

# Thomas Schläglhofer

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

931  
citations

566801

15  
h-index

525886

27  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1181  
citing authors

#	ARTICLE	IF	CITATIONS
1	The HeartMate 6 and CardioMEMS for Fixed Pulmonary Hypertension. <i>ASAIO Journal</i> , 2022, 68, e80-e83.	0.9	3
2	Incidence, clinical relevance and therapeutic options for outflow graft stenosis in patients with left ventricular assist devices. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 716-724.	0.6	6
3	Effects of the atrium on intraventricular flow patterns during mechanical circulatory support. <i>International Journal of Artificial Organs</i> , 2022, 45, 421-430.	0.7	2
4	Inflow cannula position as risk factor for stroke in patients with HeartMate 3 left ventricular assist devices. <i>Artificial Organs</i> , 2022, 46, 1149-1157.	1.0	10
5	When Nothing Goes Right: Risk Factors and Biomarkers of Right Heart Failure after Left Ventricular Assist Device Implantation. <i>Life</i> , 2022, 12, 459.	1.1	6
6	Validation of Intrinsic Left Ventricular Assist Device Data Tracking Algorithm for Early Recognition of Centrifugal Flow Pump Thrombosis. <i>Life</i> , 2022, 12, 563.	1.1	4
7	A Sensorless Modular Multiobjective Control Algorithm for Left Ventricular Assist Devices: A Clinical Pilot Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 888269.	1.1	6
8	Global best practices consensus: Long-term management of patients with hybrid centrifugal flow left ventricular assist device support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1120-1137.e2.	0.4	10
9	Left ventricular assist device driveline infections in three contemporary devices. <i>Artificial Organs</i> , 2021, 45, 464-472.	1.0	20
10	Implantable Fiber Bragg Grating Sensor for Continuous Heart Activity Monitoring: Ex-Vivo and In-Vivo Validation. <i>IEEE Sensors Journal</i> , 2021, 21, 14051-14059.	2.4	11
11	Effect of Timings of the Lavare Cycle on the Ventricular Washout in an In Vitro Flow Visualization Setup. <i>ASAIO Journal</i> , 2021, 67, 517-528.	0.9	6
12	Impact of Less Invasive Left Ventricular Assist Device Implantation on Heart Transplant Outcomes. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	4
13	The left ventricular assist device as a patient monitoring system. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 221-232.	0.6	7
14	The role of the ventricular assist device coordinator: quo vadis?. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 386-388.	0.6	9
15	Pump position and thrombosis in ventricular assist devices: Correlation of radiographs and CT data. <i>International Journal of Artificial Organs</i> , 2021, 44, 956-964.	0.7	8
16	A Power Tracking Algorithm for Early Detection of Centrifugal Flow Pump Thrombosis. <i>ASAIO Journal</i> , 2021, 67, 1018-1025.	0.9	12
17	Development of suction detection algorithms for a left ventricular assist device from patient data. <i>Biomedical Signal Processing and Control</i> , 2021, 69, 102910.	3.5	5
18	Psoas Muscle Area Predicts Mortality after Left Ventricular Assist Device Implantation. <i>Life</i> , 2021, 11, 922.	1.1	3

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19	Less Invasive Left Ventricular Assist Device Implantation Is Safe and Reduces Intraoperative Blood Product Use: A Propensity Score Analysis VAD Implantation Techniques and Blood Product Use. <i>ASAIO Journal</i> , 2021, 67, 47-52.	0.9	13
20	International Normalized Ratio Test Frequency in Left Ventricular Assist Device Patients Affects Anticoagulation Quality and Adverse Events. <i>ASAIO Journal</i> , 2021, 67, 157-162.	0.9	10
21	Driveline Features as Risk Factor for Infection in Left Ventricular Assist Devices: Meta-Analysis and Experimental Tests. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 784208.	1.1	8
22	Blood trauma potential of the HeartWare Ventricular Assist Device in pediatric patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1519-1527.e1.	0.4	24
23	LVAD speed increase during exercise, which patients would benefit the most? A simulation study. <i>Artificial Organs</i> , 2020, 44, 239-247.	1.0	12
24	Prevention and early treatment of driveline infections in ventricular assist device patients – The DESTINE staging proposal and the first standard of care protocol. <i>Journal of Critical Care</i> , 2020, 56, 106-112.	1.0	47
25	Early Detection of Pump Thrombosis in Patients With Left Ventricular Assist Device. <i>ASAIO Journal</i> , 2020, 66, 348-354.	0.9	17
26	Thrombolysis as first-line therapy for Medtronic/HeartWare HVAD left ventricular assist device thrombosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 1182-1191.	0.6	9
27	Blood stream infection and outcomes in recipients of a left ventricular assist device. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 907-914.	0.6	11
28	Hemodynamic exercise responses with a continuous-flow left ventricular assist device: Comparison of patients' response and cardiorespiratory simulations. <i>PLoS ONE</i> , 2020, 15, e0229688.	1.1	10
29	Continuous LVAD monitoring reveals high suction rates in clinically stable outpatients. <i>Artificial Organs</i> , 2020, 44, E251-E262.	1.0	28
30	The influence of left ventricular assist device inflow cannula position on thrombosis risk. <i>Artificial Organs</i> , 2020, 44, 939-946.	1.0	33
31	Novel Solutions for Patient Monitoring and Mechanical Circulatory Support Device Control. , 2020, , 707-728.		1
32	Impact of Bleeding Revision on Outcomes After Left Ventricular Assist Device Implantation. <i>Annals of Thoracic Surgery</i> , 2019, 108, 517-523.	0.7	10
33	Influence of a fully magnetically levitated left ventricular assist device on functional interrogation of implantable cardioverter defibrillators. <i>Clinical Cardiology</i> , 2019, 42, 914-918.	0.7	9
34	Functional capillary impairment in patients with ventricular assist devices. <i>Scientific Reports</i> , 2019, 9, 5909.	1.6	21
35	Noninvasive assessment of blood pressure in rotary blood pump recipients using a novel ultrasonic Doppler method. <i>International Journal of Artificial Organs</i> , 2019, 42, 226-232.	0.7	2
36	LVAD Pump Flow Does Not Adequately Increase With Exercise. <i>Artificial Organs</i> , 2019, 43, 222-228.	1.0	31

