

Sebastian V Rojas

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,164
citations

471371

17
h-index

414303

32
g-index

75
all docs

75
docs citations

75
times ranked

1332
citing authors

#	ARTICLE	IF	CITATIONS
1	First implantation in man of a new magnetically levitated left ventricular assist device (HeartMate III). <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 858-860.	0.3	159
2	Induced pluripotent stem cell (iPSC)-derived Flk-1 progenitor cells engraft, differentiate, and improve heart function in a mouse model of acute myocardial infarction. <i>European Heart Journal</i> , 2011, 32, 2634-2641.	1.0	147
3	Minimally-invasive LVAD Implantation: State of the Art. <i>Current Cardiology Reviews</i> , 2015, 11, 246-251.	0.6	69
4	Bacteriophage Therapy for Critical Infections Related to Cardiothoracic Surgery. <i>Antibiotics</i> , 2020, 9, 232.	1.5	65
5	Transplantation of purified iPSC-derived cardiomyocytes in myocardial infarction. <i>PLoS ONE</i> , 2017, 12, e0173222.	1.1	53
6	First series of left ventricular assist device exchanges to HeartMate 3. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 887-892.	0.6	44
7	Minimally Invasive Ventricular Assist Device Surgery. <i>Artificial Organs</i> , 2015, 39, 473-479.	1.0	41
8	Minimally Invasive Left Ventricular Assist Device Explantation After Cardiac Recovery: Surgical Technical Considerations. <i>Artificial Organs</i> , 2014, 38, 507-510.	1.0	40
9	Minimally Invasive Off-Pump Left Ventricular Assist Device Exchange: Anterolateral Thoracotomy. <i>Artificial Organs</i> , 2014, 38, 539-542.	1.0	39
10	First series of mechanical circulatory support in non-compaction cardiomyopathy: Is LVAD implantation a safe alternative?. <i>International Journal of Cardiology</i> , 2015, 197, 128-132.	0.8	28
11	Substantial Early Loss of Induced Pluripotent Stem Cells Following Transplantation in Myocardial Infarction. <i>Artificial Organs</i> , 2014, 38, 978-984.	1.0	21
12	First experiences with HeartMate 3 follow-up and adverse events. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 173-178.	0.4	21
13	Five-year results of patients supported by HeartMate II: outcomes and adverse events. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 422-427.	0.6	21
14	Capsular block syndrome: a case report and literature review. <i>Clinical Ophthalmology</i> , 2014, 8, 1507.	0.9	19
15	Circulatory support exceeding five years with a continuous-flow left ventricular assist device for advanced heart failure patients. <i>Journal of Cardiothoracic Surgery</i> , 2015, 10, 107.	0.4	19
16	Minimally invasive left ventricular assist device implantation with outflow graft anastomosis to the innominate artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, e69-e70.	0.4	19
17	Asistencia ventricular izquierda como terapia de destino: ¿la cirugía mínimamente invasiva es una alternativa segura?. <i>Revista Espanola De Cardiología</i> , 2018, 71, 13-17.	0.6	19
18	First results of HeartWare left ventricular assist device implantation with tunnelling of the outflow graft through the transverse sinus. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 25, 503-508.	0.5	18

