Gerald Maurer

List of Publications by Year
in descending order

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242 papers	16,534 citations	17405 63 h-index	16605 123 g-index
255 all docs	255 docs citations	255 times ranked	16117 citing authors

#	Article	IF	Citations
1	Predictors of Outcome in Severe, Asymptomatic Aortic Stenosis. New England Journal of Medicine, 2000, 343, 611-617.	13.9	1,181
2	Transesophageal Echocardiography. Journal of the American Society of Echocardiography, 1989, 2, 354-357.	1.2	888
3	Myocardial Viability and Survival in Ischemic Left Ventricular Dysfunction. New England Journal of Medicine, 2011, 364, 1617-1625.	13.9	734
4	Late prognostic value of flow-mediated dilation in the brachial artery of patients with chest pain. American Journal of Cardiology, 2000, 86, 207-210.	0.7	522
5	Outcome of Watchful Waiting in Asymptomatic Severe Mitral Regurgitation. Circulation, 2006, 113, 2238-2244.	1.6	445
6	Natural History of Very Severe Aortic Stenosis. Circulation, 2010, 121, 151-156.	1.6	424
7	Natriuretic Peptides Predict Symptom-Free Survival and Postoperative Outcome in Severe Aortic Stenosis. Circulation, 2004, 109, 2302-2308.	1.6	405
8	Statins but Not Angiotensin-Converting Enzyme Inhibitors Delay Progression of Aortic Stenosis. Circulation, 2004, 110, 1291-1295.	1.6	391
9	Mild and moderate aortic stenosis Natural history and risk stratification by echocardiography. European Heart Journal, 2004, 25, 199-205.	1.0	383
10	Diastolic Pulmonary Vascular Pressure Gradient. Chest, 2013, 143, 758-766.	0.4	334
11	Implementation of Guidelines Improves the Standard of Care. Circulation, 2006, 113, 2398-2405.	1.6	328
12	Mechanisms Underlying Aortic Dilatation in Congenital Aortic Valve Malformation. Circulation, 1999, 99, 2138-2143.	1.6	290
13	Two-dimensional contrast echocardiography. I. In vitro development and quantitative analysis of echo contrast agents. Journal of the American College of Cardiology, 1984, 3, 14-20.	1.2	285
14	â€œoverestimationâ€•of catheter gradients by doppler ultrasound in patients with aortic stenosis: a predictable manifestation of pressure recovery. Journal of the American College of Cardiology, 1999, 33, 1655-1661.	1.2	273
15	Meta-Analysis of Cell-based CaRdiac stUdiEs (ACCRUE) in Patients With Acute Myocardial Infarction Based on Individual Patient Data. Circulation Research, 2015, 116, 1346-1360.	2.0	270
16	Medical conditions increasing the risk of chronic thromboembolic pulmonary hypertension. Thrombosis and Haemostasis, 2005, 93, 512-516.	1.8	253
17	COVID-19 pandemic and cardiac imaging: EACVI recommendations on precautions, indications, prioritization, and protection for patients and healthcare personnel. European Heart Journal Cardiovascular Imaging, 2020, 21, 592-598.	0.5	237
18	High prevalence of elevated clotting factor VIII in chronic thromboembolic pulmonary hypertension. Thrombosis and Haemostasis, 2003, 90, 372-376.	1.8	221

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19	Inflammation and Carotid Arteryâ€"Risk for Atherosclerosis Study (ICARAS). Circulation, 2005, 111, 2203-2209.	1.6	203
20	Myocardial Viability and Long-Term Outcomes in Ischemic Cardiomyopathy. New England Journal of Medicine, 2019, 381, 739-748.	13.9	186
21	Intracoronary Thrombectomy With the X-Sizer Catheter System Improves Epicardial Flow and Accelerates ST-Segment Resolution in Patients With Acute Coronary Syndrome. Circulation, 2002, 105, 2355-2360.	1.6	168
22	ESC Working Group on Valvular Heart Disease Position Paper--heart valve clinics: organization, structure, and experiences. European Heart Journal, 2013, 34, 1597-1606.	1.0	150
