Claudius Mahr

List of Publications by Year
in descending order

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120	2,210	279487	253896
papers	citations	23 h-index	43 g-index

132	132	132	2201
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HVAD: The ENDURANCE SupplementalÂTrial. JACC: Heart Failure, 2018, 6, 792-802.	1.9	185
2	Complete Hemodynamic Profiling With Pulmonary Artery Catheters in Cardiogenic Shock Is Associated With Lower In-Hospital Mortality. JACC: Heart Failure, 2020, 8, 903-913.	1.9	163
3	Invasive Hemodynamic Assessment and Classification of In-Hospital Mortality Risk Among Patients With Cardiogenic Shock. Circulation: Heart Failure, 2020, 13, e007099.	1.6	151
4	Evaluation of a lateral thoracotomy implant approach for a centrifugal-flow left ventricular assist device: The LATERAL clinical trial. Journal of Heart and Lung Transplantation, 2019, 38, 344-351.	0.3	145
5	Value of Preoperative Upper Endoscopy in Patients Undergoing Laparoscopic Gastric Bypass. Obesity Surgery, 2006, 16, 142-146.	1.1	114
6	Comprehensive Analysis of Stroke in the Long-Term Cohort of the MOMENTUM 3 Study. Circulation, 2019, 139, 155-168.	1.6	113
7	Effect of Treatment With Sacubitril/Valsartan in Patients With Advanced Heart Failure and Reduced Ejection Fraction. JAMA Cardiology, 2022, 7, 17.	3.0	77
8	Phenotyping Cardiogenic Shock. Journal of the American Heart Association, 2021, 10, e020085.	1.6	74
9	Criteria for Defining Stages of Cardiogenic Shock Severity. Journal of the American College of Cardiology, 2022, 80, 185-198.	1.2	74
10	Variant Interpretation for Dilated Cardiomyopathy. Circulation Genomic and Precision Medicine, 2020, 13, e002480.	1.6	70
11	LVAD Outflow Graft Angle and Thrombosis Risk. ASAIO Journal, 2017, 63, 14-23.	0.9	67
12	Left Ventricular Assist Device Inflow Cannula Angle and Thrombosis Risk. Circulation: Heart Failure, 2018, 11, e004325.	1.6	66
13	Clinical Outcomes Associated With Acute Mechanical Circulatory Support Utilization in Heart Failure Related Cardiogenic Shock. Circulation: Heart Failure, 2021, 14, e007924.	1.6	48
14	Mechanical Support as Failure Intervention in Patients with Cavopulmonary Shunts (MFICS): Rationale and Aims of a New Registry of Mechanical Circulatory Support in Single Ventricle Patients. Congenital Heart Disease, 2013, 8, 182-186.	0.0	46
15	Toward Genetics-Driven Early Intervention in Dilated Cardiomyopathy. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	41
16	Sacubitril/Valsartan in Advanced HeartÂFailure With Reduced Ejection Fraction. JACC: Heart Failure, 2020, 8, 789-799.	1.9	39
17	Cell-Specific Pathways Supporting Persistent Fibrosis in Heart Failure. Journal of the American College of Cardiology, 2017, 70, 344-354.	1.2	37
18	Right Ventricular Dysfunction Is Common and Identifies Patients at Risk of Dying in Cardiogenic Shock. Journal of Cardiac Failure, 2021, 27, 1061-1072.	0.7	34

