

Andrew F Stephens

List of Publications by Year in descending order

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

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17
papers

117
citations

1684188

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h-index

1474206

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17
all docs

17
docs citations

17
times ranked

170
citing authors

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