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19	Transplantation Effectiveness of Induced Pluripotent Stem Cells Is Improved by a Fibrinogen Biomatrix in an Experimental Model of Ischemic Heart Failure. <i>Tissue Engineering - Part A</i> , 2015, 21, 1991-2000.	1.6	16
20	Chronic ventricular assist device support. <i>Current Opinion in Cardiology</i> , 2016, 31, 308-312.	0.8	14
21	In Vitro Evaluation of Inflow Cannula Fixation Techniques in Left Ventricular Assist Device Surgery. <i>Artificial Organs</i> , 2017, 41, 272-275.	1.0	14
22	Identification of characteristics, risk factors, and predictors of recurrent LVAD thrombosis: conditions in HeartWare devices. <i>Journal of Artificial Organs</i> , 2021, 24, 173-181.	0.4	14
23	Rhesus monkey cardiosphere-derived cells for myocardial restoration. <i>Cytotherapy</i> , 2011, 13, 864-872.	0.3	13
24	Aortic Outflow Graft Stenting in Patient With Left Ventricular Assist Device Outflow Graft Thrombosis. <i>Artificial Organs</i> , 2016, 40, 414-416.	1.0	12
25	Left Ventricular Assist Device Therapy for Destination Therapy: Is Less Invasive Surgery a Safe Alternative?. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018, 71, 13-17.	0.4	12
26	Simultaneous Surgery for Corneal Edema and Aphakia. <i>Cornea</i> , 2014, 33, 197-200.	0.9	11
27	Long-term follow-up of total arterial revascularization with left internal thoracic artery and radial artery T-grafts: survival, cardiac morbidity and quality of life. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 1195-1200.	0.6	11
28	Clinical implications of late-onset right ventricular failure after implantation of a continuous-flow left ventricular assist device as bridge to transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 177-185.	0.6	11
29	Offâ€Pump Versus Onâ€Pump Left Ventricular Assist Device Exchange. <i>Artificial Organs</i> , 2014, 38, 992-992.	1.0	10
30	HeartWare left ventricular assist device for the treatment of advanced heart failure. <i>Future Cardiology</i> , 2016, 12, 17-26.	0.5	9
31	Multimodal Imaging for In Vivo Evaluation of Induced Pluripotent Stem Cells in a Murine Model of Heart Failure. <i>Artificial Organs</i> , 2017, 41, 192-199.	1.0	9
32	Patients with ventricular assist device and cerebral entrapmentâ€”Supporting skullcap reimplantation. <i>Artificial Organs</i> , 2021, 45, 473-478.	1.0	9
33	CirugÃa cardiaca mÃnimamente invasiva: Â¿una alternativa segura para pacientes que requieren recambio valvular aÃrtico?. <i>Revista Espanola De Cardiologia</i> , 2013, 66, 685-686.	0.6	8
34	Macroscopic Fluorescence Imaging: A Novel Technique to Monitor Retention and Distribution of Injected Microspheres in an Experimental Model of Ischemic Heart Failure. <i>PLoS ONE</i> , 2014, 9, e101775.	1.1	8
35	Prediction of the Average Value of State Variables for Modulated Power Converters Considering the Modulation and Measuring Method. <i>IEEE Transactions on Industrial Electronics</i> , 2016, 63, 5209-5220.	5.2	8
36	Prognostic Value of the Nutritional Risk Index in Candidates for Continuous Flow Left Ventricular Assist Device Therapy. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 608-615.	0.4	8

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37	Early surgical myocardial revascularization in non-ST-segment elevation acute coronary syndrome. <i>Journal of Thoracic Disease</i> , 2019, 11, 4444-4452.	0.6	8
38	Clinical characteristics and outcomes of patients with adult congenital heart disease listed for heart and heart-lung transplantation in the Eurotransplant region. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 1238-1249.	0.3	8
39	Cardiac recovery following left ventricular assist device therapy: experience of complete device explantation including ventricular patch plasty. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 855-862.	0.6	8
40	Ex-Vivo Preservation with the Organ Care System in High Risk Heart Transplantation. <i>Life</i> , 2022, 12, 247.	1.1	8
41	Does the surgeon's experience have an impact on outcome after total arterial revascularization with composite T-grafts? A risk factor analysis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 749-756.	0.5	7
42	Left ventricular unloading during extracorporeal life support for myocardial infarction with cardiogenic shock: surgical venting versus Impella device. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 137-144.	0.5	7
43	Left Ventricular Assist Device Implantation With Outflow Graft Tunneling Through the Transverse Sinus. <i>Artificial Organs</i> , 2016, 40, 610-612.	1.0	6
44	Heart transplantation after SynCardia® total artificial heart implantation. <i>Annals of Cardiothoracic Surgery</i> , 2020, 9, 98-103.	0.6	6
45	Secondary aortic valve replacement in continuous flow left ventricular assist device therapy. <i>Artificial Organs</i> , 2021, 45, 736-741.	1.0	6
46	Bacteriophage-Enriched Galenic for Intrapericardial Ventricular Assist Device Infection. <i>Antibiotics</i> , 2022, 11, 602.	1.5	6
47	Minimally Invasive Cardiac Surgery: A Safe Alternative for Aortic Valve Replacement?. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2013, 66, 685-686.	0.4	5
48	Facilitating heart transplantability in an end-stage heart failure patient with brain abscess and infected left ventricle assist device—A unique case report. <i>International Journal of Surgery Case Reports</i> , 2020, 71, 213-216.	0.2	5
49	Mechanical circulatory support as a bridge to candidacy in adults with transposition of the great arteries and a systemic right ventricle. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 369-374.	0.6	5
50	Donor-recipient risk assessment tools in heart transplant recipients: the Bad Oeynhausen experience. <i>ESC Heart Failure</i> , 2021, , .	1.4	5
51	Minimally Invasive Implantation: The Procedure of Choice!. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2016, 21, 65-78.	0.2	4
52	Physical Activity Guided by Pulse Pressure in Patients With Continuous Flow Left Ventricular Assist Devices. <i>Circulation</i> , 2017, 135, 1567-1569.	1.6	4
53	First-in-human high-density epicardial mapping and ablation through a left anterior minithoracotomy in an LVAD patient presenting in electrical storm: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab248.	0.3	4
54	OUP accepted manuscript. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, , .	0.5	3