#	ARTICLE	IF	CITATIONS
37	The 2018 ISHLT/APM/AST/ICCAC/STSW recommendations for the psychosocial evaluation of adult cardiothoracic transplant candidates and candidates for long-term mechanical circulatory support. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 803-823.	0.3	128
38	Interventional Treatment of LVAD Outflow Graft Stenosis by Introduction of Bare Metal Stents. <i>ASAIO Journal</i> , 2018, 64, e3-e7.	0.9	15
39	The 2018 ISHLT/APM/AST/ICCAC/STSW Recommendations for the Psychosocial Evaluation of Adult Cardiothoracic Transplant Candidates and Candidates for Long-term Mechanical Circulatory Support. <i>Psychosomatics</i> , 2018, 59, 415-440.	2.5	39
40	International Analysis of LVAD Point-of-Care Versus Plasma INR: A Multicenter Study. <i>ASAIO Journal</i> , 2018, 64, e161-e165.	0.9	7
41	A Standardized Telephone Intervention Algorithm Improves the Survival of Ventricular Assist Device Outpatients. <i>Artificial Organs</i> , 2018, 42, 961-969.	1.0	16
42	Wearable systems. , 2018, , 691-721.		3
43	Increased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	64
44	Myocardial Recovery in Peripartum Cardiomyopathy After Hyperprolactinemia Treatment on BIVAD. <i>ASAIO Journal</i> , 2017, 63, 109-111.	0.9	5
45	Response by Andreas et al to Letter Regarding Article, "Increased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients: A Randomized Controlled Pilot Trial". <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	1
46	From Research Lab to Clinical Routine of MCS. <i>ASAIO Journal</i> , 2017, 63, e51-e51.	0.9	0
47	Outpatient Management: The Role of the VAD Coordinator and Remote Monitoring. , 2017, , 445-465.		4
48	Daily Life Activity in Patients with Left Ventricular Assist Devices. <i>International Journal of Artificial Organs</i> , 2016, 39, 22-27.	0.7	15
49	International Coordinator Survey Results on the Outpatient Management of Patients with the HeartWare® Ventricular Assist System. <i>International Journal of Artificial Organs</i> , 2016, 39, 553-557.	0.7	18
50	Identification and Management of Pump Thrombus in the HeartWare Left Ventricular Assist Device System. <i>JACC: Heart Failure</i> , 2015, 3, 849-856.	1.9	77
51	Repair of Left Ventricular Assist Device Driveline Damage Directly at the Transcutaneous Exit Site. <i>Artificial Organs</i> , 2014, 38, 422-425.	1.0	16
52	Usability of Ventricular Assist Devices in Daily Experience: A Multicenter Study. <i>Artificial Organs</i> , 2014, 38, 751-760.	1.0	24
53	Mesure semi-invasive du débit cardiaque basé sur le contour du pouls: Étude et analyse. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 452-479.	0.7	45
54	Sternal force distribution during median sternotomy retraction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 1381-1386.	0.4	6

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55	Importance of Linguistic Details in Alarm Messages of Ventricular Assist Devices. International Journal of Artificial Organs, 2013, 36, 1-4.	0.7	8
56	An Alternative Method to Create Highly Transparent Hollow Models for Flow Visualization. International Journal of Artificial Organs, 2013, 36, 131-134.	0.7	9
57	Fixation and Mounting of Porcine Aortic Valves for use in Mock Circuits. International Journal of Artificial Organs, 2013, 36, 738-741.	0.7	3