23	Impact of tricuspid regurgitation on survival in patients with chronic heart failure: unexpected findings of a long-term observational study. European Heart Journal, 2013, 34, 844-852.	1.0	150
24	Components of the interleukin-33/ST2 system are differentially expressed and regulated in human cardiac cells and in cells of the cardiac vasculature. Journal of Molecular and Cellular Cardiology, 2013, 60, 16-26.	0.9	145
25	Cardiac Magnetic Resonance Postcontrast T1 Time Is Associated With Outcome in Patients With Heart Failure and Preserved Ejection Fraction. Circulation: Cardiovascular Imaging, 2013, 6, 1056-1065.	1.3	145
26	Importance of Pressure Recovery for the Assessment of Aortic Stenosis by Doppler Ultrasound. Circulation, 1996, 94, 1934-1940.	1.6	139
27	Three-dimensional reconstruction of echocardiographic images using the rotation method. Ultrasound in Medicine and Biology, 1982, 8, 655-661.	0.7	137
28	Interleukin-33 Induces Expression of Adhesion Molecules and Inflammatory Activation in Human Endothelial Cells and in Human Atherosclerotic Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2080-2089.	1.1	137
29	Effect of prosthetic aortic valve design on the Doppler-catheter gradient correlation: An in vitro study of normal St. Jude, Medtronic-Hall, Starr-Edwards and Hancock valves. Journal of the American College of Cardiology, 1992, 19, 324-332.	1.2	131
30	Contribution of nicotine to acute endothelial dysfunction in long-term smokers. Journal of the American College of Cardiology, 2002, 39, 251-256.	1.2	129
31	Complement component C5a predicts future cardiovascular events in patients with advanced atherosclerosis. European Heart Journal, 2005, 26, 2294-2299.	1.0	129
32	C5a stimulates production of plasminogen activator inhibitor-1 in human mast cells and basophils. Blood, 2002, 100, 517-523.	0.6	128
33	Coronary no-reflow is caused by shedding of active tissue factor from dissected atherosclerotic plaque. Blood, 2002, 99, 2794-2800.	0.6	126
34	Gender differences in clinical presentation and surgical outcome of aortic stenosis. Heart, 2010, 96, 539-545.	1.2	119
35	Combined delivery approach of bone marrow mononuclear stem cells early and late after myocardial infarction: the MYSTAR prospective, randomized study. Nature Clinical Practice Cardiovascular Medicine, 2009, 6, 70-81.	3.3	118
36	Stent Thrombosis With Ticagrelor Versus Clopidogrel in Patients With Acute Coronary Syndromes. Circulation, 2013, 128, 1055-1065.	1.6	118

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37	Assessment of myocardial viability by dobutamine echocardiography, positron emission tomography and thallium-201 SPECT. Journal of the American College of Cardiology, 1998, 32, 1701-1708.	1.2	114
38	Effects of vitamin E on chronic and acute endothelial dysfunction in smokers. Journal of the American College of Cardiology, 2000, 35, 277-283.	1.2	111
39	Stereolithographic biomodeling to create tangible hard copies of cardiac structures from echocardiographic data. Journal of the American College of Cardiology, 2000, 35, 230-237.	1.2	109
40	Additional benefit of vitamin E supplementation to simvastatin therapy on vasoreactivity of the brachial artery of hypercholesterolemic men. Journal of the American College of Cardiology, 1998, 32, 711-716.	1.2	108
41	Computer analysis of Doppler color flow mapping images for quantitative assessment of in vitro fluid Jets. Journal of the American College of Cardiology, 1988, 12, 450-457.	1.2	107
42	HMG CoA reductase inhibitors affect the fibrinolytic system of human vascular cells in vitro : a comparative study using different statins. British Journal of Pharmacology, 2002, 135, 284-292.	2.7	105