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19	Systematic donor selection review process improves cardiac transplant volumes and outcomes. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 238-243.	0.4	32
20	Biventricular Support With Intracorporeal, Continuous Flow, Centrifugal Ventricular Assist Devices. Annals of Thoracic Surgery, 2018, 105, 548-555.	0.7	32
21	Small Left Ventricular Size Is an Independent Risk Factor for Ventricular Assist Device Thrombosis. ASAIO Journal, 2019, 65, 152-159.	0.9	32
22	Intermittent Aortic Valve Opening and Risk of Thrombosis in Ventricular Assist Device Patients. ASAIO Journal, 2017, 63, 425-432.	0.9	30
23	Concordance of Treatment Effect: An Analysis of The Society of Thoracic Surgeons Intermacs Database. Annals of Thoracic Surgery, 2022, 113, 1172-1182.	0.7	29
24	Impact of LVAD Implantation Site on Ventricular Blood Stagnation. ASAIO Journal, 2017, 63, 392-400.	0.9	28
25	Blood damage in Left Ventricular Assist Devices: Pump thrombosis or system thrombosis?. International Journal of Artificial Organs, 2019, 42, 113-124.	0.7	28
26	Left Ventricular Assist Device Inflow Cannula Insertion Depth Influences Thrombosis Risk. ASAIO Journal, 2020, 66, 766-773.	0.9	26
27	Durable mechanical circulatory support in teenagers and adults with congenital heart disease: A systematic review. International Journal of Cardiology, 2017, 245, 135-140.	0.8	25
28	Five-year results of patients supported by HeartMate II: outcomes and adverse events. European Journal of Cardio-thoracic Surgery, 2018, 53, 422-427.	0.6	21
29	Outflow Graft Obstruction Treated With Transcatheter Management: A Novel Therapy for a New Diagnosis. Annals of Thoracic Surgery, 2017, 103, e101-e104.	0.7	20
30	Comparison of Neurologic Event Rates Among HeartMate II, HeartMate 3, and HVAD. ASAIO Journal, 2020, 66, 620-624.	0.9	20
31	Cost-Effectiveness of Thoracotomy Approach for the Implantation of a Centrifugal Left Ventricular Assist Device. ASAIO Journal, 2020, 66, 855-861.	0.9	18
32	Accuracy of Doppler blood pressure measurement in continuousâ€flow left ventricular assist device patients. ESC Heart Failure, 2019, 6, 793-798.	1.4	17
33	Outcomes after heart transplantation and total artificial heart implantation: A multicenter study. Journal of Heart and Lung Transplantation, 2021, 40, 220-228.	0.3	16
34	The Benefit of Donor-Recipient MatchingÂfor Patients Undergoing HeartÂTransplantation. Journal of the American College of Cardiology, 2017, 69, 1707-1714.	1.2	15
35	Cost-Effectiveness of a Small Intrapericardial Centrifugal Left Ventricular Assist Device. ASAIO Journal, 2020, 66, 862-870.	0.9	15
36	Concomitant Respiratory Failure Can Impair Myocardial Oxygenation in Patients with Acute Cardiogenic Shock Supported by VA-ECMO. Journal of Cardiovascular Translational Research, 2022, 15, 217-226.	1.1	15

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37	Impact of Age on Outcomes in Patients With Cardiogenic Shock. Frontiers in Cardiovascular Medicine, 2021, 8, 688098.	1.1	14
38	Estimation of Stressed Blood Volume in Patients With Cardiogenic Shock From Acute Myocardial Infarction and Decompensated Heart Failure. Journal of Cardiac Failure, 2021, 27, 1141-1145.	0.7	12
39	A Power Tracking Algorithm for Early Detection of Centrifugal Flow Pump Thrombosis. ASAIO Journal, 2021, 67, 1018-1025.	0.9	12
40	Risk factors for pancreatic adenocarcinoma: Are we ready for screening and surveillance?. Current Gastroenterology Reports, 2005, 7, 122-127.	1.1	10
41	The Treatment of Patients with Advanced Heart Failure Ineligible for Cardiac Transplantation with the HeartWare Ventricular Assist Device: Results of the ENDURANCE Supplement Trial. Journal of Heart and Lung Transplantation, 2017, 36, S10.	0.3	10
42	Global best practices consensus: Long-term management ofÂpatients with hybrid centrifugal flow left ventricular assist device support. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, 1120-1137.e2.	0.4	10
43	Two-Year Follow Up of the LATERAL Clinical Trial. Circulation: Heart Failure, 2021, 14, e006912.	1.6	9
44	Pulmonary function tests do not predict mortality in patients undergoing continuous-flow left ventricular assist device implantation. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1959-1970.e1.	0.4	8
45	Variability in Blood Pressure Assessment in Patients Supported with the HeartMate 3TM. ASAIO Journal, 2022, 68, 374-383.	0.9	8
46	Agreement between risk and priority for heart transplant: Effects of the geographic allocation rule and status assignment. Journal of Heart and Lung Transplantation, 2017, 36, 666-672.	0.3	7
47	Identification of Hypotensive Emergency Department Patients with Cardiogenic Etiologies. Shock, 2018, 49, 131-136.	1.0	7
48	Ventricular Assist Device Driveline Dressing-Change Protocols: A Need for Standardization. A Report from the SimVAD Investigators. Journal of Cardiac Failure, 2019, 25, 695-697.	0.7	7
49	Interpreting Neurologic Outcomes in a Changing Trial Design Landscape: An Analysis of HeartWare Left Ventricular Assist Device Using a Hybrid Intention to Treat Population. ASAIO Journal, 2019, 65, 293-296.	0.9	7
50	Accuracy of Doppler blood pressure measurement in HeartMate 3 ventricular assist device patients. ESC Heart Failure, 2020, 7, 4241-4246.	1.4	7
51	Left Ventricular Assist Device Caregiver Experiences and Health Outcomes: A Systematic Review of Qualitative and Quantitative Studies. Journal of Cardiac Failure, 2020, 26, 713-726.	0.7	7
52	Outcome differences in acute vs. acute on chronic heart failure and cardiogenic shock. ESC Heart Failure, 2020, 7, 1118-1124.	1.4	7
53	COVID-19 and cardiovascular disease: What we know, what we think we know, and what we need to know. Journal of Molecular and Cellular Cardiology, 2020, 144, 12-14.	0.9	7
54	Medical and Surgical Management of Left Ventricular Assist Device-Associated Intracranial Hemorrhage. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 106053.	0.7	7

