

Andrew F Stephens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3483066/publications.pdf>

Version: 2024-02-01

17
papers

117
citations

1684188
5
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1474206
9
g-index

17
all docs

17
docs citations

17
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	An advanced mock circulation loop for in vitro cardiovascular device evaluation. <i>Artificial Organs</i> , 2020, 44, E238-E250.	1.9	23
2	In Vitro Evaluation of an Immediate Response Starling-Like Controller for Dual Rotary Blood Pumps. <i>Artificial Organs</i> , 2017, 41, 911-922.	1.9	14
3	Physiological control. , 2018, , 627-657.		12
4	A novel fibre Bragg grating pressure sensor for rotary ventricular assist devices. <i>Sensors and Actuators A: Physical</i> , 2019, 295, 474-482.	4.1	11
5	Comparison of Circulatory Unloading Techniques for Venoarterial Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2021, 67, 623-631.	1.6	10
6	Evaluation of an intraventricular balloon pump for short-term support of patients with heart failure. <i>Artificial Organs</i> , 2019, 43, 860-869.	1.9	8
7	Hemodynamics of small arterial return cannulae for venoarterial extracorporeal membrane oxygenation. <i>Artificial Organs</i> , 2022, 46, 1068-1076.	1.9	8
8	The Importance of Venous Return in Starling-Like Control of Rotary Ventricular Assist Devices. <i>Artificial Organs</i> , 2019, 43, E16-E27.	1.9	5
9	In Vitro Hemocompatibility Evaluation of Modified Rotary Left to Right Ventricular Assist Devices in Pulmonary Flow Conditions. <i>ASAIO Journal</i> , 2020, 66, 637-644.	1.6	5
10	Physiological principles of Starling-like control of rotary ventricular assist devices. <i>Expert Review of Medical Devices</i> , 2020, 17, 1169-1182.	2.8	4
11	Intra-aortic Balloon Pump Use With Extra Corporeal Membrane Oxygenation—A Mock Circulation Loop Study. <i>ASAIO Journal</i> , 2022, 68, 669-675.	1.6	4
12	In vitro evaluation of an adaptive Starling-Like controller for dual rotary ventricular assist devices. <i>Artificial Organs</i> , 2019, 43, E294-E307.	1.9	3
13	Rotary Ventricular Assist Device Control With a Fiber Bragg Grating Pressure Sensor. <i>IEEE Transactions on Control Systems Technology</i> , 2021, 29, 1009-1018.	5.2	3
14	OpenHeart Project—An Open-Source Research Community in the Field of Mechanical Circulatory Support. <i>Artificial Organs</i> , 2018, 42, 939-942.	1.9	2
15	Temperature Compensated Fibre Bragg Grating Pressure Sensor for Ventricular Assist Devices. , 2018, 2018, 1-4.		2
16	Improving In vitro Evaluation Capabilities of Cardiac Assist Devices through a Validated Exercise Simulation. , 2019, 2019, 4901-4904.		2
17	HeartWare HVAD Flow Estimator Accuracy for Left and Right Ventricular Support. <i>ASAIO Journal</i> , 2021, 67, 416-422.	1.6	1