43	Value of cardiopulmonary exercise testing and big endothelin plasma levels to predict short-term prognosis of patients with chronic heart failure. Journal of the American College of Cardiology, 1998, 32, 1695-1700.	1.2	104
44	Progression of Carotid Stenosis Detected by Duplex Ultrasonography Predicts Adverse Outcomes in Cardiovascular High-Risk Patients. Stroke, 2007, 38, 2887-2894.	1.0	102
45	Effects of Dobutamine Stimulation on Myocardial Blood Flow, Glucose Metabolism, and Wall Motion in Normal and Dysfunctional Myocardium. Circulation, 1996, 94, 3146-3154.	1.6	102
46	Personalized antiplatelet treatment after percutaneous coronary intervention: The MADONNA study. International Journal of Cardiology, 2013, 167, 2018-2023.	0.8	101
47	Aortic regurgitation. Heart, 2006, 92, 994-1000.	1.2	99
48	Familial-combined hyperlipidaemia in very young myocardial infarction survivors (<=40 years of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	92
49	Normal Reference Ranges for Echocardiography: rationale, study design, and methodology (NORRE) Tj ETQq1 1 0.784314 rgBT /Overl	0.5	91
50	Can a Commercial Diagnostic Ultrasound Device Accelerate Thrombolysis?. Stroke, 2005, 36, 124-128.	1.0	87
51	Intraoperative Doppler color flow mapping for assessment of valve repair for mitral regurgitation. American Journal of Cardiology, 1987, 60, 333-337.	0.7	86
52	Urinary Excretion of Apo(a) Fragments. Arteriosclerosis, Thrombosis, and Vascular Biology, 1996, 16, 905-911.	1.1	86
53	Outcome of Combined Stenotic and Regurgitant Aortic Valve Disease. Journal of the American College of Cardiology, 2013, 61, 1489-1495.	1.2	85
54	The complement component C5a is present in human coronary lesions in vivo and induces the expression of MMPâ€1 and MMPâ€9 in human macrophages in vitro. FASEB Journal, 2011, 25, 35-44.	0.2	81

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55	In vitro validation of three-dimensional intravascular ultrasound for the evaluation of arterial injury after balloon angioplasty. Journal of the American College of Cardiology, 1992, 20, 692-700.	1.2	80
56	Heterogeneous aortic response to acute Î²-adrenergic blockade in Marfan syndrome. American Heart Journal, 1997, 133, 60-63.	1.2	80
57	NOGA-Guided Analysis of Regional Myocardial Perfusion Abnormalities Treated With Intramyocardial Injections of Plasmid Encoding Vascular Endothelial Growth Factor A-165 in Patients With Chronic Myocardial Ischemia. Circulation, 2005, 112, I157-65.	1.6	80
58	Intravascular ultrasound imaging: A current perspective. Journal of the American College of Cardiology, 1991, 18, 1811-1823.	1.2	77
59	Cell therapy for human ischemic heart diseases: Critical review and summary of the clinical experiences. Journal of Molecular and Cellular Cardiology, 2014, 75, 12-24.	0.9	75
60	Size Matters! Impact of Age, Sex, Height, and Weight on the Normal Heart Size. Circulation: Cardiovascular Imaging, 2013, 6, 1073-1079.	1.3	74
61	Imaging in Pulmonary Hypertension. JACC: Cardiovascular Imaging, 2010, 3, 1287-1295.	2.3	72
62	Plasminogen Activator Inhibitor 1 Expression is Regulated by the Inflammatory Mediators Interleukin-1Î±, Tumor Necrosis Factor-Î±, Transforming Growth Factor-Î² and Oncostatin M in Human Cardiac Myocytes. Journal of Molecular and Cellular Cardiology, 2002, 34, 1681-1691.	0.9	70
63	The Role of Biomarkers in Valvular Heart Disease: Focus on Natriuretic Peptides. Canadian Journal of Cardiology, 2014, 30, 1027-1034.	0.8	67
64	Catecholamines potentiate LPSâ€•induced expression of MMPâ€‘1 and MMPâ€‘9 in human monocytes and in the human monocytic cell line U937: possible implications for periâ€•operative plaque instability. FASEB Journal, 2004, 18, 603-605.	0.2	66
65	A multi-biomarker risk score improves prediction of long-term mortality in patients with advanced heart failure. International Journal of Cardiology, 2013, 168, 1251-1257.	0.8	64