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55	Intermittent left ventricular assist device inflow tract obstruction by prolapsing papillary muscle detected by multi-detector computed tomography (MDCT). International Journal of Cardiology, 2014, 176, e13-e14.	0.8	6
56	Costâ€effectiveness of left ventricular assist devices as destination therapy in the United Kingdom. ESC Heart Failure, 2021, 8, 3049-3057.	1.4	6
57	Late Surgical Bleeding Following Total Artificial Heart Implantation. Journal of Cardiac Surgery, 2015, 30, 771-774.	0.3	5
58	Periportal fibrosis without cirrhosis does not affect outcomes after continuous flow ventricular assist device implantation. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 230-235.	0.4	5
59	In Vitro Investigation of the Effect of Left Ventricular Assist Device Speed and Pulsatility Mode on Intraventricular Hemodynamics. Annals of Biomedical Engineering, 2021, 49, 1318-1332.	1.3	5
60	Left Ventricular Assist Devices in PatientsÂWith Active Malignancies. JACC: CardioOncology, 2021, 3, 305-315.	1.7	5
61	A bridge-to-bridge approach to heart transplantation using extracorporeal membrane oxygenation and total artificial heart. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 1138-1148.e1.	0.4	5
62	The History of Durable Left Ventricular Assist Devices and Comparison of Outcomes: HeartWare, HeartMate II, HeartMate 3, and the Future of Mechanical Circulatory Support. Journal of Clinical Medicine, 2022, 11, 2022.	1.0	5
63	Stroke in Ventricular Assist Device Patients: Reducing Complications and Improving Outcomes. ASAIO Journal, 2019, 65, 757-759.	0.9	4
64	Evaluating ventricular assist device outcomes internationally with a focus on neurological events. Heart, 2019, 105, 266-267.	1.2	4
65	Long-Term Neurocognitive Outcome inÂPatients With Continuous Flow LeftÂVentricular Assist Device. JACC: Heart Failure, 2021, 9, 839-851.	1.9	4
66	Anticoagulation in the HeartMate 3 Left Ventricular Assist Device: Are We Finally Moving the Needle?. ASAIO Journal, 2022, 68, 323-324.	0.9	4
67	Pulmonary Artery Catheter Usage and Mortality in Cardiogenic Shock. Journal of Heart and Lung Transplantation, 2020, 39, S54-S55.	0.3	3
68	Echocardiographic imaging of temporary percutaneous mechanical circulatory support devices. Journal of Echocardiography, 2022, 20, 77-86.	0.4	3
69	Hold or foldâ€"Proteins in advanced heart failure and myocardial recovery. Proteomics - Clinical Applications, 2015, 9, 121-133.	0.8	2
70	Outcomes of External Repair of HeartMate II Percutaneous Leads. Journal of Heart and Lung Transplantation, 2015, 34, S27.	0.3	2
71	Blood Pressure Management Ameliorates the Severity of Neurological Events. Journal of Heart and Lung Transplantation, 2018, 37, S11.	0.3	2
72	Adverse Effects of Delayed Transplant Listing Among Patients With Implantable Left Ventricular Assist Devices. Journal of Cardiac Failure, 2018, 24, 243-248.	0.7	2

