

Steffen Desch

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

3,543
citations

249298

26
h-index

162838

57
g-index

82
all docs

82
docs citations

82
times ranked

4772
citing authors

#	ARTICLE	IF	CITATIONS
1	Manta versus Perclose ProGlide vascular closure device after transcatheter aortic valve implantation: Initial experience from a large European center. <i>Cardiovascular Revascularization Medicine</i> , 2022, 37, 34-40.	0.3	24
2	Comparison of a Pure Plug-Based Versus a Primary Suture-Based Vascular Closure Device Strategy for Transfemoral Transcatheter Aortic Valve Replacement: The CHOICE-CLOSURE Randomized Clinical Trial. <i>Circulation</i> , 2022, 145, 170-183.	1.6	54
3	Combined cCTA and TAVR Planning for Ruling Out Significant CAD. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 476-486.	2.3	24
4	Prognostic relevance of peri-infarct zone measured by cardiovascular magnetic resonance in patients with ST-segment elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2022, 347, 83-88.	0.8	8
5	Balloon-assisted injection of fibrin sealant for the treatment of postintervention access-site bleeding complications. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1327-1334.	0.7	3
6	Extracorporeal Membrane Oxygenation in Infarct-Related Cardiogenic Shock. <i>Journal of Clinical Medicine</i> , 2022, 11, 1256.	1.0	5
7	Combined Coronary CT-Angiography and TAVI Planning: Utility of CT-FFR in Patients with Morphologically Ruled-Out Obstructive Coronary Artery Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 1331.	1.0	5
8	Risk Assessment of Coronary Obstruction During Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 496-507.	1.1	8
9	Changes in left atrial function in patients undergoing cardioversion for atrial fibrillation: relevance of left atrial strain in heart failure. <i>Clinical Research in Cardiology</i> , 2022, 111, 1028-1039.	1.5	6
10	Challenges in the conduct of randomised controlled trials in cardiogenic shock complicating acute myocardial infarction.. <i>Journal of Geriatric Cardiology</i> , 2022, 19, 125-129.	0.2	1
11	Assessment of arterial stiffness to predict blood pressure response to renal sympathetic denervation. <i>EuroIntervention</i> , 2022, 18, e686-e694.	1.4	7
12	Functional and prognostic implications of cardiac magnetic resonance feature tracking-derived remote myocardial strain analyses in patients following acute myocardial infarction. <i>Clinical Research in Cardiology</i> , 2021, 110, 270-280.	1.5	12
13	Frequency and prognostic impact of right ventricular involvement in acute myocardial infarction. <i>Heart</i> , 2021, 107, 563-570.	1.2	6
14	Management of dead space thrombosis during decannulation of peripherally inserted venoarterial extracorporeal membrane oxygenation. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E122-E123.	0.7	6
15	Renal Sympathetic Denervation in Patients With Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2021, 14, e007421.	1.6	39
16	Angiography after Out-of-Hospital Cardiac Arrest without ST-Segment Elevation. <i>New England Journal of Medicine</i> , 2021, 385, 2544-2553.	13.9	197
17	Comparison of risk prediction models in infarct-related cardiogenic shock. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 890-897.	0.4	11
18	Temporary mechanical circulatory support in cardiogenic shock. <i>Progress in Cardiovascular Diseases</i> , 2021, 69, 35-46.	1.6	10