66	Prognostic Impact of Fibrinogen in Carotid Atherosclerosis. Stroke, 2005, 36, 1400-1404.	1.0	63
67	Relative importance of different lipid risk factors for the development of myocardial infarction at a very young age (â‰¤â€ƒ40â€ƒyears of age). European Journal of Clinical Investigation, 2012, 42, 631-636.	1.7	59
68	Myeloperoxidase Predicts Progression of Carotid Stenosis in States of Low High-Density Lipoprotein Cholesterol. Journal of the American College of Cardiology, 2006, 47, 2212-2218.	1.2	58
69	Oncostatin M-enhanced vascular endothelial growth factor expression in human vascular smooth muscle cells involves PI3K-, p38 MAPK-, Erk1/2- and STAT1/STAT3-dependent pathways and is attenuated by interferon-Î³. Basic Research in Cardiology, 2011, 106, 217-231.	2.5	56
70	Prognostic value of serial Bâ€type natriuretic peptide measurement in asymptomatic organic mitral regurgitation. European Journal of Heart Failure, 2011, 13, 163-169.	2.9	55
71	Routinely available biomarkers improve prediction of long-term mortality in stable coronary artery disease: the Vienna and Ludwigshafen Coronary Artery Disease (VILCAD) risk score. European Heart Journal, 2012, 33, 2282-2289.	1.0	55
72	Asymptomatic Severe Aortic Stenosis inÂthe Elderly. JACC: Cardiovascular Imaging, 2017, 10, 43-50.	2.3	55

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73	Effects of pressure-controlled intermittent coronary sinus occlusion on regional ischemic myocardial function. Journal of the American College of Cardiology, 1985, 5, 939-947.	1.2	52
74	Effect of timing of clopidogrel administration on 30-day clinical outcomes: 300-mg loading dose immediately after coronary stenting versus pretreatment 6 to 24 hours before stenting in a large unselected patient cohort. American Heart Journal, 2007, 153, 289-295.	1.2	50
75	Hydroxymethylglutaryl-coenzyme A reductase inhibitors induce apoptosis in human cardiac myocytes in vitro. Biochemical Pharmacology, 2006, 71, 1324-1330.	2.0	49
76	Thrombin induces the expression of oncostatin M via AP-1 activation in human macrophages: a link between coagulation and inflammation. Blood, 2009, 114, 2812-2818.	0.6	49
77	2MHz ultrasound enhances t-PA-mediated thrombolysis: comparison of continuous versus pulsed ultrasound and standing versus travelling acoustic waves. Thrombosis and Haemostasis, 2003, 89, 583-589.	1.8	48
78	The salvage potential of coronary sinus interventions: meta-analysis and pathophysiologic consequences. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 1703-1712.	0.4	48
79	Design and rationale for the Myocardial Stem Cell Administration After Acute Myocardial Infarction (MYSTAR) Study: A multicenter, prospective, randomized, single-blind trial comparing early and late intracoronary or combined (percutaneous intramyocardial and intracoronary) administration of nonselected autologous bone marrow cells to patients after acute myocardial infarction. American Heart Journal, 2007, 153, 212.e1-212.e7.	1.2	48
80	Tricuspid valve repair. Journal of Thoracic and Cardiovascular Surgery, 1989, 98, 101-111.	0.4	47
81	Vascular dysfunction after coarctation repair is related to the age at surgery. International Journal of Cardiology, 2005, 99, 295-299.	0.8	46
82	Updated standards and processes for accreditation of echocardiographic laboratories from The European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2014, 15, 717-727.	0.5	46
83	Liver function predicts survival in patients undergoing extracorporeal membrane oxygenation following cardiovascular surgery. Critical Care, 2016, 20, 57.	2.5	46
