

# Amir Lerman

## List of Publications by Year in descending order

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389  
papers

29,267  
citations

9756

73  
h-index

6113

159  
g-index

397  
all docs

397  
docs citations

397  
times ranked

27582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 168-175.	1.1	1,939
2	Long-Term Follow-Up of Patients With Mild Coronary Artery Disease and Endothelial Dysfunction. <i>Circulation</i> , 2000, 101, 948-954.	1.6	1,898
3	Endothelial Function. <i>Circulation</i> , 2005, 111, 363-368.	1.6	994
4	The Assessment of Endothelial Function. <i>Circulation</i> , 2012, 126, 753-767.	1.6	952
5	Circulating and Tissue Endothelin Immunoreactivity in Advanced Atherosclerosis. <i>New England Journal of Medicine</i> , 1991, 325, 997-1001.	13.9	930
6	Noninvasive identification of patients with early coronary atherosclerosis by assessment of digital reactive hyperemia. <i>Journal of the American College of Cardiology</i> , 2004, 44, 2137-2141.	1.2	855
7	Clinical Features, Management, and Prognosis of Spontaneous Coronary Artery Dissection. <i>Circulation</i> , 2012, 126, 579-588.	1.6	738
8	The Mediterranean Diet, its Components, and Cardiovascular Disease. <i>American Journal of Medicine</i> , 2015, 128, 229-238.	0.6	629
9	Global Cardiovascular Reserve Dysfunction in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2010, 56, 845-854.	1.2	606
10	Assessment of endothelial function by non-invasive peripheral arterial tonometry predicts late cardiovascular adverse events. <i>European Heart Journal</i> , 2010, 31, 1142-1148.	1.0	605
11	Contemporary Diagnosis and Management of Patients With Myocardial Infarction in the Absence of Obstructive Coronary Artery Disease: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2019, 139, e891-e908.	1.6	519
12	Spontaneous Coronary Artery Dissection. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 777-786.	1.4	488
13	Long-term L-Arginine Supplementation Improves Small-Vessel Coronary Endothelial Function in Humans. <i>Circulation</i> , 1998, 97, 2123-2128.	1.6	401
14	Prognostic Value of Flow-Mediated Vasodilation in Brachial Artery and Fingertip Artery for Cardiovascular Events: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	391
15	Enhanced external counterpulsation improves endothelial function in patients with symptomatic coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2003, 41, 1761-1768.	1.2	363
16	Prevalence of Coronary Microvascular Dysfunction Among Patients With Chest Pain and Nonobstructive Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1445-1453.	1.1	356
17	Coronary Endothelial Dysfunction in Humans Is Associated With Myocardial Perfusion Defects. <i>Circulation</i> , 1997, 96, 3390-3395.	1.6	317
18	Evaluation and Management of Patients With Heart Disease and Cancer: Cardio-Oncology. <i>Mayo Clinic Proceedings</i> , 2014, 89, 1287-1306.	1.4	315

