ranked	21955 citing authors

#	Article	IF	Citations
1	CD8+ effector T cells contribute to macrophage recruitment and adipose tissue inflammation in obesity. Nature Medicine, 2009, 15, 914-920.	30.7	1,887
2	RNA-Methylation-Dependent RNA Processing Controls the Speed of the Circadian Clock. Cell, 2013, 155, 793-806.	28.9	775
3	Overexpression of Monocyte Chemoattractant Protein-1 in Adipose Tissues Causes Macrophage Recruitment and Insulin Resistance. Journal of Biological Chemistry, 2006, 281, 26602-26614.	3.4	746
4	Gene Expression in Fibroblasts and Fibrosis. Circulation Research, 2002, 91, 1103-1113.	4.5	469
5	Saturated Fatty Acid and TLR Signaling Link Î² Cell Dysfunction and Islet Inflammation. Cell Metabolism, 2012, 15, 518-533.	16.2	447
6	Adipogenesis in Obesity Requires Close Interplay Between Differentiating Adipocytes, Stromal Cells, and Blood Vessels. Diabetes, 2007, 56, 1517-1526.	0.6	407
7	Direct reciprocal effects of resistin and adiponectin on vascular endothelial cells: a new insight into adipocytokineâ€“endothelial cell interactions. Biochemical and Biophysical Research Communications, 2004, 314, 415-419.	2.1	403
8	Macrophages in inflammation, repair and regeneration. International Immunology, 2018, 30, 511-528.	4.0	402
9	KrÃ¼ppel-like transcription factor KLF5 is a key regulator of adipocyte differentiation. Cell Metabolism, 2005, 1, 27-39.	16.2	391
10	KrÃ¼ppel-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, 856-863.	30.7	362
11	Cardiac fibroblasts are essential for the adaptive response of the murine heart to pressure overload. Journal of Clinical Investigation, 2010, 120, 254-265.	8.2	336
12	SREBP1 Contributes to Resolution of Pro-inflammatory TLR4 Signaling by Reprogramming Fatty Acid Metabolism. Cell Metabolism, 2017, 25, 412-427.	16.2	263
13	HIF-1Î±-PDK1 axis-induced active glycolysis plays an essential role in macrophage migratory capacity. Nature Communications, 2016, 7, 11635.	12.8	233
14	In vivo imaging in mice reveals local cell dynamics and inflammation in obese adipose tissue. Journal of Clinical Investigation, 2008, 118, 710-21.	8.2	221
15	IL-1Î± induces thrombopoiesis through megakaryocyte rupture in response to acute platelet needs. Journal of Cell Biology, 2015, 209, 453-466.	5.2	213
16	Renal collecting duct epithelial cells regulate inflammation in tubulointerstitial damage in mice. Journal of Clinical Investigation, 2011, 121, 3425-3441.	8.2	208
17	Obesity accelerates T cell senescence in murine visceral adipose tissue. Journal of Clinical Investigation, 2016, 126, 4626-4639.	8.2	207
18	Chronic Inflammation Links Cardiovascular, Metabolic and Renal Diseases. Circulation Journal, 2011, 75, 2739-2748.	1.6	201

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19	Adipose Natural Regulatory B Cells Negatively Control Adipose Tissue Inflammation. Cell Metabolism, 2013, 18, 759-766.	16.2	195
20	Macrophages in age-related chronic inflammatory diseases. Npj Aging and Mechanisms of Disease, 2016, 2, 16018.	4.5	183
21	Recruitment of Serum Response Factor and Hyperacetylation of Histones at Smooth Muscleâ€“Specific Regulatory Regions During Differentiation of a Novel P19-Derived In Vitro Smooth Muscle Differentiation System. Circulation Research, 2001, 88, 1127-1134.	4.5	160
22	Macrophage-inducible C-type lectin underlies obesity-induced adipose tissue fibrosis. Nature Communications, 2014, 5, 4982.	12.8	156
23	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, 146-153.	4.5	144