84	The forgotten valve: lessons to be learned in tricuspid regurgitation. European Heart Journal, 2010, 31, 2841-2843.	1.0	45
85	Premature myocardial infarction is strongly associated with increased levels of remnant cholesterol. Journal of Clinical Lipidology, 2015, 9, 801-806.e1.	0.6	45
86	The antiâ€angiogenic factor PEDF is present in the human heart and is regulated by anoxia in cardiac myocytes and fibroblasts. Journal of Cellular and Molecular Medicine, 2010, 14, 198-205.	1.6	44
87	Long-acting beneficial effect of percutaneously intramyocardially delivered secretome of apoptotic peripheral blood cells on porcine chronic ischemic left ventricular dysfunction. Biomaterials, 2014, 35, 3541-3550.	5.7	44
88	Ultrasound affects distribution of plasminogen and tissuetype plasminogen activator in whole blood clots in vitro. Thrombosis and Haemostasis, 2004, 92, 980-985.	1.8	43
89	Opposite effects of CX3CR1 receptor polymorphisms V249I and T280M on the development of acute coronary syndrome. Thrombosis and Haemostasis, 2005, 93, 949-954.	1.8	43
90	In Human Macrophages the Complement Component C5a Induces the Expression of Oncostatin M via AP-1 Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 498-503.	1.1	42

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91	Premature myocardial infarction is associated with low serum levels of Wnt-1. Atherosclerosis, 2012, 222, 251-256.	0.4	42
92	Histopathologic correlation of the three-layered intravascular ultrasound appearance of normal adult human muscular arteries. American Heart Journal, 1993, 126, 872-878.	1.2	40
93	An increase of C-reactive protein is associated with enhanced activation of endogenous fibrinolysis at baseline but an impaired endothelial fibrinolytic response after venous occlusion. Journal of the American College of Cardiology, 2005, 45, 30-34.	1.2	39
94	Increased Restenosis Rate After Implantation of Drug-Eluting Stents in Patients With Elevated Serum Activity of Matrix Metalloproteinase-2 and -9. JACC: Cardiovascular Interventions, 2010, 3, 90-97.	1.1	38
95	Small high-density lipoprotein is associated with monocyte subsets in stable coronary artery disease. Atherosclerosis, 2014, 237, 589-596.	0.4	38
96	Ultrasound thrombolysis. Thrombosis and Haemostasis, 2005, 94, 26-36.	1.8	37
97	Monocyte chemoattractant protein (MCP-1) is expressed in human cardiac cells and is differentially regulated by inflammatory mediators and hypoxia. FEBS Letters, 2006, 580, 3532-3538.	1.3	37
98	Monocyte subset distribution in patients with stable atherosclerosis and elevated levels of lipoprotein(a). Journal of Clinical Lipidology, 2015, 9, 533-541.	0.6	37
99	Fractalkine is an independent predictor of mortality in patients with advanced heart failure. Thrombosis and Haemostasis, 2012, 108, 1220-1227.	1.8	36
100	Glycoprotein 130 ligand oncostatin-M induces expression of vascular endothelial growth factor in human adult cardiac myocytes. Cardiovascular Research, 2003, 59, 628-638.	1.8	35
101	Differences in the predictive value of tumor necrosis factor-like weak inducer of apoptosis (TWEAK) in advanced ischemic and non-ischemic heart failure. Atherosclerosis, 2010, 213, 545-548.	0.4	35
102	Dual non-responsiveness to antiplatelet treatment is a stronger predictor of cardiac adverse events than isolated non-responsiveness to clopidogrel or aspirin. International Journal of Cardiology, 2013, 167, 430-435.	0.8	35
103	Elevation of Prostate-Specific Markers After Cardiopulmonary Resuscitation. Circulation, 2000, 102, 290-293.	1.6	34
104	Coronary late lumen loss of drug eluting stents is associated with increased serum levels of the complement components C3a and C5a. Atherosclerosis, 2010, 208, 285-289.	0.4	34