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19	Coronary microvascular obstruction in acute myocardial infarction. <i>European Heart Journal</i> , 2016, 37, 1024-1033.	1.0	313
20	Endothelin in Coronary Endothelial Dysfunction and Early Atherosclerosis in Humans. <i>Circulation</i> , 1995, 92, 2426-2431.	1.6	302
21	Digital Health Interventions for the Prevention of Cardiovascular Disease: A Systematic Review and Meta-analysis. <i>Mayo Clinic Proceedings</i> , 2015, 90, 469-480.	1.4	293
22	Coronary Endothelial Dysfunction Is Associated With an Increased Risk of Cerebrovascular Events. <i>Circulation</i> , 2003, 107, 2805-2809.	1.6	262
23	Contemporary carotid imaging: from degree of stenosis to plaque vulnerability. <i>Journal of Neurosurgery</i> , 2016, 124, 27-42.	0.9	260
24	Effect of Genotype-Guided Oral P2Y12 Inhibitor Selection vs Conventional Clopidogrel Therapy on Ischemic Outcomes After Percutaneous Coronary Intervention. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 761.	3.8	257
25	Tissue characterisation using intravascular radiofrequency data analysis: recommendations for acquisition, analysis, interpretation and reporting. <i>EuroIntervention</i> , 2009, 5, 177-189.	1.4	252
26	Endothelial dysfunction over the course of coronary artery disease. <i>European Heart Journal</i> , 2013, 34, 3175-3181.	1.0	251
27	Coronary Artery Tortuosity in Spontaneous Coronary Artery Dissection. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 656-662.	1.4	246
28	Distinct Renal Injury in Early Atherosclerosis and Renovascular Disease. <i>Circulation</i> , 2002, 106, 1165-1171.	1.6	235
29	Glycolytic Stimulation Is Not a Requirement for M2 Macrophage Differentiation. <i>Cell Metabolism</i> , 2018, 28, 463-475.e4.	7.2	230
30	Adipose Tissue-Derived Mesenchymal Stem Cells Improve Revascularization Outcomes to Restore Renal Function in Swine Atherosclerotic Renal Artery Stenosis. <i>Stem Cells</i> , 2012, 30, 1030-1041.	1.4	215
31	Endothelial dysfunction and cardiovascular disease. <i>Global Cardiology Science &amp; Practice</i> , 2014, 2014, 43.	0.3	199
32	Coronary microvascular dysfunction in the clinical setting: from mystery to reality. <i>European Heart Journal</i> , 2012, 33, 2771-2783.	1.0	191
33	Endothelial dysfunction and coronary artery disease. <i>Coronary Artery Disease</i> , 2014, 25, 713-724.	0.3	184
34	Attenuated coronary flow reserve and vascular remodeling in patients with hypertension and left ventricular hypertrophy. <i>Journal of the American College of Cardiology</i> , 2000, 35, 1654-1660.	1.2	177
35	Safety of Coronary Reactivity Testing in Women With No Obstructive Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 646-653.	1.1	177
36	Prospective Assessment of the Diagnostic Accuracy of Instantaneous Wave-Free Ratio to Assess Coronary Stenosis Relevance. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 824-833.	1.1	172

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37	Autologous Culture-Modified Mononuclear Cells Confer Vascular Protection After Arterial Injury. <i>Circulation</i> , 2003, 108, 1520-1526.	1.6	168
38	Conversion to Sirolimus as Primary Immunosuppression Attenuates the Progression of Allograft Vasculopathy After Cardiac Transplantation. <i>Circulation</i> , 2007, 116, 2726-2733.	1.6	162
39	Acute Myocardial Infarction in Young Individuals. <i>Mayo Clinic Proceedings</i> , 2020, 95, 136-156.	1.4	161
40	Cardiorheumatology: cardiac involvement in systemic rheumatic disease. <i>Nature Reviews Cardiology</i> , 2015, 12, 168-176.	6.1	158
41	Enhanced Expression of Lp-PLA <sub>2</sub> and Lysophosphatidylcholine in Symptomatic Carotid Atherosclerotic Plaques. <i>Stroke</i> , 2008, 39, 1448-1455.	1.0	156
42	Osteocalcin Expression by Circulating Endothelial Progenitor Cells in Patients With Coronary Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2008, 52, 1314-1325.	1.2	155
43	Humanin is expressed in human vascular walls and has a cytoprotective effect against oxidized LDL-induced oxidative stress. <i>Cardiovascular Research</i> , 2010, 88, 360-366.	1.8	148
44	Microcirculatory dysfunction in ST-elevation myocardial infarction: cause, consequence, or both?. <i>European Heart Journal</i> , 2007, 28, 788-797.	1.0	146
45	Cortical Microvascular Remodeling in the Stenotic Kidney. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1854-1859.	1.1	141
46	Acute Cellular Rejection and the Subsequent Development of Allograft Vasculopathy After Cardiac Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 320-327.	0.3	141
47	Clopidogrel Pharmacogenetics. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007811.	1.4	139
48	Endothelial Function and Vascular Response to Mental Stress Are Impaired in Patients With Apical Ballooning Syndrome. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1840-1846.	1.2	137
49	Trends in Characteristics and Outcomes of Hospital Inpatients Undergoing Coronary Revascularization in the United States, 2003-2016. <i>JAMA Network Open</i> , 2020, 3, e1921326.	2.8	136
50	Bioprinting a cardiac valve. <i>Biotechnology Advances</i> , 2015, 33, 1503-1521.	6.0	134
51	Long-Term Administration of Endothelin Receptor Antagonist Improves Coronary Endothelial Function in Patients With Early Atherosclerosis. <i>Circulation</i> , 2010, 122, 958-966.	1.6	133
52	Mesenchymal Stem Cells and Endothelial Progenitor Cells Decrease Renal Injury in Experimental Swine Renal Artery Stenosis Through Different Mechanisms. <i>Stem Cells</i> , 2013, 31, 117-125.	1.4	133
53	Artificial Intelligence in Cardiology: Present and Future. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1015-1039.	1.4	127
54	Association Between Work-Related Stress and Coronary Heart Disease: A Review of Prospective Studies Through the Job Strain, Effort-Reward Balance, and Organizational Justice Models. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	125

