

Manuel Castella

List of Publications by Year in descending order

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74
papers

18,487
citations

270111

25
h-index

90395

73
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84
all docs

84
docs citations

84
times ranked

18147
citing authors

#	ARTICLE	IF	CITATIONS
1	Postoperative Quality of Life After Full-sternotomy and Ministernotomy Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2023, 115, 1189-1196.	0.7	3
2	One-year mortality after ICU admission due to COVID-19 infection. <i>Intensive Care Medicine</i> , 2022, 48, 366-368.	3.9	18
3	<i>BAG3</i> Genetic Cardiomyopathy May Overlap Fulminant Myocarditis Clinical Findings. <i>Circulation: Heart Failure</i> , 2022, 15, e008443.	1.6	1
4	2020 ESC Guidelines for the diagnosis and management of atrial fibrillation developed in collaboration with the European Association for Cardio-Thoracic Surgery (EACTS). <i>European Heart Journal</i> , 2021, 42, 373-498.	1.0	5,583
5	Protein network analyses of pulmonary endothelial cells in chronic thromboembolic pulmonary hypertension. <i>Scientific Reports</i> , 2021, 11, 5583.	1.6	10
6	Effectiveness of vancomycin plus cloxacillin compared with vancomycin, cloxacillin and daptomycin single therapies in the treatment of methicillin-resistant and methicillin-susceptible <i>Staphylococcus aureus</i> in a rabbit model of experimental endocarditis. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1539-1546.	1.3	4
7	Resultados inmediatos y a medio plazo de la reparación del prolapso mitral en un centro de referencia nacional. <i>Revista Espanola De Cardiologia</i> , 2021, 74, 462-464.	0.6	2
8	Early and mid-term outcomes of mitral repair due to leaflet prolapse in a national referral center. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 462-464.	0.4	1
9	Outcomes of Septal Myectomy beyond 65 Years, with and without Concomitant Procedures. <i>Journal of Clinical Medicine</i> , 2021, 10, 3499.	1.0	5
10	The evolution of the ventilatory ratio is a prognostic factor in mechanically ventilated COVID-19 ARDS patients. <i>Critical Care</i> , 2021, 25, 331.	2.5	23
11	Combined Heart and Liver Transplantation for Uhl's Anomaly: A Case Report. <i>Transplantation Proceedings</i> , 2021, 53, 2751-2753.	0.3	0
12	Surgery for Hypertrophic Obstructive Cardiomyopathy: Comprehensive LVOT Management beyond Septal Myectomy. <i>Journal of Clinical Medicine</i> , 2021, 10, 4397.	1.0	8
13	Derivation and characterisation of endothelial cells from patients with chronic thromboembolic pulmonary hypertension. <i>Scientific Reports</i> , 2021, 11, 18797.	1.6	9
14	Impact of Bedside Re-Explorations in a Cardiovascular Surgery Intensive Care Unit Led by Surgeons. <i>Journal of Clinical Medicine</i> , 2021, 10, 4288.	1.0	0
15	Operative management of ascending aorta thrombus and bilateral pulmonary embolism in the setting of breast cancer. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1550-1553.	0.3	1
16	Early degeneration of two different tricuspid bioprostheses in restrictive cardiomyopathy. <i>Journal of Cardiac Surgery</i> , 2020, 35, 482-484.	0.3	0
17	Clinical features, ventilatory management, and outcome of ARDS caused by COVID-19 are similar to other causes of ARDS. <i>Intensive Care Medicine</i> , 2020, 46, 2200-2211.	3.9	295
18	Decreased Glycolysis as Metabolic Fingerprint of Endothelial Cells in Chronic Thromboembolic Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 710-713.	1.4	5