105	European multicentre validation study of the accuracy of E/e' ratio in estimating invasive left ventricular filling pressure: EURO-FILLING study. European Heart Journal Cardiovascular Imaging, 2014, 15, 810-816.	0.5	33
106	Association of Small Dense LDL Serum Levels and Circulating Monocyte Subsets in Stable Coronary Artery Disease. PLoS ONE, 2015, 10, e0123367.	1.1	33
107	Sequential activation of different pathway networks in ischemia-affected and non-affected myocardium, inducing intrinsic remote conditioning to prevent left ventricular remodeling. Scientific Reports, 2017, 7, 43958.	1.6	33
108	Porcine model of progressive cardiac hypertrophy and fibrosis with secondary postcapillary pulmonary hypertension. Journal of Translational Medicine, 2017, 15, 202.	1.8	33

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109	Active endothelin is an important vasoconstrictor in acute coronary thrombi. Thrombosis and Haemostasis, 2007, 97, 642-649.	1.8	32
110	Mechanisms of Functional Mitral Regurgitation in Ischemic Cardiomyopathy Determined by Transesophageal Echocardiography (from the Surgical Treatment for Ischemic Heart Failure Trial). American Journal of Cardiology, 2013, 112, 1812-1818.	0.7	32
111	Liposomal doxorubicin attenuates cardiotoxicity via induction of interferon-related DNA damage resistance. Cardiovascular Research, 2020, 116, 970-982.	1.8	32
112	A quantitative comparison of transesophageal and epicardial color Doppler echocardiography in the intraoperative assessment of mitral regurgitation. American Journal of Cardiology, 1989, 64, 1168-1172.	0.7	31
113	Butyrylcholinesterase Activity Predicts Long-Term Survival in Patients with Coronary Artery Disease. Clinical Chemistry, 2012, 58, 1055-1058.	1.5	31
114	Gender differences in short- and long-term mortality in the Vienna STEMI registry. International Journal of Cardiology, 2017, 244, 303-308.	0.8	31
115	The effect of p22-PHOX (CYBA) polymorphisms on premature coronary artery disease (â‰¤ 40 years of) Tj ETQq1 1 0.784314 rgBT /O	1.8	30
116	Role of a heart valve clinic programme in the management of patients with aortic stenosis. European Heart Journal Cardiovascular Imaging, 2017, 18, 138-144.	0.5	29
117	Estimation of coronary flow reserve by transesophageal coronary sinus Doppler measurements in patients with syndrome X and patients with significant left coronary artery disease. Journal of the American College of Cardiology, 1995, 25, 1039-1045.	1.2	28
118	Markers of bone metabolism in premature myocardial infarction (â‰¤ 40 years of age). Bone, 2011, 48, 622-626.	1.4	28
119	Time Course of Endothelium-Dependent and -Independent Coronary Vasomotor Response to Coronary Balloons and Stents. JACC: Cardiovascular Interventions, 2012, 5, 741-751.	1.1	28
120	Serum butyrylcholinesterase predicts survival after extracorporeal membrane oxygenation after cardiovascular surgery. Critical Care, 2014, 18, R24.	2.5	28
121	Prognostic value of culprit site neutrophils in acute coronary syndrome. European Journal of Clinical Investigation, 2014, 44, 257-265.	1.7	28
122	Clinical predictors of patient related delay in the VIENNA ST-elevation myocardial infarction network and impact on long-term mortality. European Heart Journal: Acute Cardiovascular Care, 2017, 6, 254-261.	0.4	28
123	Prostaglandin E1 induces vascular endothelial growth factor-1 in human adult cardiac myocytes but not in human adult cardiac fibroblasts via a cAMP-dependent mechanism. Journal of Molecular and Cellular Cardiology, 2004, 36, 539-546.	0.9	27
124	Distribution of clinical events across platelet aggregation values in all-comers treated with prasugrel and ticagrelor. Vascular Pharmacology, 2016, 79, 6-10.	1.0	27
