

# Hiroshi Akazawa

## List of Publications by Citations

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158  
papers

8,493  
citations

45  
h-index

90  
g-index

181  
ext. papers

9,639  
ext. citations

6.3  
avg, IF

5.44  
L-index

#	Paper	IF	Citations
158	p53-induced inhibition of Hif-1 causes cardiac dysfunction during pressure overload. <i>Nature</i> , <b>2007</b> , 446, 444-8	50.4	696
157	Mechanical stress activates angiotensin II type 1 receptor without the involvement of angiotensin II. <i>Nature Cell Biology</i> , <b>2004</b> , 6, 499-506	23.4	534
156	Adult cardiac Sca-1-positive cells differentiate into beating cardiomyocytes. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 11384-91	5.4	502
155	G-CSF prevents cardiac remodeling after myocardial infarction by activating the Jak-Stat pathway in cardiomyocytes. <i>Nature Medicine</i> , <b>2005</b> , 11, 305-11	50.5	479
154	Developmental stage-specific biphasic roles of Wnt/beta-catenin signaling in cardiomyogenesis and hematopoiesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 19812-7	11.5	376
153	Roles of cardiac transcription factors in cardiac hypertrophy. <i>Circulation Research</i> , <b>2003</b> , 92, 1079-88	15.7	276
152	Cardiac side population cells have a potential to migrate and differentiate into cardiomyocytes in vitro and in vivo. <i>Journal of Cell Biology</i> , <b>2007</b> , 176, 329-41	7.3	269
151	Angiogenesis and cardiac hypertrophy: maintenance of cardiac function and causative roles in heart failure. <i>Circulation Research</i> , <b>2014</b> , 114, 565-71	15.7	264
150	Complement C1q activates canonical Wnt signaling and promotes aging-related phenotypes. <i>Cell</i> , <b>2012</b> , 149, 1298-313	56.2	200
149	Cytokine therapy prevents left ventricular remodeling and dysfunction after myocardial infarction through neovascularization. <i>FASEB Journal</i> , <b>2004</b> , 18, 851-3	0.9	174
148	Oxidative stress-induced signal transduction pathways in cardiac myocytes: involvement of ROS in heart diseases. <i>Antioxidants and Redox Signaling</i> , <b>2003</b> , 5, 789-94	8.4	167
147	Cardiac transcription factor Csx/Nkx2-5: Its role in cardiac development and diseases <b>2005</b> , 107, 252-68		161
146	Integrins play a critical role in mechanical stress-induced p38 MAPK activation. <i>Hypertension</i> , <b>2002</b> , 39, 233-8	8.5	161
145	Critical roles of muscle-secreted angiogenic factors in therapeutic neovascularization. <i>Circulation Research</i> , <b>2006</b> , 98, 1194-202	15.7	156
144	Excessive cardiac insulin signaling exacerbates systolic dysfunction induced by pressure overload in rodents. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 1506-14	15.9	153
143	Conformational switch of angiotensin II type 1 receptor underlying mechanical stress-induced activation. <i>EMBO Reports</i> , <b>2008</b> , 9, 179-86	6.5	145
142	Smads, TAK1, and their common target ATF-2 play a critical role in cardiomyocyte differentiation. <i>Journal of Cell Biology</i> , <b>2001</b> , 153, 687-98	7.3	125