24	Smooth Muscleâ€“Specific Expression of the Smooth Muscle Myosin Heavy Chain Gene in Transgenic Mice Requires 5â€²-Flanking and First Intronic DNA Sequence. Circulation Research, 1998, 82, 908-917.	4.5	141
25	SUMOylation of KrÃ¼ppel-like transcription factor 5 acts as a molecular switch in transcriptional programs of lipid metabolism involving PPAR-Î´. Nature Medicine, 2008, 14, 656-666.	30.7	141
26	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, 238-249.	3.2	137
27	Klf5 is involved in self-renewal of mouse embryonic stem cells. Journal of Cell Science, 2008, 121, 2629-2634.	2.0	135
28	BTEB2, a Krueppel-Like Transcription Factor, Regulates Expression of the SMemb/Nonmuscle Myosin Heavy Chain B (SMemb/NMHC-B) Gene. Circulation Research, 1999, 85, 182-191.	4.5	134
29	ÎEF1 Mediates TGF-Î² Signaling in Vascular Smooth Muscle Cell Differentiation. Developmental Cell, 2006, 11, 93-104.	7.0	134
30	Jagged1-selective Notch Signaling Induces Smooth Muscle Differentiation via a RBP-JÎº-dependent Pathway. Journal of Biological Chemistry, 2006, 281, 28555-28564.	3.4	131
31	CArG elements control smooth muscle subtypeâ€“specific expression of smooth muscle myosin in vivo. Journal of Clinical Investigation, 2001, 107, 823-834.	8.2	129
32	Simultaneous downregulation of KLF5 and Fli1 is a key feature underlying systemic sclerosis. Nature Communications, 2014, 5, 5797.	12.8	120
33	A heartâ€“brainâ€“kidney network controls adaptation to cardiac stress through tissue macrophage activation. Nature Medicine, 2017, 23, 611-622.	30.7	119
34	Bone Marrowâ€“Derived Cells Contribute to Vascular Inflammation but Do Not Differentiate Into Smooth Muscle Cell Lineages. Circulation, 2010, 122, 2048-2057.	1.6	116
35	Vasorin, a transforming growth factor Î²-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, 10732-10737.	7.1	107
36	Significance of the transcription factor KLF5 in cardiovascular remodeling. Journal of Thrombosis and Haemostasis, 2005, 3, 1569-1576.	3.8	102

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37	Thrombomodulin Is a Clock-controlled Gene in Vascular Endothelial Cells. Journal of Biological Chemistry, 2007, 282, 32561-32567.	3.4	101
38	The Secreted Protein ANGPTL2 Promotes Metastasis of Osteosarcoma Cells Through Integrin Î± ₅ Î² ₁ , p38 MAPK, and Matrix Metalloproteinases. Science Signaling, 2014, 7, ra7.	3.6	101
39	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, 729-742.	1.9	99
40	Redifferentiation of Smooth Muscle Cells After Coronary Angioplasty Determined via Myosin Heavy Chain Expression. Circulation, 1997, 96, 82-90.	1.6	97
41	Macrophages and islet inflammation in type 2 diabetes. Diabetes, Obesity and Metabolism, 2013, 15, 152-158.	4.4	96
42	Macrophage hypoxia signaling regulates cardiac fibrosis via Oncostatin M. Nature Communications, 2019, 10, 2824.	12.8	93
43	A Nanoparticle System Specifically Designed to Deliver Short Interfering RNA Inhibits Tumor Growth In vivo. Cancer Research, 2009, 69, 6531-6538.	0.9	89
44	Regulation of Platelet-derived Growth Factor-A Chain by KrÃ¼ppel-like Factor 5. Journal of Biological Chemistry, 2004, 279, 70-76.	3.4	87
45	Synthetic Retinoid Am80 Suppresses Smooth Muscle Phenotypic Modulation and In-Stent Neointima Formation by Inhibiting KLF5. Circulation Research, 2005, 97, 1132-1141.	4.5	87
46	Granulocyte macrophage colony-stimulating factor is required for aortic dissection/intramural haematoma. Nature Communications, 2015, 6, 6994.	12.8	86
