# Steffen Desch

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3041671/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 81 papers | 3,543 citations | 218662 26 h-index | 144002 57 g-index |
| 82 all docs | 82 docs citations | 82 times ranked | 4472 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Management of cardiogenic shock complicating myocardial infarction: an update 2019. European Heart Journal, 2019, 40, 2671-2683. | 2.2 | 379 |
| 2 | Comprehensive Prognosis Assessment by CMR Imaging After ST-Segment Elevation Myocardial Infarction. Journal of the American College of Cardiology, 2014, 64, 1217-1226. | 2.8 | 314 |
| 3 | Epidemiology, pathophysiology and contemporary management of cardiogenic shockÂâ€“Âa position statement from the Heart Failure Association of the European Society of Cardiology. European Journal of Heart Failure, 2020, 22, 1315-1341. | 7.1 | 244 |
| 4 | Effect of Cocoa Products on Blood Pressure: Systematic Review and Meta-Analysis. American Journal of Hypertension, 2010, 23, 97-103. | 2.0 | 233 |
| 5 | Intracoronary versus intravenous bolus abciximab during primary percutaneous coronary intervention in patients with acute ST-elevation myocardial infarction: a randomised trial. Lancet, The, 2012, 379, 923-931. | 13.7 | 199 |
| 6 | Angiography after Out-of-Hospital Cardiac Arrest without ST-Segment Elevation. New England Journal of Medicine, 2021, 385, 2544-2553. | 27.0 | 197 |
| 7 | Longâ€term excess mortality in takotsubo cardiomyopathy: predictors, causes and clinical consequences. European Journal of Heart Failure, 2016, 18, 650-656. | 7.1 | 189 |
| 8 | Randomized Sham-Controlled Trial of Renal Sympathetic Denervation in Mild Resistant Hypertension. Hypertension, 2015, 65, 1202-1208. | 2.7 | 186 |
| 9 | A Three-Arm Randomized Trial of Different Renal Denervation Devices and Techniques in Patients With Resistant Hypertension (RADIOSOUND-HTN). Circulation, 2019, 139, 590-600. | 1.6 | 128 |
| 10 | Clinical characteristics, diagnosis, and risk stratification of pulmonary hypertension in severe tricuspid regurgitation and implications for transcatheter tricuspid valve repair. European Heart Journal, 2020, 41, 2785-2795. | 2.2 | 117 |
| 11 | Effect of Aspiration Thrombectomy on Microvascular Obstruction in NSTEMI Patients. Journal of the American College of Cardiology, 2014, 64, 1117-1124. | 2.8 | 75 |
| 12 | Physiological and Clinical Consequences of Right Ventricular Volume Overload Reduction After Transcatheter Treatment for Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2019, 12, 1423-1434. | 2.9 | 73 |
| 13 | Comparison of Sirolimus-Eluting Stenting With Minimally Invasive Bypass Surgery for Stenosis of the Left Anterior Descending Coronary Artery. JACC: Cardiovascular Interventions, 2015, 8, 30-38. | 2.9 | 72 |
| 14 | Low vs. Higher-Dose Dark Chocolate and Blood Pressure in Cardiovascular High-Risk Patients. American Journal of Hypertension, 2010, 23, 694-700. | 2.0 | 67 |
| 15 | Arterial Lactate in Cardiogenic Shock. JACC: Cardiovascular Interventions, 2020, 13, 2208-2216. | 2.9 | 61 |
| 16 | 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. Circulation, 2022, 145, 170-183. | 1.6 | 54 |
| 17 | Cardiac magnetic resonance imaging parameters as surrogate endpoints in clinical trials of acute myocardial infarction. Trials, 2011, 12, 204. | 1.6 | 49 |
| 18 | Reliability of myocardial salvage assessment by cardiac magnetic resonance imaging in acute reperfused myocardial infarction. International Journal of Cardiovascular Imaging, 2012, 28, 263-272. | 1.5 | 49 |

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|---|---|---|---|
| 19 | Platelet inhibition and GP IIb/IIIa receptor occupancy by intracoronary versus intravenous bolus administration of abciximab in patients with ST-elevation myocardial infarction. Clinical Research in Cardiology, 2012, 101, 117-124. | 3.3 | 42 |
