Mario GÃ¶ssl

List of Publications by Year
in descending order

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120	3,470	147566	161609
papers	citations	31 h-index	54 g-index

122	122	122	4958
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adoptability and accuracy of <scp>pointâ€ofâ€care</scp> ultrasound in screening for valvular heart disease in the primary care setting. Journal of Clinical Ultrasound, 2022, 50, 265-270.	0.4	3
2	Association of baseline and change in global longitudinal strain by computed tomography with post-transcatheter aortic valve replacement outcomes. European Heart Journal Cardiovascular Imaging, 2022, 23, 476-484.	0.5	8
3	Right ventricular dysfunction by computed tomography associates with outcomes in severe aortic stenosis patients undergoing transcatheter aortic valve replacement. Journal of Cardiovascular Computed Tomography, 2022, 16, 158-165.	0.7	6
4	Challenges and outcomes of the double kissing crush stenting technique: Insights from the PROGRESSâ€BIFURCATION registry. Catheterization and Cardiovascular Interventions, 2022, 99, 1038-1044.	0.7	6
5	Clinical Outcomes of Mitral Valve Disease With Mitral Annular Calcification. American Journal of Cardiology, 2022, 174, 107-113.	0.7	5
6	Computed Tomography Planning for Transcatheter Mitral Valve Replacement. Structural Heart, 2022, 6, 100012.	0.2	0
7	Transcatheter closure of periprosthetic leaks. Progress in Cardiovascular Diseases, 2022, 72, 96-101.	1.6	1
8	Temporal changes in patient characteristics and outcomes in STâ€segment elevation myocardial infarction 2003â€“2018. Catheterization and Cardiovascular Interventions, 2021, 97, 1109-1117.	0.7	18
9	Transcatheter aortic valve replacement in patients with severe comorbidities: A retrospective cohort study. Catheterization and Cardiovascular Interventions, 2021, 97, E253-E262.	0.7	4
10	Natural history observations in moderate aortic stenosis. BMC Cardiovascular Disorders, 2021, 21, 108.	0.7	17
11	Relation of Guideline Adherence to Outcomes in Patients With Asymptomatic Severe Primary Mitral Regurgitation. American Journal of Cardiology, 2021, 155, 113-120.	0.7	1
12	Possible Association Between COVID-19ÂVaccine and Myocarditis. JACC: Cardiovascular Imaging, 2021, 14, 1856-1861.	2.3	49
13	Prosthesis-patient mismatch defined by cardiac computed tomography versus echocardiography after transcatheter aortic valve replacement. Journal of Cardiovascular Computed Tomography, 2021, 15, 403-411.	0.7	10
14	â€œCommissural dropâ€•wiring technique facilitates catheter crossing of severely stenotic aortic valve. Chinese Medical Journal, 2021, 134, 245-246.	0.9	1
15	Left Ventricular Remodeling After Transcatheter Mitral Valve Replacement With Tendyne. JACC: Cardiovascular Interventions, 2020, 13, 2038-2048.	1.1	20
16	Identification of Subclinical Myocardial Dysfunction and Association with Survival after Transcatheter Mitral Valve Repair. Journal of the American Society of Echocardiography, 2020, 33, 1474-1480.	1.2	4
17	Cardiac Amyloidosis is Underdiagnosed in Patients Undergoing Transcatheter Aortic Valve Replacement. Structural Heart, 2020, 4, 512-514.	0.2	1
18	Anticoagulation in Patients with Aortic Stenosis and Atrial Fibrillation. Structural Heart, 2020, 4, 360-368.	0.2	1

