Augusto D'onofrio

List of Publications by Year
in descending order

116	2,762	201385	197535
papers	citations	27 h-index	49 g-index

121	121	121	3424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Pathophysiology of Cardiac Surgery-Associated Acute Kidney Injury (CSA-AKI). International Journal of Artificial Organs, 2008, 31, 166-178.	0.7	247
2	Prevalence and Impact of Atrial Fibrillation in Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic ValveÂReplacement. JACC: Cardiovascular Interventions, 2016, 9, 937-946.	1.1	145
3	Sutureless aortic valve replacement as an alternative treatment for patients belonging to the â€œgray zoneâ€•between transcatheter aortic valve implantation and conventional surgery: A propensity-matched, multicenter analysis. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 1010-1018.	0.4	116
4	Clinical impact and evolution of mitral regurgitation following transcatheter aortic valve replacement: a meta-analysis. Heart, 2015, 101, 1395-1405.	1.2	115
5	Comparison of balloon-expandable vs. self-expandable valves in patients undergoing transfemoral transcatheter aortic valve implantation: from the CENTER-collaboration. European Heart Journal, 2019, 40, 456-465.	1.0	100
6	Incidence and outcomes of emergent cardiac surgery during transfemoral transcatheter aortic valve implantation (TAVI): insights from the European Registry on Emergent Cardiac Surgery during TAVI (EuRECS-TAVI). European Heart Journal, 2018, 39, 676-684.	1.0	91
7	Unravelling the (arte)fact of increased pacemaker rate with the Edwards SAPIEN 3 valve. EuroIntervention, 2015, 11, 343-350.	1.4	86
8	Safety and effectiveness of a selective strategy for coronary artery revascularization before transcatheter aortic valve implantation. Catheterization and Cardiovascular Interventions, 2013, 81, 376-383.	0.7	84
9	Meta-Analysis of Predictors of All-Cause Mortality After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2014, 114, 1447-1455.	0.7	82
10	Beating-Heart Mitral Valve Repair UsingÂaÂNovel ePTFE Cordal ImplantationÂDevice. Journal of the American College of Cardiology, 2018, 71, 25-36.	1.2	71
11	Sex Differences in Transfemoral Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2019, 74, 2758-2767.	1.2	71
12	Predictors, Incidence, and Outcomes of Patients Undergoing Transfemoral Transcatheter Aortic Valve Implantation Complicated by Stroke. Circulation: Cardiovascular Interventions, 2019, 12, e007546.	1.4	71
13	Cardiac rehabilitation after transcatheter versus surgical prosthetic valve implantation for aortic stenosis in the elderly. European Journal of Preventive Cardiology, 2014, 21, 1341-1348.	0.8	66
14	Clinical and hemodynamic outcomes of â€œall-comersâ€•undergoingÂtransapical aortic valve implantation: Results fromÂthe Italian Registry of Trans-Apical AorticÂValve Implantation (I-TA). Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 768-775.	0.4	64
15	Conventional surgery, sutureless valves, and transapical aortic valve replacement: What is the best option for patients with aortic valve stenosis? A multicenter, propensity-matched analysis. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 1065-1071.	0.4	58
16	Impact of preoperative mitral valve regurgitation on outcomes after transcatheter aortic valve implantation. European Journal of Cardio-thoracic Surgery, 2012, 41, 1271-1277.	0.6	56
17	RIFLE Criteria for Cardiac Surgeryâ€“Associated Acute Kidney Injury: Risk Factors and Outcomes. Congestive Heart Failure, 2010, 16, S32-6.	2.0	54
18	Which is the best antiaggregant or anticoagulant therapy after TAVI? A propensity-matched analysis from the ITER registry. The management of DAPT after TAVI. EuroIntervention, 2017, 13, e1392-e1400.	1.4	49