| 20 | Frequency and Impact of Bleeding on Outcome in Patients With Cardiogenic Shock. JACC: Cardiovascular Interventions, 2020, 13, 1182-1193. | 2.9 | 41 |
| 21 | Effect of Coronary Collaterals on Long-Term Prognosis in Patients Undergoing Primary Angioplasty for Acute ST-Elevation Myocardial Infarction. American Journal of Cardiology, 2010, 106, 605-611. | 1.6 | 40 |
| 22 | Renal Sympathetic Denervation in Patients With Heart Failure With Preserved Ejection Fraction. Circulation: Heart Failure, 2021, 14, e007421. | 3.9 | 39 |
| 23 | 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. American Journal of Cardiology, 2009, 104, 1204-1209. | 1.6 | 35 |
| 24 | Randomized Comparison of a Polymer-Free Sirolimus-Eluting Stent Versus a Polymer-Based Paclitaxel-Eluting Stent in Patients With Diabetes Mellitus. JACC: Cardiovascular Interventions, 2011, 4, 452-459. | 2.9 | 30 |
| 25 | Intra-aortic balloon counterpulsation â€" Basic principles and clinical evidence. Vascular Pharmacology, 2014, 60, 52-56. | 2.1 | 30 |
| 26 | Intracoronary Versus Intravenous Abciximab Bolus in Patients With ST-Segment Elevation Myocardial Infarction. Journal of the American College of Cardiology, 2013, 62, 1214-1215. | 2.8 | 28 |
| 27 | 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. American Heart Journal, 2019, 209, 20-28. | 2.7 | 28 |
| 28 | Nutritional status in tricuspid regurgitation: implications of transcatheter repair. European Journal of Heart Failure, 2020, 22, 1826-1836. | 7.1 | 28 |
| 29 | Impact of a novel contrast reduction system on contrast savings in coronary angiography â€“ The DyeVert randomised controlled trial. International Journal of Cardiology, 2018, 257, 50-53. | 1.7 | 27 |
| 30 | Syndecan-1 Predicts Outcome in Patients with ST-Segment Elevation Infarction Independent from Infarct-related Myocardial Injury. Scientific Reports, 2019, 9, 18367. | 3.3 | 27 |
| 31 | Combined Coronary CT-Angiography and TAVI-Planning: A Contrast-Neutral Routine Approach for Ruling-Out Significant Coronary Artery Disease. Journal of Clinical Medicine, 2020, 9, 1623. | 2.4 | 24 |
| 32 | Manta versus Perclose ProGlide vascular closure device after transcatheter aortic valve implantation: Initial experience from a large European center. Cardiovascular Revascularization Medicine, 2022, 37, 34-40. | 0.8 | 24 |
| 33 | Combined cCTA and TAVR Planning forÂRuling Out Significant CAD. JACC: Cardiovascular Imaging, 2022, 15, 476-486. | 5.3 | 24 |
| 34 | 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. Heart, 2010, 96, 1695-1702. | 2.9 | 21 |
| 35 | Impact of Atrial Fibrillation During ST-Segmentâ€"Elevation Myocardial Infarction on Infarct Characteristics and Prognosis. Circulation: Cardiovascular Imaging, 2018, 11, e006955. | 2.6 | 21 |
| 36 | Renal Denervation in Isolated Systolic Hypertension Using Different Catheter Techniques and Technologies. Hypertension, 2019, 74, 341-348. | 2.7 | 21 |

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|---|---|---|---|
| 37 | 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. European Heart Journal Cardiovascular Imaging, 2016, 17, 194-202. | 1.2 | 19 |
| 38 | Outcome in Patients With Leftâ€Sided Nativeâ€Valve Infective Endocarditis and Isolated Large Vegetations. Clinical Cardiology, 2014, 37, 626-633. | 1.8 | 18 |
| 39 | Prognostic Impact of Atrial Fibrillation in Acute Myocardial Infarction and Cardiogenic Shock. Circulation: Cardiovascular Interventions, 2019, 12, e007661. | 3.9 | 18 |
| 40 | Revision: prognostic impact of baseline glucose levels in acute myocardial infarction complicated by cardiogenic shockâ€"a substudy of the IABP-SHOCK II-trial. Clinical Research in Cardiology, 2018, 107, 517-523. | 3.3 | 17 |