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19	Valvular Heart Diseases Surveillance: A Commanding Necessity. Mayo Clinic Proceedings, 2020, 95, 2585-2588.	1.4	0
20	<scp>Pointâ€ofâ€care</scp> ultrasound: Closing guideline gaps in screening for valvular heart disease. Clinical Cardiology, 2020, 43, 1368-1375.	0.7	12
21	Challenges of Left Atrial Appendage Occlusion Using a Watchman After Transcatheter Mitral Valve Implantation With a Tendyne. JACC: Cardiovascular Interventions, 2020, 13, 1720-1722.	1.1	2
22	Neo-Left Ventricular Outflow Tract Modification With Alcohol Septal Ablation Before Tendyne Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 2078-2080.	1.1	6
23	Invasive versus non-invasive assessment of valvuloarterial impedance in severe aortic stenosis. Open Heart, 2020, 7, e001240.	0.9	2
24	Ischemic Stroke With Cerebral Protection System During Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 2149-2155.	1.1	39
25	Changes in quality of life in patients with lowâ€flow aortic stenosis undergoing transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2020, 96, 972-978.	0.7	10
26	Impact of the Commercial Introduction of Transcatheter Mitral Valve Repair on Mitral Surgical Practice. Journal of the American Heart Association, 2020, 9, e014874.	1.6	3
27	Clinical Characteristics and OutcomesÂofÂSTEMI Patients With Cardiogenic Shock and Cardiac Arrest. JACC: Cardiovascular Interventions, 2020, 13, 1211-1219.	1.1	56
28	Transcatheter mitral valve replacement. , 2020, , 463-481.		0
29	Prevalence, Trends, and Outcomes of Higher-Risk Percutaneous Coronary Interventions Among Patients Without Acute Coronary Syndromes. Cardiovascular Revascularization Medicine, 2019, 20, 289-292.	0.3	9
30	Use of routinely captured echocardiographic data in the diagnosis of severe aortic stenosis. Heart, 2019, 105, 112-116.	1.2	26
31	Simultaneous deployment of multiple device occluders and the anchor wire technique for a treatment of paravalvular defect of a surgical mitral ring. Cardiovascular Intervention and Therapeutics, 2019, 34, 191-193.	1.2	0
32	Transcatheter Mitral Valve Repair of Recurrent Mitral Regurgitation Following Mitral Surgery. JACC: Cardiovascular Interventions, 2019, 12, 1395-1397.	1.1	2
33	Transcatheter Mitral Valve Replacement with Tendyne. Interventional Cardiology Clinics, 2019, 8, 295-300.	0.2	12
34	Transcatheter repair of tricuspid regurgitation with MitraClip. Progress in Cardiovascular Diseases, 2019, 62, 488-492.	1.6	9
35	Finding the Culprit. JACC: Cardiovascular Interventions, 2019, 12, 2106-2109.	1.1	3
36	Chronic kidney disease and valvular heart disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2019, 96, 836-849.	2.6	80

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37	Novel Transcatheter Mitral Valve Prosthesis for Patients With Severe Mitral Annular Calcification. Journal of the American College of Cardiology, 2019, 74, 1431-1440.	1.2	70
38	Chronic Kidney Disease and CoronaryÂArtery Disease. Journal of the American College of Cardiology, 2019, 74, 1823-1838.	1.2	403
39	Coronary revascularization and use of hemodynamic support in acute coronary syndromes. Hellenic Journal of Cardiology, 2019, 60, 165-170.	0.4	4
40	Causes and Clinical Outcomes of Patients Who Are Ineligible for Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Interventions, 2019, 12, 196-204.	1.1	30
41	Computed Tomographic Angiography-Derived Risk Factors for Vascular Complications in Percutaneous Transfemoral Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2019, 124, 98-104.	0.7	10
42	Clinical and Economic Outcomes of the Minimalist Approach for Transcatheter Aortic Valve Replacement. Structural Heart, 2019, 3, 138-143.	0.2	4
43	The Need for Transcatheter Mitral ValveÂReplacement. Journal of the American College of Cardiology, 2019, 73, 1247-1249.	1.2	10
44	Complementary Transcatheter Therapy for Mitral Regurgitation. Journal of the American College of Cardiology, 2019, 73, 1103-1104.	1.2	12
45	Outcomes after pacemaker implantation in patients with new-onset left bundle-branch block after transcatheter aortic valve replacement. American Heart Journal, 2019, 218, 128-132.	1.2	3
46	MY APPROACH to patients with asymptomatic aortic stenosis (with normal left ventricular ejection) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	0
47	Prospective Evaluation for Hypoattenuated Leaflet Thickening Following Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2019, 123, 658-666.	0.7	29
48	Incidence, predictors, management and outcomes of coronary perforations. Catheterization and Cardiovascular Interventions, 2019, 93, 48-56.	0.7	41
49	Transcatheter closure of an aortoâ€“right ventricular fistula after TAVR. Cardiovascular Intervention and Therapeutics, 2019, 34, 290-292.	1.2	3
50	Impact of sleep deprivation on the outcomes of percutaneous coronary intervention. Catheterization and Cardiovascular Interventions, 2018, 92, 1118-1125.	0.7	4
51	Maneuvers for technical success with transcatheter mitral valve repair. Catheterization and Cardiovascular Interventions, 2018, 92, 617-626.	0.7	7
52	Quantifying the Costs of Transcatheter Aortic Valve Replacement Hesitancy. Journal of the American Heart Association, 2018, 7, e010610.	1.6	1
53	MitraClip patient selection: inclusion and exclusion criteria for optimal outcomes. Annals of Cardiothoracic Surgery, 2018, 7, 771-775.	0.6	14
54	Transcatheter Closure of Complex Ascending Aortic Pseudoaneurysms After Cardiac Surgery. Circulation: Cardiovascular Interventions, 2018, 11, e007052.	1.4	7