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19	Efficacy of dexamethasone treatment for patients with the acute respiratory distress syndrome caused by COVID-19: study protocol for a randomized controlled superiority trial. <i>Trials</i> , 2020, 21, 717.	0.7	35
20	A combined approach to treat heparin-induced thrombocytopenia before heart transplant. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 881-883.	0.5	4
21	SARS-CoV-2-induced Acute Respiratory Distress Syndrome: Pulmonary Mechanics and Gas-Exchange Abnormalities. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1164-1168.	1.5	28
22	Aortic Valve Replacement for Aortic Stenosis in Low-, Intermediate-, and High-Risk Patients: Preliminary Results From a Prospective Multicenter Registry. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 2091-2099.	0.6	6
23	Is it time to treat post-operative atrial fibrillation just like regular atrial fibrillation?. <i>European Heart Journal</i> , 2019, 41, 652-654a.	1.0	9
24	Thoracoscopic vs. catheter ablation for atrial fibrillation: long-term follow-up of the FAST randomized trial. <i>Europace</i> , 2019, 21, 746-753.	0.7	39
25	Closing the gap between type A and type B aortic dissections. <i>Current Opinion in Cardiology</i> , 2019, 34, 621-626.	0.8	3
26	The New 2016 European Society of Cardiology/European Association for Cardio-Thoracic Surgery Guidelines: Enough Guidance? Enough Evidence?. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, i9-i13.	0.6	1
27	Integrating new approaches to atrial fibrillation management: the 6th AFNET/EHRA Consensus Conference. <i>Europace</i> , 2018, 20, 395-407.	0.7	95
28	Mechanical Thrombectomy for Acute Ischemic Stroke Secondary to Infective Endocarditis. <i>Clinical Infectious Diseases</i> , 2018, 66, 1286-1289.	2.9	36
29	2017 EACTS Guidelines on perioperative medication in adult cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 5-33.	0.6	292
30	Epidemiology, Clinical Features, and Outcome of Infective Endocarditis due to <i>Abiotrophia</i> Species and <i>Granulicatella</i> Species: Report of 76 Cases, 2000-2015. <i>Clinical Infectious Diseases</i> , 2018, 66, 104-111.	2.9	40
31	2016 ESC Guidelines for the Management of Atrial Fibrillation Developed in Collaboration With EACTS. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 50.	0.4	280
32	Atrial fibrillation surgery and mitral repair. <i>Journal of Visualized Surgery</i> , 2017, 3, 150-150.	0.2	1
33	2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, e1-e88.	0.6	754
34	2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. <i>European Heart Journal</i> , 2016, 37, 2893-2962.	1.0	5,689
35	2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. <i>Europace</i> , 2016, 18, 1609-1678.	0.7	3,523
36	Beta-3 adrenergic agonists reduce pulmonary vascular resistance and improve right ventricular performance in a porcine model of chronic pulmonary hypertension. <i>Basic Research in Cardiology</i> , 2016, 111, 49.	2.5	36

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37	Safety and feasibility of a novel adjustable mitral annuloplasty ring: a multicentre European experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 249-254.	0.6	11
38	Registro Español de Reparación Valvular 2013. <i>Cirugía Cardiovascular</i> , 2015, 22, 244-247.	0.1	4
39	Exclusion of the left atrial appendage with the TigerPaw II system: a word of caution. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 21, iv256.	0.5	3
40	Association of Myocardial T1-Mapping CMR With Hemodynamics and RV Performance in Pulmonary Hypertension. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 76-82.	2.3	71
41	Methodology manual for European Association for Cardio-Thoracic Surgery (EACTS) clinical guidelines. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, ezv309.	0.6	5
42	Histologic Evidence of Transmurality Four Years After Bipolar Radiofrequency Cox-Maze IV. <i>Annals of Thoracic Surgery</i> , 2015, 100, 328.	0.7	2
43	Medical and Surgical Management for Chronic Thromboembolic Pulmonary Hypertension: A Single Center Experience. <i>Archivos De Bronconeumologia</i> , 2014, 50, 521-527.	0.4	5
44	Tratamiento médico y quirúrgico de la hipertensión pulmonar tromboembólica crónica: experiencia en un único centro. <i>Archivos De Bronconeumologia</i> , 2014, 50, 521-527.	0.4	16
45	Swine Model of Chronic Postcapillary Pulmonary Hypertension with Right Ventricular Remodeling: Long-Term Characterization by Cardiac Catheterization, Magnetic Resonance, and Pathology. <i>Journal of Cardiovascular Translational Research</i> , 2014, 7, 494-506.	1.1	34
46	Surgical ablation in atrial fibrillation: in which patients?. <i>Heart</i> , 2013, 99, 888-892.	1.2	1
47	Transcatheter aortic valve implantation in patients with left main percutaneous coronary intervention. <i>Journal of Heart Valve Disease</i> , 2013, 22, 874-7.	0.5	2
48	Myxoid liposarcoma: an unusual primary cardiac tumour. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, 379-379.	0.6	3
49	Atrial Fibrillation Catheter Ablation Versus Surgical Ablation Treatment (FAST). <i>Circulation</i> , 2012, 125, 23-30.	1.6	357
50	Entrapment of the circular mapping catheter in the mitral valve in two patients undergoing atrial fibrillation ablation. <i>Europace</i> , 2011, 13, 132-133.	0.7	16
51	Current State of the Surgical Treatment of Atrial Fibrillation. <i>Cardiology Research and Practice</i> , 2011, 2011, 1-4.	0.5	4
52	Thoracoscopic pulmonary vein isolation in patients with atrial fibrillation and failed percutaneous ablation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 633-638.	0.4	26
53	Indicaciones de la cirugía en el tratamiento de las taquiarritmias. <i>Cuñas clínicas. Cirugía Cardiovascular</i> , 2010, 17, 143-152.	0.1	1
54	Anatomic aspects of the atrioventricular junction influencing radiofrequency Cox maze IV procedures. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 419-423.	0.4	26