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19	Determinants and prognostic value of cardiac magnetic resonance imaging-derived infarct characteristics in non-ST-elevation myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 67-76.	0.5	5
20	Arterial Lactate in Cardiogenic Shock. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2208-2216.	1.1	61
21	Effects of ON-Hours Versus OFF-Hours Admission on Outcome in Patients With Myocardial Infarction and Cardiogenic Shock. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e009562.	1.4	5
22	Stroke rates after transcatheter aortic valve replacement: does valve choice play a role?. <i>European Heart Journal</i> , 2020, 41, 4362-4362.	1.0	2
23	Multivessel vs. culprit-lesion only percutaneous coronary intervention in ST-elevation myocardial infarction. <i>Herz</i> , 2020, 45, 542-547.	0.4	0
24	Epidemiology, pathophysiology and contemporary management of cardiogenic shock – A position statement from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2020, 22, 1315-1341.	2.9	244
25	Revascularization in cardiogenic shock. <i>Herz</i> , 2020, 45, 537-541.	0.4	2
26	Combined Coronary CT-Angiography and TAVI-Planning: A Contrast-Neutral Routine Approach for Ruling-Out Significant Coronary Artery Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 1623.	1.0	24
27	Clinical characteristics, diagnosis, and risk stratification of pulmonary hypertension in severe tricuspid regurgitation and implications for transcatheter tricuspid valve repair. <i>European Heart Journal</i> , 2020, 41, 2785-2795.	1.0	117
28	Impact of Morphine Treatment on Infarct Size and Reperfusion Injury in Acute Reperfused ST-Elevation Myocardial Infarction. <i>Journal of Clinical Medicine</i> , 2020, 9, 735.	1.0	14
29	Selenoprotein P in Myocardial Infarction With Cardiogenic Shock. <i>Shock</i> , 2020, 53, 58-62.	1.0	8
30	Coronary collaterals in patients with ST-elevation myocardial infarction presenting late after symptom onset. <i>Clinical Research in Cardiology</i> , 2020, 109, 1307-1315.	1.5	4
31	Prognostic Impact of Active Mechanical Circulatory Support in Cardiogenic Shock Complicating Acute Myocardial Infarction, Results from the Culprit-Shock Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 1976.	1.0	9
32	Long-term outcome after thrombus aspiration in non-ST-elevation myocardial infarction: results from the TATORT-NSTEMI trial. <i>Clinical Research in Cardiology</i> , 2020, 109, 1223-1231.	1.5	5
33	Nutritional status in tricuspid regurgitation: implications of transcatheter repair. <i>European Journal of Heart Failure</i> , 2020, 22, 1826-1836.	2.9	28
34	Outcomes Associated with Respiratory Failure for Patients with Cardiogenic Shock and Acute Myocardial Infarction: A Substudy of the CULPRIT-SHOCK Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 860.	1.0	8
35	Multivessel versus culprit-only PCI in STEMI patients with multivessel disease: meta-analysis of randomized controlled trials. <i>Clinical Research in Cardiology</i> , 2020, 109, 1381-1391.	1.5	12
36	Frequency and Impact of Bleeding on Outcome in Patients With Cardiogenic Shock. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1182-1193.	1.1	41