141	Cardiac mast cells cause atrial fibrillation through PDGF-A-mediated fibrosis in pressure-overloaded mouse hearts. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 242-53	15.9	116
140	Dysbiosis and compositional alterations with aging in the gut microbiota of patients with heart failure. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174099	3.7	115
139	Reactive oxygen species in mechanical stress-induced cardiac hypertrophy. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 289, 901-7	3.4	110
138	Promotion of CHIP-mediated p53 degradation protects the heart from ischemic injury. <i>Circulation Research</i> , <b>2010</b> , 106, 1692-702	15.7	109
137	Cardiomyocytes fuse with surrounding noncardiomyocytes and reenter the cell cycle. <i>Journal of Cell Biology</i> , <b>2004</b> , 167, 351-63	7.3	107
136	Cardiac nonmyocytes in the hub of cardiac hypertrophy. <i>Circulation Research</i> , <b>2015</b> , 117, 89-98	15.7	102
135	Cardiomyocyte gene programs encoding morphological and functional signatures in cardiac hypertrophy and failure. <i>Nature Communications</i> , <b>2018</b> , 9, 4435	17.4	102
134	Phosphatidylinositol 3-kinase-Akt pathway plays a critical role in early cardiomyogenesis by regulating canonical Wnt signaling. <i>Circulation Research</i> , <b>2005</b> , 97, 144-51	15.7	96
133	Context-dependent transcriptional cooperation mediated by cardiac transcription factors Csx/Nkx-2.5 and GATA-4. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 8231-9	5.4	95
132	Leukemia inhibitory factor enhances survival of cardiomyocytes and induces regeneration of myocardium after myocardial infarction. <i>Circulation</i> , <b>2003</b> , 108, 748-53	16.7	92
131	Targeted disruption of the homeobox transcription factor Bapx1 results in lethal skeletal dysplasia with asplenia and gastroduodenal malformation. <i>Genes To Cells</i> , <b>2000</b> , 5, 499-513	2.3	87
130	Diphtheria toxin-induced autophagic cardiomyocyte death plays a pathogenic role in mouse model of heart failure. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 41095-103	5.4	76
129	Beating is necessary for transdifferentiation of skeletal muscle-derived cells into cardiomyocytes. <i>FASEB Journal</i> , <b>2003</b> , 17, 1361-3	0.9	73
128	Mitochondrial aldehyde dehydrogenase 2 plays protective roles in heart failure after myocardial infarction via suppression of the cytosolic JNK/p53 pathway in mice. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000779	6	71
127	Apoptosis in neural crest cells by functional loss of APC tumor suppressor gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 297-302	11.5	65
126	Heat shock transcription factor 1 protects cardiomyocytes from ischemia/reperfusion injury. <i>Circulation</i> , <b>2003</b> , 108, 3024-30	16.7	62
125	Molecular cloning and characterization of human cardiac homeobox gene CSX1. <i>Circulation Research</i> , <b>1996</b> , 79, 920-9	15.7	61
124	Csx/Nkx2-5 is required for homeostasis and survival of cardiac myocytes in the adult heart. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 24735-43	5.4	59

123	Pirfenidone exhibits cardioprotective effects by regulating myocardial fibrosis and vascular permeability in pressure-overloaded hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2015</b> , 309, H512-22	5.2	57
122	Ryanodine receptor type 2 is required for the development of pressure overload-induced cardiac hypertrophy. <i>Hypertension</i> , <b>2011</b> , 58, 1099-110	8.5	55
121	Hypercoagulable State in Patients with Takayasu's Arteritis. <i>Thrombosis and Haemostasis</i> , <b>1996</b> , 75, 712-716	7.6	53
120	Pleiotropic effects of cytokines on acute myocardial infarction: G-CSF as a novel therapy for acute myocardial infarction. <i>Current Pharmaceutical Design</i> , <b>2003</b> , 9, 1121-7	3.3	53
119	Population-specific and trans-ancestry genome-wide analyses identify distinct and shared genetic risk loci for coronary artery disease. <i>Nature Genetics</i> , <b>2020</b> , 52, 1169-1177	36.3	51
118	A novel LIM protein Cal promotes cardiac differentiation by association with CSX/NKX2-5. <i>Journal of Cell Biology</i> , <b>2004</b> , 164, 395-405	7.3	50
117	Activated Eatenin in Foxp3 regulatory T cells links inflammatory environments to autoimmunity. <i>Nature Immunology</i> , <b>2018</b> , 19, 1391-1402	19.1	48
116	PDK1 coordinates survival pathways and beta-adrenergic response in the heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 8689-94	11.5	47
115	Deficiency of Myo18B in mice results in embryonic lethality with cardiac myofibrillar aberrations. <i>Genes To Cells</i> , <b>2008</b> , 13, 987-99	2.3	46
114	DNA single-strand break-induced DNA damage response causes heart failure. <i>Nature Communications</i> , <b>2017</b> , 8, 15104	17.4	45
113	A novel mechanism of mechanical stress-induced angiotensin II type 1-receptor activation without the involvement of angiotensin II. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2008</b> , 377, 393-9	3.4	45
112	Functional analyses of three Csx/Nkx-2.5 mutations that cause human congenital heart disease. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 35291-6	5.4	45
111	Complement C1q-induced activation of Eatenin signalling causes hypertensive arterial remodelling. <i>Nature Communications</i> , <b>2015</b> , 6, 6241	17.4	40
110	Excitation propagation in three-dimensional engineered hearts using decellularized extracellular matrix. <i>Biomaterials</i> , <b>2014</b> , 35, 7839-50	15.6	38
109	Pathophysiology and Management of Cardiovascular Manifestations in Marfan and Loeys-Dietz Syndromes. <i>International Heart Journal</i> , <b>2016</b> , 57, 271-7	1.8	38
108	A DPP-4 inhibitor suppresses fibrosis and inflammation on experimental autoimmune myocarditis in mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119360	3.7	37
107	Pleiotropic Effects of Angiotensin II Receptor Signaling in Cardiovascular Homeostasis and Aging. <i>International Heart Journal</i> , <b>2015</b> , 56, 249-54	1.8	35
106	Continuous blockade of L-type Ca <sup>2+</sup> channels suppresses activation of calcineurin and development of cardiac hypertrophy in spontaneously hypertensive rats. <i>Hypertension Research</i> , <b>2002</b> , 25, 117-24	4.7	34

