

Mario Gssl

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

107
papers

2,418
citations

28
h-index

46
g-index

122
ext. papers

3,001
ext. citations

5
avg, IF

4.66
L-index

#	Paper	IF	Citations
107	Chronic Kidney Disease and Coronary Artery Disease: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1823-1838	15.1	170
106	Osteocalcin expression by circulating endothelial progenitor cells in patients with coronary atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 1314-25	15.1	137
105	Enhanced expression of Lp-PLA2 and lysophosphatidylcholine in symptomatic carotid atherosclerotic plaques. <i>Stroke</i> , 2008 , 39, 1448-55	6.7	131
104	Relationship between cardiovascular risk as predicted by established risk scores versus plaque progression as measured by serial intravascular ultrasound in left main coronary arteries. <i>Circulation</i> , 2004 , 110, 1579-85	16.7	113
103	Functional anatomy and hemodynamic characteristics of vasa vasorum in the walls of porcine coronary arteries 2003 , 272, 526-37		105
102	Dysregulation of the ubiquitin-proteasome system in human carotid atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 2132-9	9.4	89
101	Rethinking primary prevention of atherosclerosis-related diseases. <i>Circulation</i> , 2006 , 114, 2517-27	16.7	80
100	Inflammatory and injury signals released from the post-stenotic human kidney. <i>European Heart Journal</i> , 2013 , 34, 540-548a	9.5	76
99	Complete versus incomplete revascularization with coronary artery bypass graft or percutaneous intervention in stable coronary artery disease. <i>Circulation: Cardiovascular Interventions</i> , 2012 , 5, 597-604 ⁶		62
98	Segmental heterogeneity of vasa vasorum neovascularization in human coronary atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 32-40	8.4	61
97	Osteocalcin positive CD133+/CD34-/KDR+ progenitor cells as an independent marker for unstable atherosclerosis. <i>European Heart Journal</i> , 2012 , 33, 2963-9	9.5	60
96	Role of circulating osteogenic progenitor cells in calcific aortic stenosis. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1945-53	15.1	59
95	Coronary endothelial dysfunction in humans is associated with coronary retention of osteogenic endothelial progenitor cells. <i>European Heart Journal</i> , 2010 , 31, 2909-14	9.5	58
94	Remote ischemic preconditioning immediately before percutaneous coronary intervention does not impact myocardial necrosis, inflammatory response, and circulating endothelial progenitor cell counts: a single center randomized sham controlled trial. <i>Catheterization and Cardiovascular Interventions</i> , 2013 , 81, 930-6	2.7	57
93	Prevention of vasa vasorum neovascularization attenuates early neointima formation in experimental hypercholesterolemia. <i>Basic Research in Cardiology</i> , 2009 , 104, 695-706	11.8	56
92	Polyphenol-rich cranberry juice has a neutral effect on endothelial function but decreases the fraction of osteocalcin-expressing endothelial progenitor cells. <i>European Journal of Nutrition</i> , 2013 , 52, 289-96	5.2	54
91	Increased spatial vasa vasorum density in the proximal LAD in hypercholesterolemia--implications for vulnerable plaque-development. <i>Atherosclerosis</i> , 2007 , 192, 246-52	3.1	54

