Sebastian V Rojas

List of Publications by Year
in descending order

69	1,164	471509 17	414414 32
papers	citations	h-index	g-index

75	75	75	1332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First implantation in man of a new magnetically levitated left ventricular assist device (HeartMate III). Journal of Heart and Lung Transplantation, 2015, 34, 858-860.	0.6	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. European Heart Journal, 2011, 32, 2634-2641.	2.2	147
3	Minimally-invasive LVAD Implantation: State of the Art. Current Cardiology Reviews, 2015, 11, 246-251.	1.5	69
4	Bacteriophage Therapy for Critical Infections Related to Cardiothoracic Surgery. Antibiotics, 2020, 9, 232.	3.7	65
5	Transplantation of purified iPSC-derived cardiomyocytes in myocardial infarction. PLoS ONE, 2017, 12, e0173222.	2.5	53
6	First series of left ventricular assist device exchanges to HeartMate 3. European Journal of Cardio-thoracic Surgery, 2017, 51, 887-892.	1.4	44
7	Minimally Invasive Ventricular Assist Device Surgery. Artificial Organs, 2015, 39, 473-479.	1.9	41
8	Minimally Invasive Left Ventricular Assist Device Explantation After Cardiac Recovery: Surgical Technical Considerations. Artificial Organs, 2014, 38, 507-510.	1.9	40
9	Minimally Invasive Offâ€Pump Left Ventricular Assist Device Exchange: Anterolateral Thoracotomy. Artificial Organs, 2014, 38, 539-542.	1.9	39
10	First series of mechanical circulatory support in non-compaction cardiomyopathy: Is LVAD implantation a safe alternative?. International Journal of Cardiology, 2015, 197, 128-132.	1.7	28
11	Substantial Early Loss of Induced Pluripotent Stem Cells Following Transplantation in Myocardial Infarction. Artificial Organs, 2014, 38, 978-984.	1.9	21
12	First experiences with HeartMate 3 follow-up and adverse events. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 173-178.	0.8	21
13	Five-year results of patients supported by HeartMate II: outcomes and adverse events. European Journal of Cardio-thoracic Surgery, 2018, 53, 422-427.	1.4	21
14	Capsular block syndrome: a case report and literature review. Clinical Ophthalmology, 2014, 8, 1507.	1.8	19
15	Circulatory support exceeding five years with a continuous-flow left ventricular assist device for advanced heart failure patients. Journal of Cardiothoracic Surgery, 2015, 10, 107.	1.1	19
16	Minimally invasive left ventricular assist device implantation with outflow graft anastomosis to the innominate artery. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, e69-e70.	0.8	19
17	Asistencia ventricular izquierda como terapia de destino: Â¿la cirugÃa mÃnimamente invasiva es una alternativa segura?. Revista Espanola De Cardiologia, 2018, 71, 13-17.	1.2	19
18	First results of HeartWare left ventricular assist device implantation with tunnelling of the outflow graft through the transverse sinus. Interactive Cardiovascular and Thoracic Surgery, 2017, 25, 503-508.	1.1	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. Tissue Engineering - Part A, 2015, 21, 1991-2000.	3.1	16
20	Chronic ventricular assist device support. Current Opinion in Cardiology, 2016, 31, 308-312.	1.8	14
21	In Vitro Evaluation of Inflow Cannula Fixation Techniques in Left Ventricular Assist Device Surgery. Artificial Organs, 2017, 41, 272-275.	1.9	14
22	Identification of characteristics, risk factors, and predictors of recurrent LVAD thrombosis: conditions in HeartWare devices. Journal of Artificial Organs, 2021, 24, 173-181.	0.9	14
23	Rhesus monkey cardiosphere-derived cells for myocardial restoration. Cytotherapy, 2011, 13, 864-872.	0.7	13
24	Aortic Outflow Graft Stenting in Patient With Left Ventricular Assist Device Outflow Graft Thrombosis. Artificial Organs, 2016, 40, 414-416.	1.9	12
25	Left Ventricular Assist Device Therapy for Destination Therapy: Is Less Invasive Surgery a Safe Alternative?. Revista Espanola De Cardiologia (English Ed), 2018, 71, 13-17.	0.6	12
26	Simultaneous Surgery for Corneal Edema and Aphakia. Cornea, 2014, 33, 197-200.	1.7	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. European Journal of Cardio-thoracic Surgery, 2016, 49, 1195-1200.	1.4	11
28	Clinical implications of late-onset right ventricular failure after implantation of a continuous-flow left ventricular assist device as bridge to transplantation. European Journal of Cardio-thoracic Surgery, 2021, 60, 177-185.	1.4	11
29	Offâ€Pump Versus Onâ€Pump Left Ventricular Assist Device Exchange. Artificial Organs, 2014, 38, 992-992.	1.9	10
30	HeartWare left ventricular assist device for the treatment of advanced heart failure. Future Cardiology, 2016, 12, 17-26.	1.2	9
31	Multimodal Imaging for In Vivo Evaluation of Induced Pluripotent Stem Cells in a Murine Model of Heart Failure. Artificial Organs, 2017, 41, 192-199.	1.9	9
32	Patients with ventricular assist device and cerebral entrapmentâ€"Supporting skullcap reimplantation. Artificial Organs, 2021, 45, 473-478.	1.9	9
33	CirugÃa cardiaca mÃnimamente invasiva: Â¿una alternativa segura para pacientes que requieren recambio valvular aÃ³rtico?. Revista Espanola De Cardiologia, 2013, 66, 685-686.	1.2	8
34	Macroscopic Fluorescence Imaging: A Novel Technique to Monitor Retention and Distribution of Injected Microspheres in an Experimental Model of Ischemic Heart Failure. PLoS ONE, 2014, 9, e101775.	2.5	8
35	Prediction of the Average Value of State Variables for Modulated Power Converters Considering the Modulation and Measuring Method. IEEE Transactions on Industrial Electronics, 2016, 63, 5209-5220.	7.9	8
36	Prognostic Value of the Nutritional Risk Index in Candidates for Continuous Flow Left Ventricular Assist Device Therapy. Revista Espanola De Cardiologia (English Ed), 2019, 72, 608-615.	0.6	8