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55	Abnormal Coronary Flow Velocity Reserve After Coronary Intervention Is Associated With Cardiac Marker Elevation. <i>Circulation</i> , 2001, 103, 2339-2345.	1.6	123
56	Digital health intervention during cardiac rehabilitation: A randomized controlled trial. <i>American Heart Journal</i> , 2017, 188, 65-72.	1.2	123
57	Effects of statins on coronary and peripheral endothelial function in humans: a systematic review and meta-analysis of randomized controlled trials. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2011, 18, 704-716.	3.1	110
58	Antiphospholipid Syndrome. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2317-2330.	1.2	109
59	Local Low Shear Stress and Endothelial Dysfunction in Patients With Nonobstructive Coronary Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2092-2102.	1.2	106
60	Sirolimus as Primary Immunosuppression Attenuates Allograft Vasculopathy With Improved Late Survival and Decreased Cardiac Events After Cardiac Transplantation. <i>Circulation</i> , 2012, 125, 708-720.	1.6	105
61	Vulnerable plaques and patients: state-of-the-art. <i>European Heart Journal</i> , 2020, 41, 2997-3004.	1.0	98
62	Endothelium-dependent and independent coronary microvascular dysfunction in patients with heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2020, 22, 432-441.	2.9	92
63	Effect of CYP2C19 Genotype on Ischemic Outcomes During Oral P2Y12 Inhibitor Therapy. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 739-750.	1.1	90
64	Inflammatory and injury signals released from the post-stenotic human kidney. <i>European Heart Journal</i> , 2013, 34, 540-548.	1.0	88
65	Early Natural History of Spontaneous Coronary Artery Dissection. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006772.	1.4	83
66	Impaired coronary microvascular reactivity in women with apical ballooning syndrome (Takotsubo/stress cardiomyopathy). <i>European Heart Journal: Acute Cardiovascular Care</i> , 2013, 2, 147-152.	0.4	82
67	Long-Term Sirolimus for Primary Immunosuppression in Heart Transplant Recipients. <i>Journal of the American College of Cardiology</i> , 2018, 71, 636-650.	1.2	81
68	Coronary endothelial dysfunction in patients with early coronary artery disease is associated with the increase in intravascular lipid core. <i>European Heart Journal</i> , 2013, 34, 2047-2054.	1.0	80
69	Myocardial bridging is associated with alteration in coronary vasoreactivity. <i>European Heart Journal</i> , 2004, 25, 2134-2142.	1.0	78
70	Lack of Correlation Between Noninvasive Stress Tests and Invasive Coronary Vasomotor Dysfunction in Patients With Nonobstructive Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2009, 2, 237-244.	1.4	78
71	Coronary Endothelial Dysfunction Is Associated With Inflammation and Vasa Vasorum Proliferation in Patients With Early Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2473-2477.	1.1	78
72	Persistent kidney dysfunction in swine renal artery stenosis correlates with outer cortical microvascular remodeling. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, F1394-F1401.	1.3	77