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73	A Palpable Pulse Should Not Dictate Blood Pressure Strategy in Patients with Continuous Flow Ventricular Assist Devices. ASAIO Journal, 2020, 66, e39-e39.	0.9	2
74	Quality of life and rehabilitation after total artificial heart. Annals of Cardiothoracic Surgery, 2020, 9, 128-130.	0.6	2
75	A Computational Hemodynamics Approach to Left Ventricular Assist Device (LVAD) Optimization Validated in a Large Patient Cohort. ASAIO Journal, 2022, 68, 932-939.	0.9	2
76	The Value of Elective Status 1A Time and the Effects of Delayed Transplant Listing Among Registrants With Mechanical Circulatory Support. Journal of Heart and Lung Transplantation, 2015, 34, S276.	0.3	1
77	Update on Post-Approval INTERMACs Registry of the HVAD System in Commercial Use. Journal of Heart and Lung Transplantation, 2015, 34, S195-S196.	0.3	1
78	Victims of Our Own Successâ€¦and Failure. ASAIO Journal, 2016, 62, 1-2.	0.9	1
79	Ex-Vivo Perfusion of a Human Heart Recovered from a DCD Donor for 13 Hours on Organ Care System Platform. Journal of Heart and Lung Transplantation, 2017, 36, S45.	0.3	1
80	21 PTT and Anti-Xa Activity in Adult Mechanical Circulatory Support Patients at a Large Academic Medical Center. American Journal of Clinical Pathology, 2018, 149, S174-S175.	0.4	1
81	TCT-812 Modified SCAI Classification for Cardiogenic Shock Is Associated With Increasing In-Hospital Mortality: A Report From the Cardiogenic Shock Working Group Registry. Journal of the American College of Cardiology, 2019, 74, B795.	1.2	1
82	The ethical conundrum: Conflicting advocacy positions in advanced heart failure therapy. Clinical Transplantation, 2019, 33, e13489.	0.8	1
83	Responding to Ventricular Assist Device Recalls: An Ethical Guide for Mechanical Circulatory Support Programs. ASAIO Journal, 2020, 66, 363-366.	0.9	1
84	Variability in Blood Pressure Assessment in Patients Supported with HeartMate 3. Journal of Heart and Lung Transplantation, 2020, 39, S156-S157.	0.3	1
85	An unexpected cause of angina detected by ECG-gated cardiac computed tomography. International Journal of Cardiovascular Imaging, 2006, 22, 287-293.	0.7	0
86	First Report of the PAS INTERMACs Registry of the HVAD in Commercial Use. Journal of Heart and Lung Transplantation, 2014, 33, S36-S37.	0.3	0
87	The Wisconsin Pharmacy Quality Collaborative - A Statewide Network of Community Pharmacists to Improve Heart Failure Outcomes. Journal of Cardiac Failure, 2015, 21, S133.	0.7	0
88	What Can You Do With an LVAD? Survey of Programs Implanting Durable Devices. Journal of Heart and Lung Transplantation, 2015, 34, S165.	0.3	0
89	Reduction in Post-Heart Transplant ICU and Total Length of Stay by Standardization of Care Via a Multidisciplinary Approach. Journal of Heart and Lung Transplantation, 2016, 35, S205.	0.3	0
90	Comparison of Device-Related Infections between Two Continuous Flow Ventricular Assist Devices. Journal of Heart and Lung Transplantation, 2016, 35, S257.	0.3	0