105	Role of Na <sup>+</sup> -Ca <sup>2+</sup> exchanger in myocardial ischemia/reperfusion injury: evaluation using a heterozygous Na <sup>+</sup> -Ca <sup>2+</sup> exchanger knockout mouse model. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 314, 849-53	3.4	33
104	Angiotensin II type 1 and type 2 receptor-induced cell signaling. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 2988-95	3.3	33
103	Current therapies and investigational drugs for peripheral arterial disease. <i>Hypertension Research</i> , <b>2016</b> , 39, 183-91	4.7	32
102	Calpain-dependent cleavage of N-cadherin is involved in the progression of post-myocardial infarction remodeling. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 19408-19	5.4	32
101	Stretch-modulation of second messengers: effects on cardiomyocyte ion transport. <i>Progress in Biophysics and Molecular Biology</i> , <b>2003</b> , 82, 57-66	4.7	32
100	Notch activation mediates angiotensin II-induced vascular remodeling by promoting the proliferation and migration of vascular smooth muscle cells. <i>Hypertension Research</i> , <b>2013</b> , 36, 859-65	4.7	30
99	Novel Concept of a Heart-Gut Axis in the Pathophysiology of Heart Failure. <i>Korean Circulation Journal</i> , <b>2017</b> , 47, 663-669	2.2	30
98	Angiotensin II receptor blockade promotes repair of skeletal muscle through down-regulation of aging-promoting C1q expression. <i>Scientific Reports</i> , <b>2015</b> , 5, 14453	4.9	30
97	Valsartan, independently of AT1 receptor or PPAR $\gamma$ suppresses LPS-induced macrophage activation and improves insulin resistance in cocultured adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E286-96	6	28
96	Impact of Pathogenic Variant Types on the Progression of Aortic Disease in Patients With Marfan Syndrome. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e002058	5.2	27
95	Multivalent ligand-receptor interactions elicit inverse agonist activity of AT(1) receptor blockers against stretch-induced AT(1) receptor activation. <i>Hypertension Research</i> , <b>2009</b> , 32, 875-83	4.7	27
94	Sodium calcium exchanger plays a key role in alteration of cardiac function in response to pressure overload. <i>FASEB Journal</i> , <b>2002</b> , 16, 373-8	0.9	27
93	Agonist-independent constitutive activity of angiotensin II receptor promotes cardiac remodeling in mice. <i>Hypertension</i> , <b>2012</b> , 59, 627-33	8.5	25
92	Wnt/ $\beta$ Catenin Signaling Contributes to Skeletal Myopathy in Heart Failure via Direct Interaction With Forkhead Box O. <i>Circulation: Heart Failure</i> , <b>2015</b> , 8, 799-808	7.6	24
91	ARB and cardioprotection. <i>Cardiovascular Drugs and Therapy</i> , <b>2013</b> , 27, 155-60	3.9	24
90	Mechanisms and functions of agonist-independent activation in the angiotensin II type 1 receptor. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 302, 140-7	4.4	24
89	Infertility with defective spermiogenesis in mice lacking AF5q31, the target of chromosomal translocation in human infant leukemia. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 6834-45	4.8	24
88	Dual effects of the homeobox transcription factor Csx/Nkx2-5 on cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 298, 493-500	3.4	23