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73	Incidence, Trends, and Outcomes of Type 2 Myocardial Infarction in a Community Cohort. <i>Circulation</i> , 2020, 141, 454-463.	1.6	77
74	Segmental Heterogeneity of Vasa Vasorum Neovascularization in Human Coronary Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 32-40.	2.3	76
75	Digital Health Intervention as an Adjunct to Cardiac Rehabilitation Reduces Cardiovascular Risk Factors and Rehospitalizations. <i>Journal of Cardiovascular Translational Research</i> , 2015, 8, 283-292.	1.1	76
76	Uric Acid Is Associated With Inflammation, Coronary Microvascular Dysfunction, and Adverse Outcomes in Postmenopausal Women. <i>Hypertension</i> , 2017, 69, 236-242.	1.3	76
77	Coronary microcirculatory vasodilator function in relation to risk factors among patients without obstructive coronary disease and low to intermediate Framingham score. <i>European Heart Journal</i> , 2010, 31, 936-942.	1.0	75
78	Mesenchymal Stem Cell-Derived Extracellular Vesicles Improve the Renal Microvasculature in Metabolic Renovascular Disease in Swine. <i>Cell Transplantation</i> , 2018, 27, 1080-1095.	1.2	75
79	Prevalence of Coronary Blood Flow Reserve Abnormalities Among Patients With Nonobstructive Coronary Artery Disease and Chest Pain. <i>Mayo Clinic Proceedings</i> , 1998, 73, 1133-1140.	1.4	74
80	Assessment and pathophysiology of microvascular disease: recent progress and clinical implications. <i>European Heart Journal</i> , 2021, 42, 2590-2604.	1.0	74
81	Cardiogenic Shock in Takotsubo Cardiomyopathy Versus Acute Myocardial Infarction. <i>JACC: Heart Failure</i> , 2019, 7, 469-476.	1.9	72
82	The endothelium: Dysfunction and beyond. <i>Journal of Nuclear Cardiology</i> , 2001, 8, 197-206.	1.4	71
83	Osteocalcin positive CD133+/CD34-/KDR+ progenitor cells as an independent marker for unstable atherosclerosis. <i>European Heart Journal</i> , 2012, 33, 2963-2969.	1.0	71
84	Takotsubo syndrome: State-of-the-art review by an expert panel – Part 1. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 70-79.	0.3	71
85	Antioxidant Intervention Prevents Renal Neovascularization in Hypercholesterolemic Pigs. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 1816-1825.	3.0	70
86	Coronary artery disease is associated with an altered gut microbiome composition. <i>PLoS ONE</i> , 2020, 15, e0227147.	1.1	70
87	Coronary endothelial dysfunction in humans is associated with coronary retention of osteogenic endothelial progenitor cells. <i>European Heart Journal</i> , 2010, 31, 2909-2914.	1.0	69
88	Urinary Mitochondrial DNA Copy Number Identifies Chronic Renal Injury in Hypertensive Patients. <i>Hypertension</i> , 2016, 68, 401-410.	1.3	69
89	Association of Angiotensin-Converting Enzyme Inhibitors and Serum Lipids With Plaque Regression in Cardiac Allograft Vasculopathy. <i>Transplantation</i> , 2006, 82, 1108-1111.	0.5	66
90	Altered Myocardial Microvascular 3D Architecture in Experimental Hypercholesterolemia. <i>Circulation</i> , 2000, 102, 2028-2030.	1.6	64