47	Development of a Smooth Muscleâ€“Targeted Cre Recombinase Mouse Reveals Novel Insights Regarding Smooth Muscle Myosin Heavy Chain Promoter Regulation. Circulation Research, 2000, 87, 363-369.	4.5	84
48	Lnk regulates integrin Î±IIbÎ²3 outside-in signaling in mouse platelets, leading to stabilization of thrombus development in vivo. Journal of Clinical Investigation, 2010, 120, 179-190.	8.2	84
49	Cellular Interplay between Cardiomyocytes and Nonmyocytes in Cardiac Remodeling. International Journal of Inflammation, 2011, 2011, 1-13.	1.5	81
50	KrÃ¼ppel-Like Factor 5 Is Important for Maintenance of Crypt Architecture and Barrier Function in Mouse Intestine. Gastroenterology, 2011, 141, 1302-1313.e6.	1.3	79
51	Excess Lymphangiogenesis Cooperatively Induced by Macrophages and CD4+ T Cells Drives the Pathogenesis of Lymphedema. Journal of Investigative Dermatology, 2016, 136, 706-714.	0.7	79
52	Two Ck1Î´ 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.	7.1	79
53	In vivo imaging visualizes discoid platelet aggregations without endothelium disruption and implicates contribution of inflammatory cytokine and integrin signaling. Blood, 2012, 119, e45-e56.	1.4	71
54	KLF5 Regulates the Integrity and Oncogenicity of Intestinal Stem Cells. Cancer Research, 2014, 74, 2882-2891.	0.9	66

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55	Differential Contributions of Graft-Derived and Host-Derived Cells in Tissue Regeneration/Remodeling after Fat Grafting. Plastic and Reconstructive Surgery, 2015, 135, 1607-1617.	1.4	66
56	Bmal1 regulates inflammatory responses in macrophages by modulating enhancer RNA transcription. Scientific Reports, 2017, 7, 7086.	3.3	65
57	Klf5 regulates muscle differentiation by directly targeting muscle-specific genes in cooperation with MyoD in mice. ELife, 2016, 5, .	6.0	64
58	C-reactive protein induces VCAM-1 gene expression through NF-Î¹B activation in vascular endothelial cells. Atherosclerosis, 2006, 185, 39-46.	0.8	60
59	Regulated Expression of the BTEB2 Transcription Factor in Vascular Smooth Muscle Cells. Circulation, 2000, 102, 2528-2534.	1.6	59
60	Smooth Muscleâ€“Targeted Knockout of Connexin43 Enhances Neointimal Formation in Response to Vascular Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1037-1042.	2.4	58
61	Synthetic Retinoid Am80 Reduces Scavenger Receptor Expression and Atherosclerosis in Mice by Inhibiting IL-6. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1177-1183.	2.4	56
62	KrÃ¼ppel-like Factor 5 Causes Cartilage Degradation through Transactivation of Matrix Metalloproteinase 9. Journal of Biological Chemistry, 2008, 283, 24682-24689.	3.4	51
63	Toll-Like Receptor, Lipotoxicity and Chronic inflammation: The Pathological Link Between Obesity and Cardiometabolic Disease. Journal of Atherosclerosis and Thrombosis, 2014, 21, 629-639.	2.0	51
64	Complement C1q-induced activation of Î²-catenin signalling causes hypertensive arterial remodelling. Nature Communications, 2015, 6, 6241.	12.8	51
65	ANGPTL2 increases bone metastasis of breast cancer cells through enhancing CXCR4 signaling. Scientific Reports, 2015, 5, 9170.	3.3	49
66	The Smooth Muscle Myosin Heavy Chain Gene Exhibits Smooth Muscle Subtype-selective Modular Regulation in Vivo. Journal of Biological Chemistry, 2001, 276, 39076-39087.	3.4	48
67	Angiotensin II Receptor Blocker Inhibits Neointimal Hyperplasia Through Regulation of Smooth Muscleâ€“Like Progenitor Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2363-2369.	2.4	48
68	Ataxia telangiectasia mutated in cardiac fibroblasts regulates doxorubicin-induced cardiotoxicity. Cardiovascular Research, 2016, 110, 85-95.	3.8	48