125	Growth Differentiation Factor 15 at 1ÂMonth After an Acute Coronary Syndrome Is Associated With Increased Risk of Major Bleeding. Journal of the American Heart Association, 2017, 6, .	1.6	27
126	The inflammatory cytokine oncostatin M induces PAI-1 in human vascular smooth muscle cells in vitro via PI 3-kinase and ERK1/2-dependent pathways. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1962-H1968.	1.5	26

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127	Systemic pressure does not directly affect pressure gradient and valve area estimates in aortic stenosis in vitro. European Heart Journal, 2008, 29, 2049-2057.	1.0	26
128	Human cardiac fibroblasts express Bâ€type natriuretic peptide: fluvastatin ameliorates its upâ€regulation by interleukinâ€1Î±, tumour necrosis factorâ€Î± and transforming growth factorâ€Î². Journal of Cellular and Molecular Medicine, 2009, 13, 4415-4421.	1.6	26
129	Effect of intramyocardial delivery of autologous bone marrow mononuclear stem cells on the regional myocardial perfusion. Thrombosis and Haemostasis, 2010, 103, 564-571.	1.8	26
130	Levosimendan exerts anti-inflammatory effects on cardiac myocytes and endothelial cells in vitro. Thrombosis and Haemostasis, 2015, 113, 350-362.	1.8	26
131	Outcome in Heart Failure with Preserved Ejection Fraction: The Role of Myocardial Structure and Right Ventricular Performance. PLoS ONE, 2015, 10, e0134479.	1.1	26
132	Thrombolytic Therapy in Acute Myocardial Infarction. Seminars in Thrombosis and Hemostasis, 1996, 22, 15-26.	1.5	24
133	Inter-patient variability of platelet reactivity in patients treated with prasugrel and ticagrelor. Platelets, 2016, 27, 373-377.	1.1	24
134	Longitudinal analysis of perfusion lung scintigrams of patients with unoperated chronic thromboembolic pulmonary hypertension. Thrombosis and Haemostasis, 2004, 92, 201-207.	1.8	23
135	Complement Component C5a Predicts Restenosis After Superficial Femoral Artery Balloon Angioplasty. Journal of Endovascular Therapy, 2007, 14, 62-69.	0.8	23
136	Interplay between Genetic and Clinical Variables Affecting Platelet Reactivity and Cardiac Adverse Events in Patients Undergoing Percutaneous Coronary Intervention. PLoS ONE, 2014, 9, e102701.	1.1	23
137	Soluble galectinâ€3 is associated with premature myocardial infarction. European Journal of Clinical Investigation, 2016, 46, 386-391.	1.7	23
138	Cardiac arrest does not affect survival in post-operative cardiovascular surgery patients undergoing extracorporeal membrane oxygenation. Resuscitation, 2016, 104, 24-27.	1.3	22
139	Impaired antioxidant HDL function is associated with premature myocardial infarction. European Journal of Clinical Investigation, 2015, 45, 731-738.	1.7	21
140	Criteria for surveys: from the European Association of Cardiovascular Imaging Scientific Initiatives Committee. European Heart Journal Cardiovascular Imaging, 2019, 20, 963-966.	0.5	21
141	Retrograde coronary venous contrast echocardiography: Assessment of shunting and delineation of regional myocardium in the normal and ischemic canine heart. Journal of the American College of Cardiology, 1984, 4, 577-586.	1.2	20
142	Is activation of coronary venous cells the key to cardiac regeneration?. Nature Clinical Practice Cardiovascular Medicine, 2008, 5, 528-530.	3.3	20
143	Hypoxia-Inducible Factor 1-Alpha Release After Intracoronary Versus Intramyocardial Stem Cell Therapy in Myocardial Infarction. Journal of Cardiovascular Translational Research, 2010, 3, 114-121.	1.1	20
144	Imaging the Migration of Therapeutically Delivered Cardiac Stem Cells. JACC: Cardiovascular Imaging, 2010, 3, 772-775.	2.3	20

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145	Interleukin-33 stimulates GM-CSF and M-CSF production by human endothelial cells. Thrombosis and Haemostasis, 2016, 116, 317-327.	1.8	20