87	Angiotensin II type 1 receptor signaling regulates feeding behavior through anorexigenic corticotropin-releasing hormone in hypothalamus. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 21458-65	5.4	22
86	Activation of endothelial Eatenin signaling induces heart failure. <i>Scientific Reports</i> , <b>2016</b> , 6, 25009	4.9	22
85	Discovery of a Small Molecule to Increase Cardiomyocytes and Protect the Heart After Ischemic Injury. <i>JACC Basic To Translational Science</i> , <b>2018</b> , 3, 639-653	8.7	22
84	Angiotensin II Peptide Vaccine Protects Ischemic Brain Through Reducing Oxidative Stress. <i>Stroke</i> , <b>2017</b> , 48, 1362-1368	6.7	21
83	Porphyromonas gingivalis, a periodontal pathogen, enhances myocardial vulnerability, thereby promoting post-infarct cardiac rupture. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 99, 123-137	5.8	21
82	An EP4 Receptor Agonist Inhibits Cardiac Fibrosis Through Activation of PKA Signaling in Hypertrophied Heart. <i>International Heart Journal</i> , <b>2017</b> , 58, 107-114	1.8	20
81	Molecular and cellular mechanisms of mechanical stress-induced cardiac hypertrophy. <i>Endocrine Journal</i> , <b>2002</b> , 49, 1-13	2.9	20
80	Plasma endothelin-1 levels in Takayasu's arteritis. <i>Cardiology</i> , <b>1996</b> , 87, 303-5	1.6	20
79	A peptide vaccine targeting angiotensin II attenuates the cardiac dysfunction induced by myocardial infarction. <i>Scientific Reports</i> , <b>2017</b> , 7, 43920	4.9	19
78	Monocyte-derived extracellular Nampt-dependent biosynthesis of NAD(+) protects the heart against pressure overload. <i>Scientific Reports</i> , <b>2015</b> , 5, 15857	4.9	19
77	Specific heart muscle disease associated with glycogen storage disease type III: clinical similarity to the dilated phase of hypertrophic cardiomyopathy. <i>European Heart Journal</i> , <b>1997</b> , 18, 532-3	9.5	19
76	High incidence of periodontitis in Japanese patients with abdominal aortic aneurysm. <i>International Heart Journal</i> , <b>2014</b> , 55, 268-70	1.8	18
75	Angiotensin II type 1a receptor signals are involved in the progression of heart failure in MLP-deficient mice. <i>Circulation Journal</i> , <b>2007</b> , 71, 1958-64	2.9	18
74	High-throughput single-molecule RNA imaging analysis reveals heterogeneous responses of cardiomyocytes to hemodynamic overload. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 128, 77-89	5.8	18
73	Inhibitory molecules in signal transduction pathways of cardiac hypertrophy. <i>Hypertension Research</i> , <b>2002</b> , 25, 491-8	4.7	17
72	Identification of a novel compound that inhibits both mitochondria-mediated necrosis and apoptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 467, 1006-11	3.4	16
71	Novel regulation of cardiac metabolism and homeostasis by the adrenomedullin-receptor activity-modifying protein 2 system. <i>Hypertension</i> , <b>2013</b> , 61, 341-51	8.5	16
70	Cost-Effectiveness Analysis of Cardiovascular Disease Treatment in Japan. <i>International Heart Journal</i> , <b>2017</b> , 58, 847-852	1.8	16

