

# Moriz Habigt

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

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citations

1937685

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1872680

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times ranked

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#	ARTICLE	IF	CITATIONS
1	In Vivo Evaluation of a Novel Control Algorithm for Left Ventricular Assist Devices Based Upon Ventricular Stroke Work. <i>ASAIO Journal</i> , 2023, 69, 86-95.	1.6	2
2	In Vivo Validation of a Cardiovascular Simulation Model in Pigs. <i>Mathematical and Computational Applications</i> , 2022, 27, 28.	1.3	1
3	Non-linearity of end-systolic pressure–volume relation in afterload increases is caused by an overlay of shortening deactivation and the Frank–Starling mechanism. <i>Scientific Reports</i> , 2021, 11, 3353.	3.3	3
4	Model based optimization of a novel ventricular assist device. <i>Automatisierungstechnik</i> , 2021, 69, 619-631.	0.8	1
5	Acute myocardial injury secondary to severe acute liver failure: A retrospective analysis supported by animal data. <i>PLoS ONE</i> , 2021, 16, e0256790.	2.5	3
6	<i>In vivo</i> evaluation of two adaptive Starling-like control algorithms for left ventricular assist devices. <i>Biomedizinische Technik</i> , 2021, 66, 257-266.	0.8	5
7	Serum from Patients with Severe Alcoholic Liver Cirrhosis Inhibits Proliferation and Migration of Human Coronary Artery Smooth Muscle Cells. <i>Journal of Clinical Medicine</i> , 2021, 10, 5471.	2.4	2
8	Parameter optimization and validation of a cost efficient hybrid mock loop of the cardiovascular system. , 2021, , .		3
9	In vivo proof of concept of a pulsatile physiologic controller framework for ventricular assist devices. , 2021, , .		0
10	Oxygen inhalation improves postoperative survival in ketamine-xylazine anaesthetised rats: An observational study. <i>PLoS ONE</i> , 2019, 14, e0226430.	2.5	6
11	Benefits of object-oriented models and ModeliChart: modern tools and methods for the interdisciplinary research on smart biomedical technology. <i>Biomedizinische Technik</i> , 2017, 62, 111-121.	0.8	5
12	Comparison of novel physiological load-adaptive control strategies for ventricular assist devices. <i>Biomedizinische Technik</i> , 2017, 62, 149-160.	0.8	11
13	Nonlinear object-oriented modeling based optimal control of the heart: Performing precise preload manipulation maneuvers using a ventricular assist device. , 2016, , .		4