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55	Safety, Mortality, and Hemodynamic Impact of Patients with MitraClip Undergoing Left Ventricular Assist Device Implantation. <i>Journal of Cardiovascular Translational Research</i> , 2022, 15, 676-686.	1.1	3
56	Repair of an acute Type A aortic dissection with LVAD patient after failed mitral and tricuspid operation. <i>Clinical Case Reports (discontinued)</i> , 2016, 4, 387-389.	0.2	2
57	Lessons learned from catheter ablation of ventricular arrhythmias in patients with a fully magnetically levitated left ventricular assist device. <i>Clinical Research in Cardiology</i> , 2022, 111, 574-582.	1.5	2
58	Bacteriophages for the Treatment of Graft Infections in Cardiovascular Medicine. <i>Antibiotics</i> , 2021, 10, 1446.	1.5	2
59	Comprehensive Assessment of the Heartware HVAD Left Ventricular Assist Device With 4-Dimensional Cardiac Computed Tomography. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 1010-1011.	0.4	1
60	Treatment of an Intercostal Left Ventricular Assist Device Prolapse by Upgrading From HeartMate II to HeartMate 3. <i>Artificial Organs</i> , 2018, 42, 242-244.	1.0	1
61	Upper-body cannulation for midterm mechanical circulatory support: A novel bridging strategy to cardiac retransplantation. <i>International Journal of Artificial Organs</i> , 2020, 43, 743-747.	0.7	1
62	Which Approach? Traditional Versus MICS. , 2017, , 241-251.		1
63	The HeartWare Ventricular Assist Device (HVAD): A Single Institutional 10-Year Experience. <i>Thoracic and Cardiovascular Surgeon</i> , 2022, , .	0.4	1
64	A Moving Black Spot in My Vision. <i>JAMA Ophthalmology</i> , 2014, 132, 769.	1.4	0
65	Left Ventricular Assist Device Implantation in a Patient With Severe Cardiac Failure and Unilateral Pulmonary Agenesis. <i>Artificial Organs</i> , 2016, 40, 322-324.	1.0	0
66	Implantation of Ventricular Assist Devices in Hypertrophic Cardiomyopathy. Is It a Safe Option?. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 1024-1025.	0.4	0
67	Implante de dispositivo de asistencia ventricular en miocardiopatía hipertrófica. ¿Es una opción segura?. <i>Revista Espanola De Cardiologia</i> , 2017, 70, 1024-1025.	0.6	0
68	Clinical findings associated with incomplete hemodynamic left ventricular unloading in patients with a left ventricular assist device. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, , .	0.4	0
69	Evolution of thrombolytic therapy in patients with HeartWare ventricular assist device thrombosis: a single-institutional experience. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, , .	0.5	0