

Thomas Finocchiaro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3698895/publications.pdf>

Version: 2024-02-01

16
papers

216
citations

1163117

8
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	System overview of the fully implantable destination therapyâ€”ReinHeart-total artificial heart. European Journal of Cardio-thoracic Surgery, 2015, 47, 80-86.	1.4	51
2	Design and Evaluation of a Hybrid Mock Circulatory Loop for total Artificial Heart Testing. International Journal of Artificial Organs, 2014, 37, 71-80.	1.4	39
3	New Linear Motor Concepts for Artificial Hearts. IEEE Transactions on Magnetics, 2008, 44, 678-681.	2.1	29
4	Mock Circulation Loop to Investigate Hemolysis in a Pulsatile Total Artificial Heart. Artificial Organs, 2015, 39, 416-422.	1.9	21
5	Image based evaluation of mediastinal constraints for the development of a pulsatile total artificial heart. BioMedical Engineering OnLine, 2013, 12, 81.	2.7	14
6	Paving the way for destination therapy of end-stage biventricular heart failure: the ReinHeart total artificial heart concept. European Journal of Cardio-thoracic Surgery, 2014, 46, 935-936.	1.4	13
7	Methods of design, simulation, and control for the development of new VAD/TAH concepts / Methoden zur Konstruktion, Simulation und Regelung fÃ¼r die Entwicklung von neuen VAD/TAH-Konzepten. Biomedizinische Technik, 2009, 54, 269-281.	0.8	8
8	Experimental validation of the linear drive train for a total artificial heart system. Mechatronics, 2013, 23, 222-226.	3.3	8
9	Estimation of Filling and Afterload Conditions by Pump Intrinsic Parameters in a Pulsatile Total Artificial Heart. Artificial Organs, 2016, 40, 638-644.	1.9	7
10	Design and Evaluation of a Fully Implantable Control Unit for Blood Pumps. BioMed Research International, 2015, 2015, 1-9.	1.9	6
11	Prototype Development of an Implantable Compliance Chamber for a Total Artificial Heart. Artificial Organs, 2017, 41, 122-129.	1.9	6
12	Investigation of the Durability of a Diaphragm for a Total Artificial Heart. Artificial Organs, 2016, 40, 1016-1022.	1.9	5
13	Experimental investigation of rightâ€”left flow balance concepts for a total artificial heart. Artificial Organs, 2021, 45, 364-372.	1.9	5
14	Controlling the flow balance: In vitro characterization of a pulsatile total artificial heart in preload and afterload sensitivity. Artificial Organs, 2022, 46, 71-82.	1.9	3
15	Driver electronics design and control for a total artificial heart linear motor. Medical and Biological Engineering and Computing, 2018, 56, 1487-1498.	2.8	1
16	Numerical computation can save life: FEM simulations for the development of artificial hearts. , 2010, ,		0