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91	Utility of Heart Transplant by Waitlist Mortality and Donor/Recipient Match. Journal of Heart and Lung Transplantation, 2016, 35, S85-S86.	0.3	0
92	The vortex of three-dimensional mapping with a centrifugal ventricular assist device. Europace, 2017, 19, euw155.	0.7	0
93	Does Right Ventricular-Arterial Coupling Predict Early Right Heart Failure in LVAD Recipients?. Journal of Heart and Lung Transplantation, 2016, 35, S394-S395.	0.3	0
94	Where Do Patients with VADs Prefer to Spens Their Last Days?. Journal of Heart and Lung Transplantation, 2017, 36, S436.	0.3	0
95	Effect of Transplant Rates on Benefit of Left Ventricular Assist Device versus Inotrope Support. Journal of Heart and Lung Transplantation, 2017, 36, S141-S142.	0.3	0
96	Does Increasing Experience in Implementing the Blood Pressure Management Protocol in the ENDURANCE Supplemental Trial Result in Better Outcomes?. Journal of Heart and Lung Transplantation, 2018, 37, S283.	0.3	0
97	Change in Heart Rate from Pre-Implant to Discharge in Destination Therapy is Associated with Mortality and Admissions in LVAD Patients- A Substudy of the ENDURANCE trial. Journal of Heart and Lung Transplantation, 2018, 37, S278.	0.3	0
98	Impact of the Thoracotomy Implant Approach on Patient Self-Reported Quality of Life in the HVAD LATERAL Trial. Journal of Heart and Lung Transplantation, 2018, 37, S476.	0.3	0
99	Impact of Stroke Onset Severity on 2-Year Survival in Destination Therapy Patients Supported by Centrifugal Flow versus Axial Flow Ventricular Assist Devices. Journal of Heart and Lung Transplantation, 2019, 38, S68.	0.3	0
100	Cost-Effectiveness of a Small Intrapericardial Centrifugal LVAD versus Medical Management and Heart Transplantation. Journal of Heart and Lung Transplantation, 2019, 38, S132.	0.3	0
101	The Effect of Right Ventricular Arterial Uncoupling on Mortality in Cardiogenic Shock. Journal of Heart and Lung Transplantation, 2019, 38, S228.	0.3	0
102	Trials and Tribulations: Neurologic Events on Centrifugal Ventricular Assist Device Support. ASAIO Journal, 2019, 65, e81-e81.	0.9	0
103	Transitions In Hemometabolic Related Cardiogenic Shock. Journal of Cardiac Failure, 2020, 26, S56.	0.7	0
104	TAH Portable Driver: It's Alarming, but is It Broken?. Journal of Heart and Lung Transplantation, 2020, 39, S411-S412.	0.3	0
105	Long-Term Neurocognitive Outcomes in LVAD Recipients. Journal of Heart and Lung Transplantation, 2020, 39, S96-S97.	0.3	0
106	Cost-Effectiveness of a Small Intrapericardial Centrifugal LVAD versus Medical Management in Destination Therapy Patients in the UK. Journal of Heart and Lung Transplantation, 2020, 39, S159.	0.3	0
107	Antithrombotics after Intracranial Hemorrhage in Patients with Left Ventricular Assist Devices. Journal of Heart and Lung Transplantation, 2020, 39, S149.	0.3	0
108	Derivation and Validation of Three Novel Phenotypes of Cardiogenic Shock. Journal of Heart and Lung Transplantation, 2020, 39, S55.	0.3	0

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109	Acute Anticoagulation after Ischemic Stroke in Patients with Left Ventricular Assist Devices. Journal of Heart and Lung Transplantation, 2020, 39, S396.	0.3	0
110	Clinical and Hemometabolic Status Impact Transitions in Acute on Chronic Heart Failure Shock: Insights from the CSWG Registry. Journal of Heart and Lung Transplantation, 2020, 39, S187.	0.3	0
111	New Approach to the Treatment of Patients in Intermac 1 or 2 Biventricular Failure and on ECMO with the Syncardia Temporary Total Artificial Heart. Journal of Heart and Lung Transplantation, 2020, 39, S24.	0.3	0
112	Commentary: Transcending acceptable, moving toward optimal: Standardizing surgical configurations of ventricular assist device therapy. Journal of Thoracic and Cardiovascular Surgery, 2020, 162, 1566-1567.	0.4	0
113	Abstract P435: Medical and Neurosurgical Interventions in Left Ventricular Assist Device-Associated Intracranial Hemorrhage. Stroke, 2021, 52, .	1.0	0
114	Abstract P283: Palliative and End-Of-Life Care After Left Ventricular Assist Device-Associated Intracranial Hemorrhage. Stroke, 2021, 52, .	1.0	0
115	Compatibility of Novel Cardiogenic Shock Phenotypes from the Cardiogenic Shock Working Group (CSWG) with the SCAI Staging System. Journal of Heart and Lung Transplantation, 2021, 40, S128.	0.3	0
116	Reply. JACC: Heart Failure, 2021, 9, 323-324.	1.9	0
117	Abstract TP107: Acute Anticoagulation After Stroke in Patients With Left Ventricular Assist Devices. Stroke, 2019, 50, .	1.0	0
118	Abstract 246: Applying a Quantitative, Cell Surface Glycoproteomic Approach to Understanding the Role of Human Cardiac Fibroblasts in Advanced Heart Failure. Circulation Research, 2019, 125, .	2.0	0
119	Acute Anticoagulation After Ischemic Stroke in Patients With Left Ventricular Assist Devices. ASAIO Journal, 2021, 67, e74-e76.	0.9	0
120	Cost-Effectiveness of Thoracotomy Approach for the Implantation of a Small Intrapericardial Centrifugal LVAD. Journal of Heart and Lung Transplantation, 2020, 39, S366.	0.3	0