69	Periodontitis in cardiovascular disease patients with or without Marfan syndrome--a possible role of <i>Prevotella intermedia</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e95521	3.7	15
68	Periodontitis deteriorates peripheral arterial disease in Japanese population via enhanced systemic inflammation. <i>Heart and Vessels</i> , <b>2017</b> , 32, 1314-1319	2.1	14
67	Mechanisms of Cardiovascular Homeostasis and Pathophysiology--From Gene Expression, Signal Transduction to Cellular Communication. <i>Circulation Journal</i> , <b>2015</b> , 79, 2529-36	2.9	14
66	Incidence of periodontitis in Japanese patients with cardiovascular diseases: a comparison between abdominal aortic aneurysm and arrhythmia. <i>Heart and Vessels</i> , <b>2015</b> , 30, 498-502	2.1	13
65	Angiotensin II receptor blocker irbesartan attenuates cardiac dysfunction induced by myocardial infarction in the presence of renal failure. <i>Hypertension Research</i> , <b>2016</b> , 39, 237-44	4.7	13
64	Myocardial energy provision is preserved by increased utilization of glucose and ketone bodies in CD36 knockout mice. <i>Metabolism: Clinical and Experimental</i> , <b>2015</b> , 64, 1165-74	12.7	12
63	A crucial role of activin A-mediated growth hormone suppression in mouse and human heart failure. <i>PLoS ONE</i> , <b>2011</b> , 6, e27901	3.7	12
62	Direct measurement of Ca <sup>2+</sup> concentration in the SR of living cardiac myocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 314, 1014-20	3.4	12
61	Leukemia Inhibitory Factor Enhances Endogenous Cardiomyocyte Regeneration after Myocardial Infarction. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156562	3.7	12
60	High incidence and severity of periodontitis in patients with Marfan syndrome in Japan. <i>Heart and Vessels</i> , <b>2015</b> , 30, 692-5	2.1	11
59	Distinct variants affecting differential splicing of TGFBR1 exon 5 cause either Loews-Dietz syndrome or multiple self-healing squamous epithelioma. <i>European Journal of Human Genetics</i> , <b>2018</b> , 26, 1151-1158	5.3	10
58	High incidence of <i>Aggregatibacter actinomycetemcomitans</i> infection in patients with cerebral infarction and diabetic renal failure: a cross-sectional study. <i>BMC Infectious Diseases</i> , <b>2013</b> , 13, 557	4	10
57	Coronary aneurysm reduced after coronary stenting. <i>International Journal of Cardiology</i> , <b>2007</b> , 121, 76-73,2	3.2	10
56	Specific periodontopathic bacterial infection affects hypertension in male cardiovascular disease patients. <i>Heart and Vessels</i> , <b>2018</b> , 33, 198-204	2.1	10
55	Transethnic Meta-Analysis of Genome-Wide Association Studies Identifies Three New Loci and Characterizes Population-Specific Differences for Coronary Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e002670	5.2	9
54	Roles of renin-angiotensin system and Wnt pathway in aging-related phenotypes. <i>Inflammation and Regeneration</i> , <b>2016</b> , 36, 12	10.9	9
53	Understanding Vascular Diseases: Lessons From Premature Aging Syndromes. <i>Canadian Journal of Cardiology</i> , <b>2016</b> , 32, 650-8	3.8	9
52	A Fatal Case of Myocarditis Following Myositis Induced by Pembrolizumab Treatment for Metastatic Upper Urinary Tract Urothelial Carcinoma. <i>International Heart Journal</i> , <b>2020</b> , 61, 1070-1074	1.8	9