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55	Contemporary Reasons and Clinical Outcomes for Patients With Severe, Symptomatic Aortic Stenosis Not Undergoing Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2018, 11, e007220.	1.4	26
56	Expecting the unexpected: preventing and managing the consequences of coronary perforations. Expert Review of Cardiovascular Therapy, 2018, 16, 805-814.	0.6	6
57	Impact of Transcatheter Mitral Valve Repair on Left Ventricular Remodeling in Secondary Mitral Regurgitation: A Meta-Analysis. Structural Heart, 2018, 2, 541-547.	0.2	5
58	Metaâ€analysis of the impact of successful chronic total occlusion percutaneous coronary intervention on left ventricular systolic function and reverse remodeling. Journal of Interventional Cardiology, 2018, 31, 562-571.	0.5	47
59	Transcatheter Aortic Valve ReplacementÂVersus Surgical AorticÂValve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 2217-2219.	1.1	0
60	Waiting to Exhale. Circulation: Cardiovascular Interventions, 2018, 11, e006749.	1.4	1
61	Current Status of Catheter-Based Treatment of Mitral Valve Regurgitation. Current Cardiology Reports, 2017, 19, 38.	1.3	6
62	Association of Guideline Adherence for Serial Evaluations With Survival and Adverse Clinical Events in Patients With Asymptomatic Severe Aortic Stenosis. JAMA Cardiology, 2017, 2, 1141.	3.0	10
63	Contemporary Arterial Access in the Cardiac Catheterization Laboratory. JACC: Cardiovascular Interventions, 2017, 10, 2233-2241.	1.1	82
64	Severe Mitral Annular Calcification. JACC: Cardiovascular Interventions, 2017, 10, 1178-1179.	1.1	21
65	Percutaneous Treatment of Mitral Regurgitation: Present and Future. Journal of the Minneapolis Heart Institute Foundation, 2017, 1, 113-123.	0.0	1
66	Periprocedural Antithrombotic Therapy: A Practical Guide for Clinical Practice. Journal of the Minneapolis Heart Institute Foundation, 2017, 1, 24-29.	0.0	0
67	Where Are the Boundaries for Transcatheter Valve Therapy?. JACC: Cardiovascular Interventions, 2016, 9, 1372-1373.	1.1	0
68	Prospective Evaluation of the Eyeball Test for Assessing Frailty in Patients With Valvular Heart Disease. Journal of the American College of Cardiology, 2016, 68, 2911-2912.	1.2	22
69	Pulmonary Hypertension in Patients Undergoing Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2015, 8, e002253.	1.4	4
70	Osteogenic monocytes within the coronary circulation and their association with plaque vulnerability in patients with early atherosclerosis. International Journal of Cardiology, 2015, 181, 57-64.	0.8	28
71	Coronary microvascular endothelial dysfunction is an independent predictor of development of osteoporosis in postmenopausal women. Vascular Health and Risk Management, 2014, 10, 533.	1.0	31
72	Failing left ventricle to ascending aorta conduitâ€"Hybrid implantation of a melody valve and NuMed covered stent. Catheterization and Cardiovascular Interventions, 2014, 83, 778-781.	0.7	5