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91	Oxidation-Sensitive Transcription Factors and Molecular Mechanisms in the Arterial Wall. Antioxidants and Redox Signaling, 2001, 3, 1119-1130.	2.5	64
92	Enhanced renal cortical vascularization in experimental hypercholesterolemia. Kidney International, 2002, 61, 1056-1063.	2.6	64
93	Role of Circulating Osteogenic Progenitor Cells in Calcific Aortic Stenosis. Journal of the American College of Cardiology, 2012, 60, 1945-1953.	1.2	64
94	Long-term endothelin receptor antagonism attenuates coronary plaque progression in patients with early atherosclerosis. International Journal of Cardiology, 2013, 168, 1316-1321.	0.8	63
95	Natural history and predictors of mortality of patients with Takotsubo syndrome. International Journal of Cardiology, 2018, 267, 22-27.	0.8	62
96	Prevention of vasa vasorum neovascularization attenuates early neointima formation in experimental hypercholesterolemia. Basic Research in Cardiology, 2009, 104, 695-706.	2.5	61
97	Polyphenol-rich cranberry juice has a neutral effect on endothelial function but decreases the fraction of osteocalcin-expressing endothelial progenitor cells. European Journal of Nutrition, 2013, 52, 289-296.	1.8	61
98	Role of incremental doses of intracoronary adenosine for fractional flow reserve assessment. American Heart Journal, 2003, 146, 99-105.	1.2	60
99	Valsartan Regulates Myocardial Autophagy and Mitochondrial Turnover in Experimental Hypertension. Hypertension, 2014, 64, 87-93.	1.3	60
100	The Impact of Coronary Physiology on Contemporary Clinical Decision Making. JACC: Cardiovascular Interventions, 2020, 13, 1617-1638.	1.1	60
101	Leveraging Machine Learning Techniques to Forecast Patient Prognosis After Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2019, 12, 1304-1311.	1.1	59
102	Comparison of combination therapy of adenosine and nitroprusside with adenosine alone in the treatment of angiographic no-reflow phenomenon. Catheterization and Cardiovascular Interventions, 2004, 61, 484-491.	0.7	58
103	Women and Cardiovascular Heart Disease: Clinical Implications From the Women's Ischemia Syndrome Evaluation (WISE) Study. Journal of the American College of Cardiology, 2006, 47, S59-S62.	1.2	58
104	Downregulation of circulating MOTS-c levels in patients with coronary endothelial dysfunction. International Journal of Cardiology, 2018, 254, 23-27.	0.8	58
105	Altered Endothelial Function in Asymptomatic Male Adolescents with Type 1 Diabetes. Congenital Heart Disease, 2006, 1, 98-103.	0.0	57
106	Mitochondria. Hypertension, 2015, 65, 264-270.	1.3	56
107	Coronary Endothelial Function Is Preserved With Chronic Endothelin Receptor Antagonism in Experimental Hypercholesterolemia In Vitro. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 2769-2775.	1.1	55
108	Increased ubiquitin immunoreactivity in unstable atherosclerotic plaques associated with acute coronary syndromes. Journal of the American College of Cardiology, 2002, 40, 1919-1927.	1.2	55