51	A Periodontal pathogen Porphyromonas gingivalis deteriorates Isoproterenol-Induced myocardial remodeling in mice. <i>Hypertension Research</i> , <b>2017</b> , 40, 35-40	4.7	8
50	Quantitative Measurement of GPCR Endocytosis via Pulse-Chase Covalent Labeling. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129394	3.7	8
49	Diagnosing Heart Failure from Chest X-Ray Images Using Deep Learning. <i>International Heart Journal</i> , <b>2020</b> , 61, 781-786	1.8	8
48	Japanese Cardiovascular Disease Patients with Diabetes Mellitus Suffer Increased Tooth Loss in Comparison to Those without Diabetes Mellitus -A Cross-sectional Study. <i>Internal Medicine</i> , <b>2018</b> , 57, 777-782	1.1	7
47	Periodontitis and myocardial hypertrophy. <i>Hypertension Research</i> , <b>2017</b> , 40, 324-328	4.7	7
46	Detrimental effects of specific Periodontopathic bacterial infection on tachyarrhythmia compared to Bradyarrhythmia. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 267	2.3	6
45	Cacao polyphenols ameliorate autoimmune myocarditis in mice. <i>Hypertension Research</i> , <b>2016</b> , 39, 203-9	4.7	6
44	Cardiac Sarcoidosis Diagnosed by Incidental Lymph Node Biopsy. <i>International Heart Journal</i> , <b>2017</b> , 58, 140-143	1.8	6
43	The dawning of the digital era in the management of hypertension. <i>Hypertension Research</i> , <b>2020</b> , 43, 1135-1140	4.7	6
42	Pressure Overload Impairs Cardiac Function in Long-Chain Fatty Acid Transporter CD36-Knockout Mice. <i>International Heart Journal</i> , <b>2019</b> , 60, 159-167	1.8	6
41	Mechanisms and Management of Immune Checkpoint Inhibitor-Related Cardiac Adverse Events. <i>JMA Journal</i> , <b>2021</b> , 4, 91-98	1	6
40	Monitoring $\beta$ arrestin recruitment via $\beta$ lactamase enzyme fragment complementation: purification of peptide E as a low-affinity ligand for mammalian bombesin receptors. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127445	3.7	5
39	Right ventricular dysplasia with complete atrioventricular block: necessity and limitation of left ventricular epicardial pacing. <i>Clinical Cardiology</i> , <b>1998</b> , 21, 604-6	3.3	5
38	Abdominal aortic pseudoaneurysm caused by prolonged methicillin-resistant Staphylococcus aureus sepsis. <i>International Journal of Cardiology</i> , <b>2008</b> , 128, 294-5	3.2	5
37	Periodontitis May Deteriorate Sinus of Valsalva Dilatation in Marfan Syndrome Patients. <i>International Heart Journal</i> , <b>2016</b> , 57, 456-60	1.8	5
36	Ca <sup>2+</sup> -Dependent Signaling Pathways Through Calcineurin and Ca <sup>2+</sup> Calmodulin-Dependent Protein Kinase in Development of Cardiac Hypertrophy. <i>Progress in Experimental Cardiology</i> , <b>2003</b> , 85-94		5
35	Multiple saccular aneurysm formation in a patient with bilateral coronary artery fistula: a case report and review of the literature. <i>Cardiology</i> , <b>1995</b> , 86, 174-6	1.6	4
34	Cancer Therapeutics-Related Cardiac Dysfunction - Insights From Bench and Bedside of Onco-Cardiology. <i>Circulation Journal</i> , <b>2020</b> , 84, 1446-1453	2.9	4