69	ANGPTL2 activity in cardiac pathologies accelerates heart failure by perturbing cardiac function and energy metabolism. Nature Communications, 2016, 7, 13016.	12.8	46
70	Reduced Adiponectin Level Is Associated With Severity of Coronary Artery Disease. International Heart Journal, 2007, 48, 149-153.	1.0	43
71	Internal deletion of BCOR reveals a tumor suppressor function for BCOR in T lymphocyte malignancies. Journal of Experimental Medicine, 2017, 214, 2901-2913.	8.5	43
72	Regulation of smooth muscle phenotype. Current Atherosclerosis Reports, 2003, 5, 214-222.	4.8	42

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73	Cardiac dopamine D1 receptor triggers ventricular arrhythmia in chronic heart failure. Nature Communications, 2020, 11, 4364.	12.8	42
74	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.	7.1	41
75	Cardiac macrophages prevent sudden death during heart stress. Nature Communications, 2021, 12, 1910.	12.8	41
76	KrÃ¼ppel-Like Factors in Metabolic Homeostasis and Cardiometabolic Disease. Frontiers in Cardiovascular Medicine, 2018, 5, 69.	2.4	40
77	Organ System Crosstalk in Cardiometabolic Disease in the Age of Multimorbidity. Frontiers in Cardiovascular Medicine, 2020, 7, 64.	2.4	39
78	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.	7.1	39
79	VEGFâ€A induces its negative regulator, soluble form of VEGFRâ€1, by modulating its alternative splicing. FEBS Letters, 2013, 587, 2179-2185.	2.8	38
80	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, 2250-2257.	1.6	37
81	IRF3 regulates cardiac fibrosis but not hypertrophy in mice during angiotensin IIâ€induced hypertension. FASEB Journal, 2011, 25, 1531-1543.	0.5	37
82	Modulation of cardiac fibrosis by KrÃ¼ppel-like factor 6 through transcriptional control of thrombospondin 4 in cardiomyocytes. Cardiovascular Research, 2015, 107, 420-430.	3.8	37
83	Bcor insufficiency promotes initiation and progression of myelodysplastic syndrome. Blood, 2018, 132, 2470-2483.	1.4	36
84	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, 167-174.	2.0	35
85	Saturated Fatty Acid Palmitate Aggravates Neointima Formation by Promoting Smooth Muscle Phenotypic Modulation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2596-2607.	2.4	35
86	The H3K9 methyltransferase Setdb1 regulates TLR4-mediated inflammatory responses in macrophages. Scientific Reports, 2016, 6, 28845.	3.3	35
87	Demonstration of a bio-microactuator powered by vascular smooth muscle cells coupled to polymer micropillars. Lab on A Chip, 2008, 8, 58-61.	6.0	31
88	KLF5/BTEB2, A KrÃ¼ppel-like Zinc-finger Type Transcription Factor, Mediates Both Smooth Muscle Cell Activation And Cardiac Hypertrophy. Advances in Experimental Medicine and Biology, 2003, 538, 57-66.	1.6	31
89	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, 1780-1788.	0.5	30
90	Phenotypic modulation of smooth muscle cells in lymphoedema. British Journal of Dermatology, 2015, 172, 1286-1293.	1.5	30

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91	Structure and Characterization of the 5â€²-Flanking Region of the Mouse Smooth Muscle Myosin Heavy Chain (SM1/2) Gene. Circulation Research, 1996, 78, 978-989.	4.5	29
92	The Nuclear IÎºB Family Protein IÎºBNS Influences the Susceptibility to Experimental Autoimmune Encephalomyelitis in a Murine Model. PLoS ONE, 2014, 9, e110838.	2.5	29
93	Isolation of the Embryonic Form of Smooth Muscle Myosin Heavy Chain (SMemb/NMHC-B) Gene and Characterization of Its 5â€²-Flanking Region. Biochemical and Biophysical Research Communications, 1997, 239, 598-605.	2.1	28