146	Urinary Output Predicts Survival in Patients Undergoing Extracorporeal Membrane Oxygenation Following Cardiovascular Surgery. Critical Care Medicine, 2016, 44, 531-538.	0.4	20
147	Impact of age on short- and long-term mortality of patients with ST-elevation myocardial infarction in the VIENNA STEMI network. Wiener Klinische Wochenschrift, 2018, 130, 172-181.	1.0	20
148	Assessment of coronary stenoses by Doppler wires: a validation study using in vitro modeling and computer simulations. Ultrasound in Medicine and Biology, 1999, 25, 793-801.	0.7	19
149	Cardiovascular imaging practice in Europe: a report from the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2015, 16, 697-702.	0.5	19
150	Comparison of Transesophageal and Transthoracic Echocardiographic Measurements of Mechanism and Severity of Mitral Regurgitation in Ischemic Cardiomyopathy (from the Surgical Treatment of) Tj ETQq0 0 0 rgB0.7Overlock10 Tf 50		
151	Impaired Highâ€Density Lipoprotein Antiâ€Oxidative Function Is Associated With Outcome in Patients With Chronic Heart Failure. Journal of the American Heart Association, 2016, 5, .	1.6	19
152	The estrogen metabolite 17Î²-dihydroequilenin counteracts interleukin-1Î± induced expression of inflammatory mediators in human endothelial cells in vitro via NF-ÎºB pathway. Thrombosis and Haemostasis, 2006, 95, 107-116.	1.8	19
153	Long-term mortality in patients with chronic obstructive pulmonary disease following extracorporeal membrane oxygenation for cardiac assist after cardiovascular surgery. Intensive Care Medicine, 2013, 39, 1444-1451.	3.9	17
154	The impact of selectins on mortality in stable carotid atherosclerosis. Thrombosis and Haemostasis, 2015, 114, 632-638.	1.8	17
155	Intraoperative Transesophageal Echocardiography in Valve Replacement Surgery. Echocardiography, 2002, 19, 701-707.	0.3	15
156	Prognostic Value of Pigment Epithelium-Derived Factor in Patients With Advanced Heart Failure. Chest, 2010, 138, 656-664.	0.4	15
157	Urinary excretion of apolipoprotein(a): relation to other plasma proteins. Clinica Chimica Acta, 2001, 304, 29-37.	0.5	14
158	Mild hyperhomocysteinemia is associated with a decreased fibrinolytic activity in patients after ST-elevation myocardial infarction. Thrombosis Research, 2007, 119, 331-336.	0.8	14
159	Elevated risk of myocardial infarction in very young immigrants from former Yugoslavia. European Journal of Epidemiology, 2009, 24, 691-696.	2.5	14
160	Multi-view approach for the diagnosis of pulmonary hypertension using transthoracic echocardiography. International Journal of Cardiovascular Imaging, 2017, 34, 695-700.	0.7	13
161	Copeptin Predicts Mortality in Critically Ill Patients. PLoS ONE, 2017, 12, e0170436.	1.1	13
162	Medical therapy for rheumatic heart disease: is it time to be proactive rather than reactive?. Indian Heart Journal, 2009, 61, 14-23.	0.2	13

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163	Identification of intracoronary thrombus and demonstration of thrombectomy by intravascular ultrasound imaging. American Journal of Cardiology, 1994, 73, 522-523.	0.7	12
164	Urinary apolipoprotein (a) excretion in patients with proteinuria. Annals of Medicine, 1998, 30, 497-502.	1.5	12
165	Updated standards and processes for accreditation of echocardiographic laboratories from The European Association of Cardiovascular Imaging: an executive summary. European Heart Journal Cardiovascular Imaging, 2014, 15, 1188-1193.	0.5	12
166	Elevation of prostatic markers following cardiogenic shock. Intensive Care Medicine, 2001, 27, 447-447.	3.9	11
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