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37	Renal Denervation in Isolated Systolic Hypertension Using Different Catheter Techniques and Technologies. <i>Hypertension</i> , 2019, 74, 341-348.	1.3	21
38	Physiological and Clinical Consequences of Right Ventricular Volume Overload Reduction After Transcatheter Treatment for Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1423-1434.	1.1	73
39	Management of cardiogenic shock complicating myocardial infarction: an update 2019. <i>European Heart Journal</i> , 2019, 40, 2671-2683.	1.0	379
40	Prognostic Impact of Atrial Fibrillation in Acute Myocardial Infarction and Cardiogenic Shock. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007661.	1.4	18
41	Letter commenting on: Outcomes of multivessel vs culprit lesion-only percutaneous coronary intervention in patients with acute myocardial infarction complicated by cardiogenic shock: Evidence from an updated meta-analysis (Kundu et al. <i>Catheter Cardiovasc Interv.</i> 2018 Dec 28. [epub ahead of] Tj ETQq1 1 0.784314 rgBT /Ov	0.7	0
42	Thrombus aspiration in patients with ST-elevation myocardial infarction presenting late after symptom onset: long-term clinical outcome of a randomized trial. <i>Clinical Research in Cardiology</i> , 2019, 108, 1208-1214.	1.5	10
43	Impact of smoking on cardiac magnetic resonance infarct characteristics and clinical outcome in patients with non-ST-elevation myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1079-1087.	0.7	3
44	Syndecan-1 Predicts Outcome in Patients with ST-Segment Elevation Infarction Independent from Infarct-related Myocardial Injury. <i>Scientific Reports</i> , 2019, 9, 18367.	1.6	27
45	Revascularization strategies in cardiogenic shock after acute myocardial infarction. <i>Current Opinion in Critical Care</i> , 2019, 25, 379-383.	1.6	6
46	Immediate unselected coronary angiography versus delayed triage in survivors of out-of-hospital cardiac arrest without ST-segment elevation: Design and rationale of the TOMAHAWK trial. <i>American Heart Journal</i> , 2019, 209, 20-28.	1.2	28
47	A Three-Arm Randomized Trial of Different Renal Denervation Devices and Techniques in Patients With Resistant Hypertension (RADIOSOUND-HTN). <i>Circulation</i> , 2019, 139, 590-600.	1.6	128
48	Impact of a novel contrast reduction system on contrast savings in coronary angiography â€” The DyeVert randomised controlled trial. <i>International Journal of Cardiology</i> , 2018, 257, 50-53.	0.8	27
49	Impact of Atrial Fibrillation During ST-Segmentâ€”Elevation Myocardial Infarction on Infarct Characteristics and Prognosis. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e006955.	1.3	21
50	Revision: prognostic impact of baseline glucose levels in acute myocardial infarction complicated by cardiogenic shockâ€”a substudy of the IABP-SHOCK II-trial. <i>Clinical Research in Cardiology</i> , 2018, 107, 517-523.	1.5	17
51	Cardiac magnetic resonance assessment of central and peripheral vascular function in patients undergoing renal sympathetic denervation as predictor for blood pressure response. <i>Clinical Research in Cardiology</i> , 2018, 107, 945-955.	1.5	15
52	Impact of chronic total occlusion in a non-infarct-related coronary artery on myocardial injury assessed by cardiac magnetic resonance imaging and prognosis in ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2018, 265, 251-255.	0.8	14
53	Significance of an additional unenhanced scan in computed tomography angiography of patients with suspected acute aortic syndrome. <i>World Journal of Radiology</i> , 2018, 10, 150-161.	0.5	2
54	Long-term excess mortality in takotsubo cardiomyopathy: predictors, causes and clinical consequences. <i>European Journal of Heart Failure</i> , 2016, 18, 650-656.	2.9	189