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109	Systemic Inflammation and Metabolic Syndrome in Cardiac Allograft Vasculopathy. <i>Journal of Heart and Lung Transplantation</i> , 2007, 26, 826-833.	0.3	55
110	Placenta growth factor expression in human atherosclerotic carotid plaques is related to plaque destabilization. <i>Atherosclerosis</i> , 2008, 196, 333-340.	0.4	54
111	Oxidative stress-related increase in ubiquitination in early coronary atherogenesis. <i>FASEB Journal</i> , 2003, 17, 1730-1732.	0.2	52
112	Lipoprotein-Associated Phospholipase A2: A Risk Marker or a Risk Factor?. <i>American Journal of Cardiology</i> , 2008, 101, S11-S22.	0.7	52
113	Patients With Coronary Endothelial Dysfunction Have Impaired Cholesterol Efflux Capacity and Reduced HDL Particle Concentration. <i>Circulation Research</i> , 2016, 119, 83-90.	2.0	52
114	Cells for tissue engineering of cardiac valves. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, 804-824.	1.3	51
115	Expression of lipoprotein-associated phospholipase A2 in carotid artery plaques predicts long-term cardiac outcome. <i>European Heart Journal</i> , 2009, 30, 2930-2938.	1.0	50
116	Renal vein cytokine release as an index of renal parenchymal inflammation in chronic experimental renal artery stenosis. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 274-282.	0.4	50
117	An update on cardio-oncology. <i>Trends in Cardiovascular Medicine</i> , 2014, 24, 285-295.	2.3	50
118	Treating Coronary Disease and the Impact of Endothelial Dysfunction. <i>Progress in Cardiovascular Diseases</i> , 2015, 57, 431-442.	1.6	50
119	Sex differences in vascular and endothelial responses to acute mental stress. <i>Clinical Autonomic Research</i> , 2008, 18, 339-345.	1.4	49
120	Supercritical Carbon Dioxide-Based Sterilization of Decellularized Heart Valves. <i>JACC Basic To Translational Science</i> , 2017, 2, 71-84.	1.9	49
121	Proliferation of Coronary Adventitial Vasa Vasorum in Patients With Spontaneous Coronary Artery Dissection. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 891-892.	2.3	48
122	Coronary microvascular dysfunction is associated with exertional haemodynamic abnormalities in patients with heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021, 23, 765-772.	2.9	48
123	Ten-year trends, predictors and outcomes of mechanical circulatory support in percutaneous coronary intervention for acute myocardial infarction with cardiogenic shock. <i>EuroIntervention</i> , 2021, 16, e1254-e1261.	1.4	48
124	Clinical outcomes of patients with hypothyroidism undergoing percutaneous coronary intervention. <i>European Heart Journal</i> , 2016, 37, 2055-2065.	1.0	47
125	Voice Signal Characteristics Are Independently Associated With Coronary Artery Disease. <i>Mayo Clinic Proceedings</i> , 2018, 93, 840-847.	1.4	47
126	Evaluation of patients with minimally obstructive coronary artery disease and angina. <i>International Journal of Cardiology</i> , 1996, 53, 203-208.	0.8	45