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55	Elective cardiac surgery using Celsior or St. Thomas No. 2 solution: a prospective, single-center, randomized pilot study. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 32, 501-506.	0.6	21
56	Structure/function interface with sequential shortening of basal and apical components of the myocardial band. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, S75-S97.	0.6	42
57	Hemolysis in Mechanical Bileaflet Prostheses: Experience With the Bicarbon Valve. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1291-1296.	0.7	18
58	Diastolic dysfunction in stunned myocardium: a state of abnormal excitation-contraction coupling that is limited by Na ⁺ /H ⁺ exchange inhibition. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, S107-S114.	0.6	15
59	Bioprosthetic leaflet perforation due to repetitive trauma by overknotted sutures. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 106-106.	0.6	2
60	Active myocyte shortening during the "isovolumetric relaxation" phase of diastole is responsible for ventricular suction; "systolic ventricular filling". <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, S98-S106.	0.6	31
61	Acute limb ischemia due to embolization of biological glue after repair of type A aortic dissection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2005, 4, 329-331.	0.5	29
62	Structure function interface with sequential shortening of basal and apical components of the myocardial band. <i>European Journal of Cardio-thoracic Surgery</i> , 2005, 27, 980-987.	0.6	20
63	Effects of cryopreservation on the immunogenicity of porcine arterial allografts in early stages of transplant vasculopathy. <i>Cryobiology</i> , 2005, 51, 130-141.	0.3	20
64	Neurologic Preservation by Na ⁺ /H ⁺ Exchange Inhibition Prior to 90 Minutes of Hypothermic Circulatory Arrest. <i>Annals of Thoracic Surgery</i> , 2005, 79, 646-654.	0.7	29
65	Reduction of systolic and diastolic dysfunction by retrograde coronary sinus perfusion during off-pump coronary surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 127, 1018-1025.	0.4	11
66	A new role for cardioplegic buffering: should acidosis or calcium accumulation be counteracted to salvage jeopardized hearts?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 126, 1442-1448.	0.4	12
67	Conditioned blood reperfusion markedly enhances neurologic recovery after prolonged cerebral ischemia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 126, 1851-1858.	0.4	31
68	Blood cardioplegic protection in profoundly damaged hearts: role of Na ⁺ /H ⁺ exchange inhibition during pretreatment or during controlled reperfusion supplementation. <i>Annals of Thoracic Surgery</i> , 2003, 75, 1238-1245.	0.7	11
69	Myocyte and endothelial effects of preconditioning the jeopardized heart by inhibiting Na ⁺ /H ⁺ exchange. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 124, 1113-1121.	0.4	15
70	Outcome of heart transplantation in patients previously infected with hepatitis C virus. <i>Journal of Heart and Lung Transplantation</i> , 2001, 20, 595-598.	0.3	21
71	The Structure and Function of the Helical Heart and Its Buttress Wrapping. IV. Concepts of Dynamic Function From the Normal Macroscopic Helical Structure. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2001, 13, 342-357.	0.4	62
72	Mitroflow pericardial bioprosthesis experience in aortic valve replacement >60 years of age. <i>Annals of Thoracic Surgery</i> , 1998, 66, S53-S56.	0.7	19

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73	Ascending Aorta to Femoral Bypass with Cryopreserved Vascular Homografts. Asian Cardiovascular and Thoracic Annals, 1995, 3, 90-92.	0.2	0
74	Mitroflow pericardial bioprosthesis: Clinical performance to ten years. Annals of Thoracic Surgery, 1995, 60, S305-S310.	0.7	24