

# Aron J P Andrade

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

204  
citations

1307594

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h-index

1199594

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g-index

23  
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23  
docs citations

23  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety Control Architecture for Ventricular Assist Devices. <i>Machines</i> , 2022, 10, 5.	2.2	0
2	In vitro evaluation of multi-objective physiological control of the centrifugal blood pump. <i>Artificial Organs</i> , 2020, 44, 785-796.	1.9	8
3	Left Ventricle Failure and Blood Flow Estimation for Centrifugal Blood Pumps. <i>Journal of Mechanics Engineering and Automation</i> , 2016, 6, .	0.0	4
4	Speed control of the Implantable Centrifugal Blood Pump to avoid aortic valve stenosis: Simulation and implementation. , 2014, , .		7
5	In Vivo Evaluation of Centrifugal Blood Pump for Cardiopulmonary Bypass-Spiral Pump. <i>Artificial Organs</i> , 2013, 37, 954-957.	1.9	6
6	Centrifugal Blood Pump for Temporary Ventricular Assist Devices With Low Priming and Ceramic Bearings. <i>Artificial Organs</i> , 2013, 37, 942-945.	1.9	3
7	In Vitro Assessment of the Apico Aortic Blood Pump: Anatomical Positioning, Hydrodynamic Performance, Hemolysis Studies, and Analysis in a Hybrid Cardiovascular Simulator. <i>Artificial Organs</i> , 2013, 37, 950-953.	1.9	12
8	Modeling study of an Implantable Centrifugal Blood Pump actuator with redundant sensorless control. , 2012, , .		4
9	A New Model of Centrifugal Blood Pump for Cardiopulmonary Bypass: Design Improvement, Performance, and Hemolysis Tests. <i>Artificial Organs</i> , 2011, 35, 443-447.	1.9	11
10	Implantable Centrifugal Blood Pump With Dual Impeller and Double Pivot Bearing System: Electromechanical Actuator, Prototyping, and Anatomical Studies. <i>Artificial Organs</i> , 2011, 35, 437-442.	1.9	21
11	Cardiovascular Simulator Improvement: Pressure Versus Volume Loop Assessment. <i>Artificial Organs</i> , 2011, 35, 454-458.	1.9	19
12	Specification of Supervisory Control Systems for Ventricular Assist Devices. <i>Artificial Organs</i> , 2011, 35, 465-470.	1.9	13
13	Introductory Tests to In Vivo Evaluation: Magnetic Coupling Influence in Motor Controller. <i>ASAIO Journal</i> , 2011, 57, 462-465.	1.6	10
14	New Centrifugal Blood Pump With Dual Impeller and Double Pivot Bearing System: Wear Evaluation in Bearing System, Performance Tests, and Preliminary Hemolysis Tests. <i>Artificial Organs</i> , 2008, 32, 329-333.	1.9	45
15	Auxiliary Total Artificial Heart: A Compact Electromechanical Artificial Heart Working Simultaneously with the Natural Heart. <i>Artificial Organs</i> , 1999, 23, 876-880.	1.9	25
16	Velocimetria Computacional por Imagens de Partículas versus análise numérica de escoamento em um Dispositivo de Assistência Ventricular. <i>The Academic Society Journal</i> , 0, , 93-99.	0.1	2
17	Alternative methods of sterilization on films of polymers: Poly-(L-lactic acid) (PLLA), Poly(L-lactic) Tj ETQq1 1 0.784314 rgBT /Overlock models. <i>The Academic Society Journal</i> , 0, , 248-256.	0.1	2
18	Grafting of Hyaluronic Acid to PLDLA, used as coating of the models of PLLA bioresorbable coronary stents. <i>The Academic Society Journal</i> , 0, , 302-311.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Miniature Transport Respirator Performance Evaluation for Ventilatory Support. The Academic Society Journal, 0, , 131-143.	0.1	1
20	Study of mechanical behavior of additive manufacturing bioresorbable polymeric stents models. The Academic Society Journal, 0, , 38-51.	0.1	1
21	Tribology and Crystallinity in pivot bearings of Ventricular Assist Devices. The Academic Society Journal, 0, , 52-62.	0.1	1
22	Design of a Hydrodynamic Performance Bench for Ventricular Assist Devices. The Academic Society Journal, 0, , 7-26.	0.1	1