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55	QRS complex distortion (Grade 3 ischaemia) as a predictor of myocardial damage assessed by cardiac magnetic resonance imaging and clinical prognosis in patients with ST-elevation myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 194-202.	0.5	19
56	Randomized Sham-Controlled Trial of Renal Sympathetic Denervation in Mild Resistant Hypertension. <i>Hypertension</i> , 2015, 65, 1202-1208.	1.3	186
57	Comparison of Sirolimus-Eluting Stenting With Minimally Invasive Bypass Surgery for Stenosis of the Left Anterior Descending Coronary Artery. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 30-38.	1.1	72
58	ECG pitfall: anterior myocardial infarction in dextrocardia. <i>European Heart Journal</i> , 2014, 35, 1887-1887.	1.0	9
59	Outcome in Patients With Left-Sided Native-Valve Infective Endocarditis and Isolated Large Vegetations. <i>Clinical Cardiology</i> , 2014, 37, 626-633.	0.7	18
60	Management of acute myocardial infarction – Authors' reply. <i>Lancet, The</i> , 2014, 383, 410-411.	6.3	0
61	Intra-aortic balloon counterpulsation – Basic principles and clinical evidence. <i>Vascular Pharmacology</i> , 2014, 60, 52-56.	1.0	30
62	Comprehensive Prognosis Assessment by CMR Imaging After ST-Segment Elevation Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1217-1226.	1.2	314
63	Effect of Aspiration Thrombectomy on Microvascular Obstruction in NSTEMI Patients. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1117-1124.	1.2	75
64	Reprint of “Intra-aortic balloon counterpulsation – Basic principles and clinical evidence”. <i>Vascular Pharmacology</i> , 2014, 61, 30-34.	1.0	3
65	Impact of Long-Term Statin Pretreatment on Myocardial Damage in ST Elevation Myocardial Infarction (from the AIDA STEMI CMR Substudy). <i>American Journal of Cardiology</i> , 2014, 114, 503-509.	0.7	11
66	Intracoronary Versus Intravenous Abciximab Bolus in Patients With ST-Segment Elevation Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1214-1215.	1.2	28
67	Polymer-free Sirolimus-eluting Versus Polymer-based Paclitaxel-eluting Stents: An Individual Patient Data Analysis of Randomized Trials. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2013, 66, 435-442.	0.4	2
68	Stents liberadores de rapamicina sin pol�mero frente a stents liberadores de paclitaxel con pol�mero: un an�lisis de datos de pacientes procedentes de ensayos aleatorizados. <i>Revista Espanola De Cardiologia</i> , 2013, 66, 435-442.	0.6	11
69	Intracoronary versus intravenous bolus abciximab during primary percutaneous coronary intervention in patients with acute ST-elevation myocardial infarction: a randomised trial. <i>Lancet, The</i> , 2012, 379, 923-931.	6.3	199
70	Reliability of myocardial salvage assessment by cardiac magnetic resonance imaging in acute reperfused myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 263-272.	0.7	49
71	Platelet inhibition and GP IIb/IIIa receptor occupancy by intracoronary versus intravenous bolus administration of abciximab in patients with ST-elevation myocardial infarction. <i>Clinical Research in Cardiology</i> , 2012, 101, 117-124.	1.5	42
72	Measuring Treatment Effects in Clinical Trials Using Cardiac MRI. <i>Current Cardiovascular Imaging Reports</i> , 2011, 4, 98-107.	0.4	4

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73	Cardiac magnetic resonance imaging parameters as surrogate endpoints in clinical trials of acute myocardial infarction. <i>Trials</i> , 2011, 12, 204.	0.7	49
74	Randomized Comparison of a Polymer-Free Sirolimus-Eluting Stent Versus a Polymer-Based Paclitaxel-Eluting Stent in Patients With Diabetes Mellitus. <i>JACC: Cardiovascular Interventions</i> , 2011, 4, 452-459.	1.1	30
75	Prevalence and clinical impact of left coronary dominance in patients with aortic stenosis. <i>Journal of Heart Valve Disease</i> , 2011, 20, 23-8.	0.5	1
76	Effect of Coronary Collaterals on Long-Term Prognosis in Patients Undergoing Primary Angioplasty for Acute ST-Elevation Myocardial Infarction. <i>American Journal of Cardiology</i> , 2010, 106, 605-611.	0.7	40
77	Effect of Cocoa Products on Blood Pressure: Systematic Review and Meta-Analysis. <i>American Journal of Hypertension</i> , 2010, 23, 97-103.	1.0	233
78	Low vs. Higher-Dose Dark Chocolate and Blood Pressure in Cardiovascular High-Risk Patients. <i>American Journal of Hypertension</i> , 2010, 23, 694-700.	1.0	67
79	Timing of invasive treatment after fibrinolysis in ST elevation myocardial infarction - a meta-analysis of immediate or early routine versus deferred or ischemia-guided randomised controlled trials. <i>Heart</i> , 2010, 96, 1695-1702.	1.2	21
80	Effect of Coronary Collaterals on Microvascular Obstruction as Assessed by Magnetic Resonance Imaging in Patients With Acute ST-Elevation Myocardial Infarction Treated by Primary Coronary Intervention. <i>American Journal of Cardiology</i> , 2009, 104, 1204-1209.	0.7	35
81	The clinical significance of ischaemic changes on the post-resuscitation electrocardiogram. <i>European Heart Journal: Acute Cardiovascular Care</i> , 0, , .	0.4	0