| 41 | Cardiac magnetic resonance assessment of central and peripheral vascular function in patients undergoing renal sympathetic denervation as predictor for blood pressure response. Clinical Research in Cardiology, 2018, 107, 945-955. | 3.3 | 15 |
| 42 | 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. International Journal of Cardiology, 2018, 265, 251-255. | 1.7 | 14 |
| 43 | Impact of Morphine Treatment on Infarct Size and Reperfusion Injury in Acute Reperfused ST-Elevation Myocardial Infarction. Journal of Clinical Medicine, 2020, 9, 735. | 2.4 | 14 |
| 44 | Multivessel versus culprit-only PCI in STEMI patients with multivessel disease: meta-analysis of randomized controlled trials. Clinical Research in Cardiology, 2020, 109, 1381-1391. | 3.3 | 12 |
| 45 | Functional and prognostic implications of cardiac magnetic resonance feature tracking-derived remote myocardial strain analyses in patients following acute myocardial infarction. Clinical Research in Cardiology, 2021, 110, 270-280. | 3.3 | 12 |
| 46 | Stents liberadores de rapamicina sin polÃmero frente a stents liberadores de paclitaxel con polÃmero: un anÃ¡lisis de datos de pacientes procedentes de ensayos aleatorizados. Revista Espanola De Cardiologia, 2013, 66, 435-442. | 1.2 | 11 |
| 47 | Impact of Long-Term Statin Pretreatment on Myocardial Damage in ST Elevation Myocardial Infarction (from the AIDA STEMI CMR Substudy). American Journal of Cardiology, 2014, 114, 503-509. | 1.6 | 11 |
| 48 | Comparison of risk prediction models in infarct-related cardiogenic shock. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 890-897. | 1.0 | 11 |
| 49 | Thrombus aspiration in patients with ST-elevation myocardial infarction presenting late after symptom onset: long-term clinical outcome of a randomized trial. Clinical Research in Cardiology, 2019, 108, 1208-1214. | 3.3 | 10 |
| 50 | Temporary mechanical circulatory support in cardiogenic shock. Progress in Cardiovascular Diseases, 2021, 69, 35-46. | 3.1 | 10 |
| 51 | ECG pitfall: anterior myocardial infarction in dextrocardia. European Heart Journal, 2014, 35, 1887-1887. | 2.2 | 9 |
| 52 | Prognostic Impact of Active Mechanical Circulatory Support in Cardiogenic Shock Complicating Acute Myocardial Infarction, Results from the Culprit-Shock Trial. Journal of Clinical Medicine, 2020, 9, 1976. | 2.4 | 9 |
| 53 | Selenoprotein P in Myocardial Infarction With Cardiogenic Shock. Shock, 2020, 53, 58-62. | 2.1 | 8 |
| 54 | Outcomes Associated with Respiratory Failure for Patients with Cardiogenic Shock and Acute Myocardial Infarction: A Substudy of the CULPRIT-SHOCK Trial. Journal of Clinical Medicine, 2020, 9, 860. | 2.4 | 8 |

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|---|---|---|---|
| 55 | Prognostic relevance of peri-infarct zone measured by cardiovascular magnetic resonance in patients with ST-segment elevation myocardial infarction. International Journal of Cardiology, 2022, 347, 83-88. | 1.7 | 8 |
| 56 | Risk Assessment of Coronary Obstruction During Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2022, 15, 496-507. | 2.9 | 8 |
| 57 | Assessment of arterial stiffness to predict blood pressure response to renal sympathetic denervation. EuroIntervention, 2022, 18, e686-e694. | 3.2 | 7 |
| 58 | Revascularization strategies in cardiogenic shock after acute myocardial infarction. Current Opinion in Critical Care, 2019, 25, 379-383. | 3.2 | 6 |
| 59 | Frequency and prognostic impact of right ventricular involvement in acute myocardial infarction. Heart, 2021, 107, 563-570. | 2.9 | 6 |
| 60 | Management of dead space thrombosis during decannulation of peripherally inserted venoarterial extracorporeal membrane oxygenation. Catheterization and Cardiovascular Interventions, 2021, 98, E122-E123. | 1.7 | 6 |
| 61 | Changes in left atrial function in patients undergoing cardioversion for atrial fibrillation: relevance of left atrial strain in heart failure. Clinical Research in Cardiology, 2022, 111, 1028-1039. | 3.3 | 6 |