94	The Ï‰-3 Polyunsaturated Fatty Acid, Eicosapentaenoic Acid, Attenuates Abdominal Aortic Aneurysm Development via Suppression of Tissue Remodeling. PLoS ONE, 2014, 9, e96286.	2.5	28
95	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, 2191-2203.	3.8	27
96	Melatonin ameliorates <scp>A</scp>ngiotensin <scp>II</scp>â€induced vascular endothelial damage via its antioxidative properties. Journal of Pineal Research, 2013, 55, 287-293.	7.4	27
97	Integrated regulation of the cellular metabolism and function of immune cells in adipose tissue. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 294-303.	1.9	26
98	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, 1994, 748, 578-585.	3.8	25
99	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.	3.6	25
100	Klf5 maintains the balance of primitive endoderm to epiblast specification during mouse embryonic development by suppression of Fgf4. Development (Cambridge), 2017, 144, 3706-3718.	2.5	24
101	CHD1 acts via the Hmgpi pathway to regulate mouse early embryogenesis. Development (Cambridge), 2015, 142, 2375-84.	2.5	23
102	Control of Toll-like Receptor-mediated T Cell-independent Type 1 Antibody Responses by the Inducible Nuclear Protein IÎºB-Î¶. Journal of Biological Chemistry, 2014, 289, 30925-30936.	3.4	22
103	Angiopoietinâ€like protein 2 renders colorectal cancer cells resistant to chemotherapy by activating spleen tyrosine kinaseâ€“phosphoinositide 3â€kinaseâ€dependent antiâ€apoptotic signaling. Cancer Science, 2014, 105, 1550-1559.	3.9	22
104	Choroidal neovascularization is inhibited via an intraocular decrease of inflammatory cells in mice lacking complement component C3. Scientific Reports, 2015, 5, 15702.	3.3	22
105	Palmitate Promotes the Paracrine Effects of Macrophages on Vascular Smooth Muscle Cells: The Role of Bone Morphogenetic Proteins. PLoS ONE, 2012, 7, e29100.	2.5	21
106	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.	3.3	21
107	Lineage of Bone Marrowâ€“Derived Cells in Atherosclerosis. Circulation Research, 2013, 112, 1634-1647.	4.5	20
108	A novel mutation causing complete deficiency of thyroxine binding globulin. Clinical Endocrinology, 1997, 47, 1-5.	2.4	18

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109	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.	3.4	18
110	Upregulation of cancer-associated gene expression in activated fibroblasts in a mouse model of non-alcoholic steatohepatitis. Scientific Reports, 2019, 9, 19601.	3.3	18
111	Role of Phagocytosis in the Pro-Inflammatory Response in LDL-Induced Foam Cell Formation; a Transcriptome Analysis. International Journal of Molecular Sciences, 2020, 21, 817.	4.1	17
112	Soluble Fms-Like Tyrosine Kinase-1 and the Progression of Carotid Intima-Media Thickness - 24-Month Follow-up Study -. Circulation Journal, 2010, 74, 2211-2215.	1.6	16
113	Vascular Endothelial Growth Factor, Soluble Fms-Like Tyrosine Kinase 1, and the Severity of Coronary Artery Disease. Angiology, 2011, 62, 176-183.	1.8	16
114	Associations of variations in the MRF2/ARID5B gene with susceptibility to type 2 diabetes in the Japanese population. Journal of Human Genetics, 2012, 57, 727-733.	2.3	16
115	Signaling Pathways Potentially Responsible for Foam Cell Formation: Cholesterol Accumulation or Inflammatory Responseâ€"What is First?. International Journal of Molecular Sciences, 2020, 21, 2716.	4.1	16