90	Contemporary Arterial Access in the Cardiac Catheterization Laboratory. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2233-2241	5	45
89	Novel Transcatheter Mitral Valve Prosthesis for Patients With Severe Mitral Annular Calcification. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1431-1440	15.1	41
88	Expression of lipoprotein-associated phospholipase A(2) in carotid artery plaques predicts long-term cardiac outcome. <i>European Heart Journal</i> , 2009 , 30, 2930-8	9.5	39
87	Differential distribution of vasa vasorum in different vascular beds in humans. <i>Atherosclerosis</i> , 2008 , 199, 47-54	3.1	39
86	Effect of the C825T polymorphism of the G protein beta 3 subunit on the systolic blood pressure-lowering effect of clonidine in young, healthy male subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2003 , 74, 53-60	6.1	34
85	Chronic kidney disease and valvular heart disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. <i>Kidney International</i> , 2019 , 96, 836-849	9.9	32
84	Role of vasa vasorum in transendothelial solute transport in the coronary vessel wall: a study with cryostatic micro-CT. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 287, H2346-51	5.2	32
83	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, 4761-8	5.6	31
82	Effects of bisphosphonate treatment on circulating osteogenic endothelial progenitor cells in postmenopausal women. <i>Mayo Clinic Proceedings</i> , 2013 , 88, 46-55	6.4	30
81	Meta-analysis of the impact of successful chronic total occlusion percutaneous coronary intervention on left ventricular systolic function and reverse remodeling. <i>Journal of Interventional Cardiology</i> , 2018 , 31, 562-571	1.8	30
80	Relationship between arterial diameter and perfused tissue volume in myocardial microcirculation: a micro-CT-based analysis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H2386-92	5.2	29
79	Coronary microvascular endothelial dysfunction is an independent predictor of development of osteoporosis in postmenopausal women. <i>Vascular Health and Risk Management</i> , 2014 , 10, 533-8	4.4	25
78	Spectrum of remodeling behavior observed with serial long-term (>/=12 months) follow-up intravascular ultrasound studies in left main coronary arteries. <i>American Journal of Cardiology</i> , 2004 , 93, 1107-13	3	25
77	Osteogenic monocytes within the coronary circulation and their association with plaque vulnerability in patients with early atherosclerosis. <i>International Journal of Cardiology</i> , 2015 , 181, 57-64	3.2	24
76	The nitric oxide synthase inhibitor L-NMMA potentiates noradrenaline-induced vasoconstriction: effects of the alpha2-receptor antagonist yohimbine. <i>Journal of Hypertension</i> , 2001 , 19, 907-11	1.9	24
75	Laser Doppler imager (LDI) scanner and intradermal injection for in vivo pharmacology in human skin microcirculation: responses to acetylcholine, endothelin-1 and their repeatability. <i>British Journal of Clinical Pharmacology</i> , 2005 , 59, 511-9	3.8	23
74	Clinical Characteristics and Outcomes of STEMI Patients With Cardiogenic Shock and Cardiac Arrest. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1211-1219	5	22
73	Vasa vasorum growth in the coronary arteries of newborn pigs. <i>Anatomy and Embryology</i> , 2004 , 208, 351-7		20

72	Remodeling index compared to actual vascular remodeling in atherosclerotic left main coronary arteries as assessed with long-term (> or =12 months) serial intravascular ultrasound. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 1363-8	15.1	19
71	Volumetric assessment of ulcerated ruptured coronary plaques with three-dimensional intravascular ultrasound in vivo. <i>American Journal of Cardiology</i> , 2003 , 91, 992-6, A7	3	19
70	Incidence, predictors, management and outcomes of coronary perforations. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 48-56	2.7	19
69	Severe Mitral Annular Calcification: First Experience With Transcatheter Therapy Using a Dedicated Mitral Prosthesis. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 1178-1179	5	18
68	Possible Association Between COVID-19 Vaccine and Myocarditis: Clinical and CMR Findings. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1856-1861	8.4	18
67	Accelerated coronary plaque progression and endothelial dysfunction: serial volumetric evaluation by IVUS. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 103-4	8.4	16
66	Hypertension and hypercholesterolemia differentially affect the function and structure of pig carotid artery. <i>Hypertension</i> , 2007 , 50, 1063-8	8.5	16
65	Ischemic Stroke With Cerebral Protection System During Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2149-2155	5	16
64	Prospective Evaluation for Hypoattenuated Leaflet Thickening Following Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2019 , 123, 658-666	3	16
63	Percutaneous treatment of aortic and mitral valve paravalvular regurgitation. <i>Current Cardiology Reports</i> , 2013 , 15, 388	4.2	15
62	Causes and Clinical Outcomes of Patients Who Are Ineligible for Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 196-204	5	14
61	Vulnerable plaque: detection and management. <i>Medical Clinics of North America</i> , 2007 , 91, 573-601; ix-x 7		13
60	Use of routinely captured echocardiographic data in the diagnosis of severe aortic stenosis. <i>Heart</i> , 2019 , 105, 112-116	5.1	12
59	Relation of nonperfused myocardial volume and surface area to left ventricular performance in coronary microembolization. <i>Circulation</i> , 2004 , 110, 1946-52	16.7	12
58	Cardiac shunt calculations made easy: a case-based approach. <i>Catheterization and Cardiovascular Interventions</i> , 2010 , 76, 137-42	2.7	11
57	Left Ventricular Remodeling After Transcatheter Mitral Valve Replacement With Tendyne: New Insights From Computed Tomography. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2038-2048	5	11
56	Prospective Evaluation of the Eyeball Test for Assessing Frailty in Patients With Valvular Heart Disease. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2911-2912	15.1	11
55	Impaired myocardial perfusion reserve in experimental hypercholesterolemia is independent of myocardial neovascularization. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H2449-58	5.2	10

