

# Moriz Habigt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3087457/publications.pdf>

Version: 2024-02-01

13  
papers

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citations

1937685

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1872680

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13  
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docs citations

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37  
citing authors

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