116	Desuppression of TGF-Î² signaling via nuclear c-Abl-mediated phosphorylation of TIF1Î³/TRIM33 at Tyr-524, -610, and -1048. Oncogene, 2019, 38, 637-655.	5.9	15
117	Expression of interleukin-18 in coronary plaque obtained by atherectomy from patients with stable and unstable angina. Thrombosis Research, 2007, 121, 275-279.	1.7	14
118	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.	2.9	13
119	Upregulation of ANGPTL6 in mouse keratinocytes enhances susceptibility to psoriasis. Scientific Reports, 2016, 6, 34690.	3.3	12
120	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, .	7.1	12
121	Tonic block of the Na⁺ current in single atrial and ventricular guineapig myocytes, by a new antiarrhythmic drug, Ro 22â€9194. Fundamental and Clinical Pharmacology, 1997, 11, 402-407.	1.9	11
122	Choroidal Neovascularization Is Inhibited in Splenic-Denervated or Splenectomized Mice with a Concomitant Decrease in Intraocular Macrophage. PLoS ONE, 2016, 11, e0160985.	2.5	11
123	Intracrine activity involving NAD-dependent circadian steroidogenic activity governs age-associated meibomian gland dysfunction. Nature Aging, 2022, 2, 105-114.	11.6	11
124	Hematuria in Patients with Renal Hypouricemia.. Internal Medicine, 1998, 37, 40-46.	0.7	10
125	Nickel-free stainless steel avoids neointima formation following coronary stent implantation. Science and Technology of Advanced Materials, 2012, 13, 064218.	6.1	10
126	Noninvasive screening test for detecting early stage lymphedema using followâ€up computed tomography imaging after cancer treatment and results of treatment with lymphaticovenular anastomosis. Microsurgery, 2017, 37, 910-916.	1.3	10

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127	KLF6 in Nonalcoholic Fatty Liver Disease: Role of Fibrogenesis and Carcinogenesis. Gastroenterology, 2008, 135, 309-312.	1.3	9
128	Polyâ€(<scp>L</scp>â€lactic acid) and citric acidâ€crosslinked gelatin composite matrices as a drugâ€eluting stent coating material with endothelialization, antithrombogenic, and drug release properties. Journal of Biomedical Materials Research - Part A, 2013, 101A, 2049-2057.	4.0	9
129	Palmitate and minimally-modified low-density lipoprotein cooperatively promote inflammatory responses in macrophages. PLoS ONE, 2018, 13, e0193649.	2.5	9
130	Nerveâ€“macrophage interactions in cardiovascular disease. International Immunology, 2022, 34, 81-95.	4.0	9
131	Therapeutic targeting of mitochondrial ROS ameliorates murine model of volume overload cardiomyopathy. Journal of Pharmacological Sciences, 2019, 141, 56-63.	2.5	8
132	Genetic Variations of Mrf-2/Arid5b Confer Risk of Coronary Atherosclerosis in the Japanese Population. International Heart Journal, 2008, 49, 313-327.	1.0	8
133	Renal Handling of Urate in a Patient with Familial Juvenile Gouty Nephropathy.. Internal Medicine, 1996, 35, 564-568.	0.7	6
134	Common and differential effects of docosahexaenoic acid and eicosapentaenoic acid on helper T-cell responses and associated pathways. BMB Reports, 2021, 54, 278-283.	2.4	6
135	KrÃ¼ppel-like Factors: Ingenious Three Fingers Directing Biology and Pathobiology. , 2009, , 3-18.		4
136	VDR regulates simulated microgravity-induced atrophy in C2C12 myotubes. Scientific Reports, 2022, 12, 1377.	3.3	4
137	Congenital Contractural Arachnodactyly without <i>FBN1</i> or <i>FBN2</i> Gene Mutations Complicated by Dilated Cardiomyopathy. Internal Medicine, 2015, 54, 1237-1241.	0.7	3
138	Influence of periostin-positive cell-specific Klf5 deletion on aortic thickening in DOCA-salt hypertensive mice. Hypertension Research, 2016, 39, 764-768.	2.7	3