54	Contemporary Reasons and Clinical Outcomes for Patients With Severe, Symptomatic Aortic Stenosis Not Undergoing Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e007220	6	10
53	Complementary Transcatheter Therapy for Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1103-1104	15.1	9
52	Endothelin-B-receptor-selective antagonist inhibits endothelin-1 induced potentiation on the vasoconstriction to noradrenaline and angiotensin II. <i>Journal of Hypertension</i> , 2004 , 22, 1909-16	1.9	9
51	Temporal changes in patient characteristics and outcomes in ST-segment elevation myocardial infarction 2003-2018. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, 1109-1117	2.7	8
50	Transcatheter Mitral Valve Replacement with Tendyne. <i>Interventional Cardiology Clinics</i> , 2019 , 8, 295-300	1.4	7
49	Association of Guideline Adherence for Serial Evaluations With Survival and Adverse Clinical Events in Patients With Asymptomatic Severe Aortic Stenosis. <i>JAMA Cardiology</i> , 2017 , 2, 1141-1146	16.2	7
48	Transcatheter repair of tricuspid regurgitation with MitraClip. <i>Progress in Cardiovascular Diseases</i> , 2019 , 62, 488-492	8.5	6
47	Renin inhibition with aliskiren lowers circulating endothelial progenitor cells in patients with early atherosclerosis. <i>Journal of Hypertension</i> , 2013 , 31, 632-5	1.9	6
46	Imatinib ameliorates fibrosis in uraemic cardiac disease in BALB/c without improving cardiac function. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 1817-24	4.3	6
45	Expecting the unexpected: preventing and managing the consequences of coronary perforations. <i>Expert Review of Cardiovascular Therapy</i> , 2018 , 16, 805-814	2.5	6
44	Maneuvers for technical success with transcatheter mitral valve repair. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 92, 617-626	2.7	5
43	Prevalence, Trends, and Outcomes of Higher-Risk Percutaneous Coronary Interventions Among Patients Without Acute Coronary Syndromes. <i>Cardiovascular Revascularization Medicine</i> , 2019 , 20, 289-292	1.6	5
42	Current Status of Catheter-Based Treatment of Mitral Valve Regurgitation. <i>Current Cardiology Reports</i> , 2017 , 19, 38	4.2	4
41	An update on transcatheter aortic valve replacement. <i>Current Problems in Cardiology</i> , 2013 , 38, 245-83	17.1	4
40	Failing left ventricle to ascending aorta conduit-Hybrid implantation of a melody valve and NuMed covered stent. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 83, 778-81	2.7	4
39	Relationship between surface area of nonperfused myocardium and extravascular extraction of contrast agent following coronary microembolization. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R430-7	3.2	4
38	Review--3D micro CT imaging of renal micro-structural changes. <i>Nephron Clinical Practice</i> , 2006 , 103, c66-70		4
37	Frontiers in nephrology: early atherosclerosis--a view beyond the lumen. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 2836-42	12.7	4