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127	Incremental doses of intracoronary adenosine for the assessment of coronary velocity reserve for clinical decision making. <i>Catheterization and Cardiovascular Interventions</i> , 2001, 54, 34-40.	0.7	44
128	Safety and Risk of Major Complications With Diagnostic Cardiac Catheterization. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007791.	1.4	44
129	Assessment of peripheral endothelial function predicts future risk of solid-tumor cancer. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 608-618.	0.8	44
130	Circulating CD34+ cell subsets in patients with coronary endothelial dysfunction. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008, 5, 489-496.	3.3	43
131	Novel Functional Risk Factors for the Prediction of Cardiovascular Events in Vulnerable Patients Following Acute Coronary Syndrome. <i>Circulation Journal</i> , 2012, 76, 778-783.	0.7	43
132	Intra-renal delivery of mesenchymal stem cells attenuates myocardial injury after reversal of hypertension in porcine renovascular disease. <i>Stem Cell Research and Therapy</i> , 2015, 6, 7.	2.4	43
133	Humanin, a Cytoprotective Peptide, Is Expressed in Carotid Atherosclerotic Plaques in Humans. <i>PLoS ONE</i> , 2012, 7, e31065.	1.1	43
134	Evaluation of microvascular anatomy by micro-CT. <i>Herz</i> , 1999, 24, 531-533.	0.4	42
135	Safety and Efficacy of Extracorporeal Shock Wave Myocardial Revascularization Therapy for Refractory Angina Pectoris. <i>Mayo Clinic Proceedings</i> , 2014, 89, 346-354.	1.4	42
136	Loss of Renal Peritubular Capillaries in Hypertensive Patients Is Detectable by Urinary Endothelial Microparticle Levels. <i>Hypertension</i> , 2018, 72, 1180-1188.	1.3	42
137	Takotsubo syndrome: State-of-the-art review by an expert panel – Part 2. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 153-166.	0.3	42
138	Progressive Cellular Senescence Mediates Renal Dysfunction in Ischemic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1987-2004.	3.0	42
139	Coronary microvascular dysfunction is associated with poor glycemic control amongst female diabetics with chest pain and non-obstructive coronary artery disease. <i>Cardiovascular Diabetology</i> , 2019, 18, 22.	2.7	41
140	Endothelin-A Receptor Blockade Improves Renal Microvascular Architecture and Function in Experimental Hypercholesterolemia. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 3394-3403.	3.0	40
141	Hypothyroidism Is Associated With Coronary Endothelial Dysfunction in Women. <i>Journal of the American Heart Association</i> , 2015, 4, e002225.	1.6	40
142	Abnormal coronary microvascular endothelial function in humans with asymptomatic left ventricular dysfunction. <i>American Heart Journal</i> , 2003, 146, 549-554.	1.2	39
143	Plasma 8-iso-prostaglandin F <sub>2</sub> ±, a marker of oxidative stress, is increased in patients with acute myocardial infarction. <i>Free Radical Research</i> , 2006, 40, 385-391.	1.5	39
144	Evaluation of coronary adventitial vasa vasorum using 3D optical coherence tomography – Animal and human studies. <i>Atherosclerosis</i> , 2015, 239, 203-208.	0.4	39

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145	Chronic endothelin receptor antagonism prevents coronary vasa vasorum neovascularization in experimental hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 2002, 39, 1555-1561.	1.2	38
146	The assessment of endothelial function in the cardiac catheterization laboratory in patients with risk factors for atherosclerotic coronary artery disease. <i>Herz</i> , 1999, 24, 544-547.	0.4	37
147	Coronary endothelial function testing provides superior discrimination compared with standard clinical risk scoring in prediction of cardiovascular events. <i>Coronary Artery Disease</i> , 2016, 27, 213-220.	0.3	37
148	Mental Stress and Its Effects on Vascular Health. <i>Mayo Clinic Proceedings</i> , 2022, 97, 951-990.	1.4	37
149	In Vitro Model of a Fibrosa Layer of a Heart Valve. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20012-20020.	4.0	36
150	In vivo remodeling of a 3D-Bioprinted tissue engineered heart valve scaffold. <i>Bioprinting</i> , 2019, 16, e00059.	2.9	36
151	Sex and Gender Disparities in the Management and Outcomes of Acute Myocardial Infarction—Cardiogenic Shock in Older Adults. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1916-1927.	1.4	36
152	On to the road to degradation: atherosclerosis and the proteasome. <i>Cardiovascular Research</i> , 2010, 85, 291-302.	1.8	35
153	Vocal Biomarker Is Associated With Hospitalization and Mortality Among Heart Failure Patients. <i>Journal of the American Heart Association</i> , 2020, 9, e013359.	1.6	35
154	Patients with an HbA1c in the Prediabetic and Diabetic Range Have Higher Numbers of Circulating Cells with Osteogenic and Endothelial Progenitor Cell Markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4761-4768.	1.8	34
155	Sex-Specific Genetic Variants are Associated With Coronary Endothelial Dysfunction. <i>Journal of the American Heart Association</i> , 2016, 5, e002544.	1.6	34
156	A novel surgical technique for a rat subcutaneous implantation of a tissue engineered scaffold. <i>Acta Histochemica</i> , 2018, 120, 282-291.	0.9	34
157	Association of Search Engine Queries for Chest Pain With Coronary Heart Disease Epidemiology. <i>JAMA Cardiology</i> , 2018, 3, 1218.	3.0	34
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