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37	Early surgical myocardial revascularization in non-ST-segment elevation acute coronary syndrome. Journal of Thoracic Disease, 2019, 11, 4444-4452.	1.4	8
38	Clinical characteristics and outcomes of patients with adult congenital heart disease listed for heart and heartâ€'lung transplantation in the Eurotransplant region. Journal of Heart and Lung Transplantation, 2020, 39, 1238-1249.	0.6	8
39	Cardiac recovery following left ventricular assist device therapy: experience of complete device explantation including ventricular patch plasty. European Journal of Cardio-thoracic Surgery, 2021, 59, 855-862.	1.4	8
40	Ex-Vivo Preservation with the Organ Care System in High Risk Heart Transplantation. Life, 2022, 12, 247.	2.4	8
41	Does the surgeon's experience have an impact on outcome after total arterial revascularization with composite T-grafts? A risk factor analysis. Interactive Cardiovascular and Thoracic Surgery, 2016, 23, 749-756.	1.1	7
42	Left ventricular unloading during extracorporeal life support for myocardial infarction with cardiogenic shock: surgical venting versus Impella device. Interactive Cardiovascular and Thoracic Surgery, 2022, 34, 137-144.	1.1	7
43	Left Ventricular Assist Device Implantation With Outflow Graft Tunneling Through the Transverse Sinus. Artificial Organs, 2016, 40, 610-612.	1.9	6
44	Heart transplantation after SynCardiaÂ® total artificial heart implantation. Annals of Cardiothoracic Surgery, 2020, 9, 98-103.	1.7	6
45	Secondary aortic valve replacement in continuous flow left ventricular assist device therapy. Artificial Organs, 2021, 45, 736-741.	1.9	6
46	Bacteriophage-Enriched Galenic for Intrapericardial Ventricular Assist Device Infection. Antibiotics, 2022, 11, 602.	3.7	6
47	Minimally Invasive Cardiac Surgery: A Safe Alternative for Aortic Valve Replacement?. Revista Espanola De Cardiologia (English Ed), 2013, 66, 685-686.	0.6	5
48	Facilitating heart transplantability in an end-stage heart failure patient with brain abscess and infected left ventricle assist deviceâ€"A unique case report. International Journal of Surgery Case Reports, 2020, 71, 213-216.	0.6	5
49	Mechanical circulatory support as a bridge to candidacy in adults with transposition of the great arteries and a systemic right ventricle. European Journal of Cardio-thoracic Surgery, 2021, 59, 369-374.	1.4	5
50	Donorâ€"recipient risk assessment tools in heart transplant recipients: the Bad Oeynhausen experience. ESC Heart Failure, 2021, , .	3.1	5
51	Minimally Invasive Implantation: The Procedure of Choice!. Operative Techniques in Thoracic and Cardiovascular Surgery, 2016, 21, 65-78.	0.3	4
52	Physical Activity Guided by Pulse Pressure in Patients With Continuous Flow Left Ventricular Assist Devices. Circulation, 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. European Heart Journal - Case Reports, 2021, 5, ytab248.	0.6	4
54	OUP accepted manuscript. Interactive Cardiovascular and Thoracic Surgery, 2021, , .	1.1	3