139	Cell Cycle Perturbation Induces Collagen Production in Fibroblasts. International Heart Journal, 2019, 60, 958-963.	1.0	3
140	Development and Implementation of an Advanced Coronary Angiography and Intervention Database System. International Heart Journal, 2012, 53, 35-42.	1.0	3
141	Facilitation of beta-adrenoceptor-mediated slow channel responses by hypoxia in guinea pig ventricular myocardium. Journal of Electrocardiology, 1993, 26, 69-75.	0.9	2
142	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, 1429-1434.	1.7	2
143	Editorial: New Trends in Vascular Inflammation Research: From Biology to Therapy. Frontiers in Cardiovascular Medicine, 2019, 6, 102.	2.4	2
144	Murine Model of Pulmonary Artery Overflow Vasculopathy Revealed Macrophage Accumulation in the Lung. International Heart Journal, 2019, 60, 451-456.	1.0	2

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145	Immunometabolic control of homeostasis and inflammation. Inflammation and Regeneration, 2015, 35, 185-192.	3.7	2
146	Amitriptyline inhibits the G protein and K+ channel in the cloned thyroid cell line. European Journal of Pharmacology, 1996, 312, 115-119.	3.5	1
147	KLF5/BTEB2, a KrÃ¼ppel-like zinc-finger type transcription factor, mediates smooth muscle cell activation as well as cardiovascular remodeling. International Congress Series, 2004, 1262, 107-110.	0.2	1
148	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.	6.1	1
149	Influence of Extracellular H+ and Ca2+ on Ro 22-9194-Induced Block of Sodium Current in Cardiac Myocytes. General Pharmacology, 1997, 29, 557-560.	0.7	0
150	145: A synthetic retinoid, Am80, suppresses IL-6 expression, and inhibits both acute rejection and cardiac allograft vasculopathy in cardiac transplantation. Journal of Heart and Lung Transplantation, 2007, 26, S112.	0.6	0
151	Adipose tissue obesity is an inflammatory disease. Journal of Molecular and Cellular Cardiology, 2008, 45, S6.	1.9	0
152	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.	4.0	0
153	Chronic Inflammation in Cardiometabolic Syndrome. Journal of Cardiac Failure, 2011, 17, S128.	1.7	0
154	Immunometabolic Cell Communication in Heart Failure. Journal of Cardiac Failure, 2014, 20, S139.	1.7	0
155	NEXT GENERATION SEQUENCING AND EXPERIMENTAL MYOLOGY. Neuromuscular Disorders, 2018, 28, S144.	0.6	0
156	KLF5/BTEB2, a KrÃ¼ppel-like Transcription Factor, Regulates Smooth Muscle Phenotypic Modulation. Progress in Experimental Cardiology, 2003, , 417-423.	0.0	0
157	Endoplasmic reticulum stress signaling modulates smooth muscle phenotypes. FASEB Journal, 2008, 22, 744.2.	0.5	0
158	Drug Development and KrÃ¼ppel-like Factors. , 2009, , 245-252.		0
159	Obese adipose tissue remodeling, malfunctioning, and chronic inflammation visualized by in vivo molecular imaging. Inflammation and Regeneration, 2009, 29, 118-122.	3.7	0
160	Saturated fatty acid, palmitate, promotes smooth muscle phenotypic modulation and exacerbates neointima formation.. FASEB Journal, 2009, 23, 357.3.	0.5	0
161	Stromal Vascular Cells. , 2013, , 41-52.		0
162	IL-1 [alpha] induces thrombopoiesis through megakaryocyte rupture in response to acute platelet needs. Journal of Experimental Medicine, 2015, 212, 2125OIA27.	8.5	0

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163	4. NeuroImmuneMetabolic Control of Cardiac Homeostasis and Disease. Japanese Journal of Clinical Pharmacology and Therapeutics, 2020, 51, 177-180.	0.1	0
164	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.	0.0	0