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73	Accelerated Coronary Plaque Progression and Endothelial Dysfunction. JACC: Cardiovascular Imaging, 2014, 7, 103-104.	2.3	20
74	Left Main Coronary Artery Protection During Transcatheter Aortic Valve Deployment. Journal of the American College of Cardiology, 2014, 63, 1583.	1.2	5
75	Percutaneous Treatment of Aortic and Mitral Valve Paravalvular Regurgitation. Current Cardiology Reports, 2013, 15, 388.	1.3	19
76	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
77	Assessment of Individual Operator Performance Using a Risk-Adjustment Model for Percutaneous Coronary Interventions. Mayo Clinic Proceedings, 2013, 88, 1250-1258.	1.4	9
78	An Update on Transcatheter Aortic Valve Replacement. Current Problems in Cardiology, 2013, 38, 245-283.	1.1	4
79	Effects of Bisphosphonate Treatment on Circulating Osteogenic Endothelial Progenitor Cells in Postmenopausal Women. Mayo Clinic Proceedings, 2013, 88, 46-55.	1.4	31
80	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. Catheterization and Cardiovascular Interventions, 2013, 81, 930-936.	0.7	64
81	Inflammatory and injury signals released from the post-stenotic human kidney. European Heart Journal, 2013, 34, 540-548.	1.0	88
82	Renin inhibition with aliskiren lowers circulating endothelial progenitor cells in patients with early atherosclerosis. Journal of Hypertension, 2013, 31, 632-635.	0.3	7
83	Patients with an HbA1c in the Prediabetic and Diabetic Range Have Higher Numbers of Circulating Cells with Osteogenic and Endothelial Progenitor Cell Markers. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 4761-4768.	1.8	34
84	Don't neglect the octogenariansâ€"DES for everyone!?. Nature Reviews Cardiology, 2012, 9, 189-190.	6.1	1
85	Osteocalcin positive CD133+/CD34-/KDR+ progenitor cells as an independent marker for unstable atherosclerosis. European Heart Journal, 2012, 33, 2963-2969.	1.0	71
86	Complete Versus Incomplete Revascularization With Coronary Artery Bypass Graft or Percutaneous Intervention in Stable Coronary Artery Disease. Circulation: Cardiovascular Interventions, 2012, 5, 597-604.	1.4	91
87	Role of Circulating Osteogenic Progenitor Cells in Calcific Aortic Stenosis. Journal of the American College of Cardiology, 2012, 60, 1945-1953.	1.2	64
88	Cardiac shunt calculations made easy-A case based approach. Catheterization and Cardiovascular Interventions, 2011, 77, 461-461.	0.7	0
89	Relationship between surface area of nonperfused myocardium and extravascular extraction of contrast agent following coronary microembolization. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R430-R437.	0.9	5
90	Cardiac shunt calculations made easy: A caseâ€based approach. Catheterization and Cardiovascular Interventions, 2010, 76, 137-142.	0.7	12