#	Article	IF	Citations
55	Safety, Mortality, and Hemodynamic Impact of Patients with MitraClip Undergoing Left Ventricular Assist Device Implantation. Journal of Cardiovascular Translational Research, 2022, 15, 676-686.	2.4	3
56	Repair of an acute Type A aortic dissection with<scp> LVAD</scp> patient after failed mitral and tricuspid operation. Clinical Case Reports (discontinued), 2016, 4, 387-389.	0.5	2
57	Lessons learned from catheter ablation of ventricular arrhythmias in patients with a fully magnetically levitated left ventricular assist device. Clinical Research in Cardiology, 2022, 111, 574-582.	3.3	2
58	Bacteriophages for the Treatment of Graft Infections in Cardiovascular Medicine. Antibiotics, 2021, 10, 1446.	3.7	2
59	Comprehensive Assessment ofÂthe Heartware HVAD LeftÂVentricular Assist Device With 4-DimensionalÂCardiac ComputedÂTomography. Revista Espanola De Cardiologia (English Ed), 2017, 70, 1010-1011.	0.6	1
60	Treatment of an Intercostal Left Ventricular Assist Device Prolapse by Upgrading From HeartMate II to HeartMate 3. Artificial Organs, 2018, 42, 242-244.	1.9	1
61	Upper-body cannulation for midterm mechanical circulatory support: A novel bridging strategy to cardiac retransplantation. International Journal of Artificial Organs, 2020, 43, 743-747.	1.4	1
62	Which Approach? Traditional Versus MICS. , 2017, , 241-251.		1
63	The HeartWare Ventricular Assist Device (HVAD): A Single Institutional 10-Year Experience. Thoracic and Cardiovascular Surgeon, 2022, , .	1.0	1
64	A Moving Black Spot in My Vision. JAMA Ophthalmology, 2014, 132, 769.	2.5	0
65	Left Ventricular Assist Device Implantation in a Patient With Severe Cardiac Failure and Unilateral Pulmonary Agenesis. Artificial Organs, 2016, 40, 322-324.	1.9	0
66	Implantation of Ventricular Assist Devices in Hypertrophic Cardiomyopathy. Is It a Safe Option?. Revista Espanola De Cardiologia (English Ed), 2017, 70, 1024-1025.	0.6	0
67	Implante de dispositivo de asistencia ventricular en miocardiopatÃa hipertrÃ³fica. Â¿EsÂunaÂopciÃ³n segura?. Revista Espanola De Cardiologia, 2017, 70, 1024-1025.	1.2	0
68	Clinical findings associated with incomplete hemodynamic left ventricular unloading in patients with a left ventricular assist device. Revista Espanola De Cardiologia (English Ed), 2021, , .	0.6	0
69	Evolution of thrombolytic therapy in patients with HeartWare ventricular assist device thrombosis: a single-institutional experience. Interactive Cardiovascular and Thoracic Surgery, 2022, , .	1.1	0