36	Neo-Left Ventricular Outflow Tract Modification With Alcohol Septal Ablation Before Tendyne Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2078-2080	5	4
35	Transcatheter Closure of Complex Ascending Aortic Pseudoaneurysms After Cardiac Surgery. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e007052	6	4
34	Impact of Transcatheter Mitral Valve Repair on Left Ventricular Remodeling in Secondary Mitral Regurgitation: A Meta-Analysis. <i>Structural Heart</i> , 2018 , 2, 541-547	0.6	4
33	Changes in quality of life in patients with low-flow aortic stenosis undergoing transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 972-978	2.7	3
32	Impact of sleep deprivation on the outcomes of percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 92, 1118-1125	2.7	3
31	Assessment of individual operator performance using a risk-adjustment model for percutaneous coronary interventions. <i>Mayo Clinic Proceedings</i> , 2013 , 88, 1250-8	6.4	3
30	Left main coronary artery protection during transcatheter aortic valve deployment. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1583	15.1	3
29	Outcomes after pacemaker implantation in patients with new-onset left bundle-branch block after transcatheter aortic valve replacement. <i>American Heart Journal</i> , 2019 , 218, 128-132	4.9	3
28	Natural history observations in moderate aortic stenosis. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 108	2.3	3
27	Coronary revascularization and use of hemodynamic support in acute coronary syndromes. <i>Hellenic Journal of Cardiology</i> , 2019 , 60, 165-170	2.1	2
26	Computed Tomographic Angiography-Derived Risk Factors for Vascular Complications in Percutaneous Transfemoral Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2019 , 124, 98-104	3	2
25	Transcatheter Mitral Valve Repair of Recurrent Mitral Regurgitation Following Mitral Surgery. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1395-1397	5	2
24	Finding the Culprit: Combining Cardiac Magnetic Resonance Imaging With Optical Coherence Tomography. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2106-2109	5	2
23	Pulmonary hypertension in patients undergoing transcatheter aortic valve replacement: discussion of the current evidence. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8, e002253	6	2
22	Necrotizing skin ulceration in antibiotic-induced agranulocytosis. <i>Mayo Clinic Proceedings</i> , 2006 , 81, 1527-4	6.4	2
21	Identification of Subclinical Myocardial Dysfunction and Association with Survival after Transcatheter Mitral Valve Repair. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1474-1480	5.8	2
20	Point-of-care ultrasound: Closing guideline gaps in screening for valvular heart disease. <i>Clinical Cardiology</i> , 2020 , 43, 1368-1375	3.3	2
19	Transcatheter closure of an aorto-right ventricular fistula after TAVR. <i>Cardiovascular Intervention and Therapeutics</i> , 2019 , 34, 290-292	2.5	2

18	Impact of the Commercial Introduction of Transcatheter Mitral Valve Repair on Mitral Surgical Practice. <i>Journal of the American Heart Association</i> , 2020 , 9, e014874	6	2
17	Transcatheter aortic valve replacement in patients with severe comorbidities: A retrospective cohort study. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E253-E262	2.7	2
16	Clinical and Economic Outcomes of the Minimalist Approach for Transcatheter Aortic Valve Replacement. <i>Structural Heart</i> , 2019 , 3, 138-143	0.6	1
15	Association of baseline and change in global longitudinal strain by computed tomography with post-transcatheter aortic valve replacement outcomes. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 ,	4.1	1
14	Percutaneous Treatment of Mitral Regurgitation: Present and Future. <i>Journal of the Minneapolis Heart Institute Foundation</i> , 2017 , 1, 113-123		1
13	Cardiac Amyloidosis is Underdiagnosed in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Structural Heart</i> , 2020 , 4, 512-514	0.6	1
12	Anticoagulation in Patients with Aortic Stenosis and Atrial Fibrillation. <i>Structural Heart</i> , 2020 , 4, 360-368	0.6	1
11	Challenges of Left Atrial Appendage Occlusion Using a Watchman After Transcatheter Mitral Valve Implantation With a Tendyne. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1720-1722	5	1
10	Invasive versus non-invasive assessment of valvuloarterial impedance in severe aortic stenosis. <i>Open Heart</i> , 2020 , 7,	3	1
9	Challenges and outcomes of the double kissing crush stenting technique: Insights from the PROGRESS-BIFURCATION registry.. <i>Catheterization and Cardiovascular Interventions</i> , 2022 ,	2.7	1
8	Relation of Guideline Adherence to Outcomes in Patients With Asymptomatic Severe Primary Mitral Regurgitation. <i>American Journal of Cardiology</i> , 2021 , 155, 113-120	3	0
7	Prosthesis-patient mismatch defined by cardiac computed tomography versus echocardiography after transcatheter aortic valve replacement. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 403-411	2.8	0
6	Simultaneous deployment of multiple device occluders and the anchor wire technique for a treatment of paravalvular defect of a surgical mitral ring. <i>Cardiovascular Intervention and Therapeutics</i> , 2019 , 34, 191-193	2.5	
5	Cardiac shunt calculations made easy: A case based approach. <i>Catheterization and Cardiovascular Interventions</i> , 2011 , 77, 461-461	2.7	
4	Transcatheter mitral valve replacement 2020 , 463-481		
3	"Commissural drop" wiring technique facilitates catheter crossing of severely stenotic aortic valve. <i>Chinese Medical Journal</i> , 2020 , 134, 245-246	2.9	
2	Periprocedural Antithrombotic Therapy: A Practical Guide for Clinical Practice. <i>Journal of the Minneapolis Heart Institute Foundation</i> , 2017 , 1, 24-29		
1	Computed Tomography Planning for Transcatheter Mitral Valve Replacement. <i>Structural Heart</i> , 2022 , 6, 100012	0.6	