33	Suppression of murine autoimmune myocarditis achieved with direct renin inhibition. <i>Journal of Cardiology</i> , <b>2016</b> , 68, 253-60	3	4
32	Assessment of inverse agonism for the angiotensin II type 1 receptor. <i>Methods in Enzymology</i> , <b>2010</b> , 485, 25-35	1.7	3
31	Navigational error in the heart leads to premature ventricular excitation. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 513-6	15.9	3
30	Deep Learning Algorithm to Detect Cardiac Sarcoidosis From Echocardiographic Movies. <i>Circulation Journal</i> , <b>2021</b> ,	2.9	3
29	A Case of Multiple Coronary Artery-Left Ventricular Micro Fistulae Complicated With Hepatic Arteriovenous Fistulae. <i>International Heart Journal</i> , <b>2016</b> , 57, 123-6	1.8	3
28	Automatic detection of vessel structure by deep learning using intravascular ultrasound images of the coronary arteries. <i>PLoS ONE</i> , <b>2021</b> , 16, e0255577	3.7	3
27	Toll-like receptor 4 signaling has a critical role in Porphyromonas gingivalis-accelerated neointimal formation after arterial injury in mice. <i>Hypertension Research</i> , <b>2016</b> , 39, 717-722	4.7	2
26	Direct left atrial ICE imaging guided ablation for atrial fibrillation without employing contrast medium. <i>International Journal of Cardiology</i> , <b>2016</b> , 203, 733-9	3.2	2
25	Correct Diagnosis of Wild-Type Transthyretin-Related Amyloidosis Followed by the Introduction of a Novel Therapy in a Patient With Cardiac Wall Thickening of Unknown Cause. <i>International Heart Journal</i> , <b>2017</b> , 58, 147-150	1.8	2
24	Congenital Contractural Arachnodactyly without FBN1 or FBN2 Gene Mutations Complicated by Dilated Cardiomyopathy. <i>Internal Medicine</i> , <b>2015</b> , 54, 1237-41	1.1	2
23	Detection of Profound Myocardial Damage by Cardiac MRI in a Patient with Severe Cardiotoxicity Induced by Anti-HER2 Therapy. <i>International Heart Journal</i> , <b>2021</b> , 62, 1436-1441	1.8	2
22	The Effectiveness of a Deep Learning Model to Detect Left Ventricular Systolic Dysfunction from Electrocardiograms. <i>International Heart Journal</i> , <b>2021</b> , 62, 1332-1341	1.8	2
21	Mechanical Stress Induces Cardiomyocyte Hypertrophy Through Agonist-Independent Activation of Angiotensin II Type 1 Receptor <b>2010</b> , 83-95		2
20	The JAPAN-FORTA (Fit FOR The Aged) list: Consensus validation of a clinical tool to improve drug therapy in older adults. <i>Archives of Gerontology and Geriatrics</i> , <b>2020</b> , 91, 104217	4	2
19	Axitinib Induces and Aggravates Hypertension Regardless of Prior Treatment With Tyrosine Kinase Inhibitors. <i>Circulation Reports</i> , <b>2021</b> , 3, 234-240	0.7	2
18	Heart Failure Complicated by Alveolar Hemorrhage due to Vascular Collapse and Amyloid Deposits in Wild-Type Transthyretin Amyloidosis. <i>Cardiology</i> , <b>2016</b> , 135, 216-220	1.6	2
17	Coronary Artery Aneurysm Caused by a Stent Fracture. <i>International Heart Journal</i> , <b>2018</b> , 59, 203-208	1.8	2
16	A Novel Bioabsorbable Sheet That Delivers NF- $\kappa$ B Decoy Oligonucleotide Restrains Abdominal Aortic Aneurysm Development in Rats. <i>International Heart Journal</i> , <b>2018</b> , 59, 1134-1141	1.8	1

15	Takayasu arteritis evaluated by multi-slice computed tomography in an old man. <i>International Journal of Cardiology</i> , <b>2008</b> , 125, 286-7	3.2	1
14	Inhibition of transforming growth factor- $\beta$ signaling in myeloid cells ameliorates aortic aneurysmal formation in Marfan syndrome. <i>PLoS ONE</i> , <b>2020</b> , 15, e0239908	3.7	1
13	Prospects for cardiovascular medicine using artificial intelligence. <i>Journal of Cardiology</i> , <b>2021</b> ,	3	1
12	OCT-Based Management of Nilotinib-Associated CAD in a Patient With Chronic Myeloid Leukemia. <i>JACC: CardioOncology</i> , <b>2019</b> , 1, 318-321	3.8	1
11	Oxidized LDL but not angiotensin II induces cardiomyocyte hypertrophic responses through the interaction between LOX-1 and AT receptors. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 162, 110-118	5.8	1
10	Three-Dimensional Visualization of Hypoxia-Induced Pulmonary Vascular Remodeling in Mice. <i>Circulation</i> , <b>2021</b> , 144, 1452-1455	16.7	0
9	Factors associated with left ventricular reverse remodelling after percutaneous coronary intervention in patients with left ventricular systolic dysfunction. <i>Scientific Reports</i> , <b>2021</b> , 11, 239	4.9	0
8	Nonsyndromic arteriopathy and aortopathy and vascular Ehlers-Danlos syndrome causing COL3A1 variants.. <i>American Journal of Medical Genetics, Part A</i> , <b>2022</b> ,	2.5	0
7	Cardiac Arrest Triggered by Subepicardial Aneurysm Without Cardiac Rupture. <i>Circulation Journal</i> , <b>2016</b> , 80, 538-40	2.9	
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