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91	Imatinib ameliorates fibrosis in uraemic cardiac disease in BALB/c without improving cardiac function. Nephrology Dialysis Transplantation, 2010, 25, 1817-1824.	0.4	8
92	Coronary endothelial dysfunction in humans is associated with coronary retention of osteogenic endothelial progenitor cells. European Heart Journal, 2010, 31, 2909-2914.	1.0	69
93	Segmental Heterogeneity of Vasa Vasorum Neovascularization in Human Coronary Atherosclerosis. JACC: Cardiovascular Imaging, 2010, 3, 32-40.	2.3	76
94	Expression of lipoprotein-associated phospholipase A2 in carotid artery plaques predicts long-term cardiac outcome. European Heart Journal, 2009, 30, 2930-2938.	1.0	50
95	Prevention of vasa vasorum neovascularization attenuates early neointima formation in experimental hypercholesterolemia. Basic Research in Cardiology, 2009, 104, 695-706.	2.5	61
96	Osteocalcin Expression by Circulating Endothelial Progenitor Cells in Patients With Coronary Atherosclerosis. Journal of the American College of Cardiology, 2008, 52, 1314-1325.	1.2	155
97	Differential distribution of vasa vasorum in different vascular beds in humans. Atherosclerosis, 2008, 199, 47-54.	0.4	47
98	Enhanced Expression of Lp-PLA ₂ and Lysophosphatidylcholine in Symptomatic Carotid Atherosclerotic Plaques. Stroke, 2008, 39, 1448-1455.	1.0	156
99	Impaired myocardial perfusion reserve in experimental hypercholesterolemia is independent of myocardial neovascularization. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2449-H2458.	1.5	11
100	Frontiers in Nephrology. Journal of the American Society of Nephrology: JASN, 2007, 18, 2836-2842.	3.0	5
101	Hypertension and Hypercholesterolemia Differentially Affect the Function and Structure of Pig Carotid Artery. Hypertension, 2007, 50, 1063-1068.	1.3	19
102	Increased spatial vasa vasorum density in the proximal LAD in hypercholesterolemiaâ€”Implications for vulnerable plaque-development. Atherosclerosis, 2007, 192, 246-252.	0.4	61
103	Vulnerable Plaque: Detection and Management. Medical Clinics of North America, 2007, 91, 573-601.	1.1	17
104	Remodeling Index Compared to Actual Vascular Remodeling in Atherosclerotic Left Main Coronary Arteries as Assessed With Long-Term (â‰¥12 Months) Serial Intravascular Ultrasound. Journal of the American College of Cardiology, 2006, 47, 1363-1368.	1.2	28
105	Necrotizing Skin Ulceration in Antibiotic-Induced Agranulocytosis. Mayo Clinic Proceedings, 2006, 81, 1527.	1.4	4
106	Dysregulation of the Ubiquitin-Proteasome System in Human Carotid Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2132-2139.	1.1	110
107	Rethinking Primary Prevention of Atherosclerosis-Related Diseases. Circulation, 2006, 114, 2517-2527.	1.6	88
108	Review â€“ 3D Micro CT Imaging of Renal Micro-Structural Changes. Nephron Clinical Practice, 2006, 103, c66-c70.	2.3	6

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109	Laser Doppler imager (LDI) scanner and intradermal injection for in vivo pharmacology in human skin microcirculation: responses to acetylcholine, endothelin-1 and their repeatability. British Journal of Clinical Pharmacology, 2005, 59, 511-519.	1.1	33
110	Relationship Between Cardiovascular Risk as Predicted by Established Risk Scores Versus Plaque Progression as Measured by Serial Intravascular Ultrasound in Left Main Coronary Arteries. Circulation, 2004, 110, 1579-1585.	1.6	140
111	Relation of Nonperfused Myocardial Volume and Surface Area to Left Ventricular Performance in Coronary Microembolization. Circulation, 2004, 110, 1946-1952.	1.6	15
112	Role of vasa vasorum in transendothelial solute transport in the coronary vessel wall: a study with cryostatic micro-CT. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H2346-H2351.	1.5	35
113	Spectrum of remodeling behavior observed with serial Long-Term (â‰¥12 months) Follow-Up intravascular ultrasound studies in left main coronary arteries. American Journal of Cardiology, 2004, 93, 1107-1113.	0.7	33
114	Vasa vasorum growth in the coronary arteries of newborn pigs. Anatomy and Embryology, 2004, 208, 351-7.	1.5	25
115	Endothelin-B-receptor-selective antagonist inhibits endothelin-1 induced potentiation on the vasoconstriction to noradrenaline and angiotensin II. Journal of Hypertension, 2004, 22, 1909-1916.	0.3	12
116	Relationship between arterial diameter and perfused tissue volume in myocardial microcirculation: a micro-CT-based analysis. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H2386-H2392.	1.5	29
117	Volumetric assessment of ulcerated ruptured coronary plaques with three-dimensional intravascular ultrasound in vivo. American Journal of Cardiology, 2003, 91, 992-996.	0.7	24
118	Functional anatomy and hemodynamic characteristics of vasa vasorum in the walls of porcine coronary arteries. , 2003, 272A, 526-537.		122
119	Effect of the C825T polymorphism of the G protein Î²3 subunit on the systolic blood pressureâ€“lowering effect of clonidine in young, healthy male subjects. Clinical Pharmacology and Therapeutics, 2003, 74, 53-60.	2.3	44
120	The nitric oxide synthase inhibitor L-NMMA potentiates noradrenaline-induced vasoconstriction: effects of the alpha2-receptor antagonist yohimbine. Journal of Hypertension, 2001, 19, 907-911.	0.3	28