| 62 | Determinants and prognostic value of cardiac magnetic resonance imaging-derived infarct characteristics in non-ST-elevation myocardial infarction. European Heart Journal Cardiovascular Imaging, 2020, 21, 67-76. | 1.2 | 5 |
| 63 | Effects of ON-Hours Versus OFF-Hours Admission on Outcome in Patients With Myocardial Infarction and Cardiogenic Shock. Circulation: Cardiovascular Interventions, 2020, 13, e009562. | 3.9 | 5 |
| 64 | Long-term outcome after thrombus aspiration in non-ST-elevation myocardial infarction: results from the TATORT-NSTEMI trial. Clinical Research in Cardiology, 2020, 109, 1223-1231. | 3.3 | 5 |
| 65 | Extracorporeal Membrane Oxygenation in Infarct-Related Cardiogenic Shock. Journal of Clinical Medicine, 2022, 11, 1256. | 2.4 | 5 |
| 66 | Combined Coronary CT-Angiography and TAVI Planning: Utility of CT-FFR in Patients with Morphologically Ruled-Out Obstructive Coronary Artery Disease. Journal of Clinical Medicine, 2022, 11, 1331. | 2.4 | 5 |
| 67 | Measuring Treatment Effects in Clinical Trials Using Cardiac MRI. Current Cardiovascular Imaging Reports, 2011, 4, 98-107. | 0.6 | 4 |
| 68 | Coronary collaterals in patients with ST-elevation myocardial infarction presenting late after symptom onset. Clinical Research in Cardiology, 2020, 109, 1307-1315. | 3.3 | 4 |
| 69 | Reprint of â€œIntra-aortic balloon counterpulsation â€" Basic principles and clinical evidenceâ€. Vascular Pharmacology, 2014, 61, 30-34. | 2.1 | 3 |
| 70 | Impact of smoking on cardiac magnetic resonance infarct characteristics and clinical outcome in patients with non-ST-elevation myocardial infarction. International Journal of Cardiovascular Imaging, 2019, 35, 1079-1087. | 1.5 | 3 |
| 71 | Balloonâ€assisted injection of fibrin sealant for the treatment of postintervention accessâ€site bleeding complications. Catheterization and Cardiovascular Interventions, 2022, 99, 1327-1334. | 1.7 | 3 |
| 72 | Polymer-free Sirolimus-eluting Versus Polymer-based Paclitaxel-eluting Stents: An Individual Patient Data Analysis of Randomized Trials. Revista Espanola De Cardiologia (English Ed ), 2013, 66, 435-442. | 0.6 | 2 |

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|---|---|---|---|
| 73 | Stroke rates after transcatheter aortic valve replacement: does valve choice play a role?. European Heart Journal, 2020, 41, 4362-4362. | 2.2 | 2 |
| 74 | Revascularization in cardiogenic shock. Herz, 2020, 45, 537-541. | 1.1 | 2 |
| 75 | Significance of an additional unenhanced scan in computed tomography angiography of patients with suspected acute aortic syndrome. World Journal of Radiology, 2018, 10, 150-161. | 1.1 | 2 |
| 76 | Prevalence and clinical impact of left coronary dominance in patients with aortic stenosis. Journal of Heart Valve Disease, 2011, 20, 23-8. | 0.5 | 1 |
| 77 | Challenges in the conduct of randomised controlled trials in cardiogenic shock complicating acute myocardial infarction.. Journal of Geriatric Cardiology, 2022, 19, 125-129. | 0.2 | 1 |
| 78 | Management of acute myocardial infarction â€“ Authors' reply. Lancet, The, 2014, 383, 410-411. | 13.7 | 0 |
| 79 | Letter commenting on: Outcomes of multivessel vs culprit lesionâ€only percutaneous coronary intervention in patients with acute myocardial infarction complicated by cardiogenic shock: Evidence from an updated metaâ€analysis (Kundu et al. Catheter Cardiovasc Interv. 2018 Dec 28. [epub ahead of) Tj ETQq1 1 0.784314 rgBT /Ov | 1.7 | 0 |
| 80 | Multivessel vs. culprit-lesion only percutaneous coronary intervention in ST-elevation myocardial infarction. Herz, 2020, 45, 542-547. | 1.1 | 0 |
| 81 | The clinical significance of ischaemic changes on the post-resuscitation electrocardiogram. European Heart Journal: Acute Cardiovascular Care, 0, , . | 1.0 | 0 |