

Daniel RÃ¼schen

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

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1372567

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22
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22
docs citations

22
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed parameter modeling of fluid transmission lines. Journal of Process Control, 2021, 106, 155-172.	3.3	2
2	<i>In silico</i> and <i>in vitro</i> conductivity models of the left heart ventricle. Journal of Electrical Bioimpedance, 2020, 11, 62-71.	0.9	5
3	Online cardiac output estimation during transvalvular left ventricular assistance. Computer Methods and Programs in Biomedicine, 2019, 171, 87-97.	4.7	8
4	Real-time ECG Simulation for Hybrid Mock Circulatory Loops. Artificial Organs, 2018, 42, 131-140.	1.9	3
5	Heart phantom with electrical properties of heart muscle tissue. Current Directions in Biomedical Engineering, 2018, 4, 97-100.	0.4	4
6	Robust physiological control of rotary blood pumps for heart failure therapy. Automatisierungstechnik, 2018, 66, 767-779.	0.8	7
7	Hybrid mock circulatory loop for training and study purposes. , 2018, , .		3
8	Robust Assistance Control of Left Ventricular Assist Devices. IFMBE Proceedings, 2018, , 294-297.	0.3	1
9	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
10	Minimizing left ventricular stroke work with iterative learning flow profile control of rotary blood pumps. Biomedical Signal Processing and Control, 2017, 31, 444-451.	5.7	21
11	Active noise cancellation in headphones by digital robust feedback control. , 2016, , .		13
12	Continuous Cardiac Output Estimation Under Left Ventricular Assistance. IFAC-PapersOnLine, 2015, 48, 569-574.	0.9	5
13	Multi-Sensor Calibration of Low-Cost Magnetic, Angular Rate and Gravity Systems. Sensors, 2015, 15, 25919-25936.	3.8	16
14	Orientierungsschätzung mit einem Sliding Mode-Beobachter auf Basis Body Sensor Network-integrierter Inertialsensorik. Automatisierungstechnik, 2015, 63, 14-22.	0.8	2
15	Robust decentralised control of a hydrodynamic human circulatory system simulator. Biomedical Signal Processing and Control, 2015, 20, 35-44.	5.7	26
16	Control of Adjustable Compliant Actuators. Machines, 2014, 2, 134-157.	2.2	5
17	Body sensor network-based strapdown orientation estimation: Application to human locomotion. , 2013, 2013, 6650480.		3
18	Estimation of End-Diastolic Pressure via Deconvolution. , 0, , .		0