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19	Medium Term Outcomes of Transapical Aortic Valve Implantation: Results From the Italian Registry of Trans-Apical Aortic Valve Implantation. Annals of Thoracic Surgery, 2013, 96, 830-836.	0.7	48
20	Survival and quality of life after repair of acute type A aortic dissection in patients aged 75 years and older justify intervention. European Journal of Cardio-thoracic Surgery, 2006, 29, 386-391.	0.6	46
21	3D-printing model for complex aortic transcatheter valve treatment. International Journal of Cardiology, 2016, 210, 139-140.	0.8	46
22	Mid-term results after extensive vein patch reconstruction and internal mammary grafting of the diffusely diseased left anterior descending coronary artery. European Journal of Cardio-thoracic Surgery, 2002, 21, 1020-1025.	0.6	45
23	The rise of new technologies for aortic valve stenosis: A comparison of sutureless and transcatheter aortic valve implantation. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 99-109.e2.	0.4	45
24	Surgical aortic valve replacement with new-generation bioprostheses: Sutureless versus rapid-deployment. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 432-442.e1.	0.4	34
25	Early and mid-term outcomes of 1904 patients undergoing transcatheter balloon-expandable valve implantation in Italy: results from the Italian Transcatheter Balloon-Expandable Valve Implantation Registry (ITER). European Journal of Cardio-thoracic Surgery, 2016, 50, 1139-1148.	0.6	32
26	Long-term outcomes and prosthesis performance after transcatheter aortic valve replacement: results of self-expandable and balloon-expandable transcatheter heart valves. Annals of Cardiothoracic Surgery, 2017, 6, 473-483.	0.6	31
27	Safety and performance of a novel transventricular beating heart mitral valve repair system: 1-year outcomes. European Journal of Cardio-thoracic Surgery, 2021, 59, 199-206.	0.6	31
28	Transcatheter Aortic Valve Implantation in Patients With Advanced Chronic Kidney Disease. American Journal of Cardiology, 2017, 119, 1438-1442.	0.7	29
29	Prosthetic valve endocarditis: predictors of early outcome of surgical therapy. A multicentric study. European Journal of Cardio-thoracic Surgery, 2017, 52, 768-774.	0.6	29
30	Transfemoral TAVR in Nonagenarians. JACC: Cardiovascular Interventions, 2019, 12, 911-920.	1.1	27
31	Long-term outcomes of sutureless and rapid-deployment aortic valve replacement: a systematic review and meta-analysis. Annals of Cardiothoracic Surgery, 2020, 9, 265-279.	0.6	27
32	Impact of previous cardiac operations on patients undergoing transapical aortic valve implantation: results from the Italian Registry of Transapical Aortic Valve Implantation. European Journal of Cardio-thoracic Surgery, 2012, 42, 480-485.	0.6	26
33	Early and Mid-Term Results of Rapid Deployment Valves: The Intuity Italian Registry (INTU-ITA). Annals of Thoracic Surgery, 2018, 106, 1742-1749.	0.7	23
34	Transapical Aortic Valve Implantation in High-Risk Patients With Severe Aortic Valve Stenosis. Annals of Thoracic Surgery, 2011, 92, 1671-1677.	0.7	22
35	Transapical off-pump echo-guided mitral valve repair with neochordae implantation mid-term outcomes. Annals of Cardiothoracic Surgery, 2021, 10, 131-140.	0.6	22
36	Transfemoral aortic valve implantation with new-generation devices: the repositionable Lotus vs. the balloon-expandable Edwards Sapien 3 valve. Journal of Cardiovascular Medicine, 2018, 19, 655-663.	0.6	21

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37	Surgical redo versus transseptal or transapical transcatheter mitral valveâ€inâ€valve implantation for failed mitral valve bioprosthesis. Catheterization and Cardiovascular Interventions, 2021, 97, 714-722.	0.7	21
38	Results of surgical aortic valve replacement and transapical transcatheter aortic valve replacement in patients with previous coronary artery bypass grafting. Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 806-812.	0.5	18
39	Intermediate Clinical and Hemodynamic Outcomes After Transcatheter Aortic Valve Implantation. Annals of Thoracic Surgery, 2016, 101, 881-888.	0.7	18
40	Does pre-existing aortic regurgitation protect from death in patients who develop paravalvular leak after TAVI?. International Journal of Cardiology, 2017, 233, 52-60.	0.8	18
41	Technique versus technology and the (r)evolution of cardiac surgery: a professional journey from classical surgery to embracing intervention. European Journal of Cardio-thoracic Surgery, 2017, 52, 835-837.	0.6	18
42	Aortic valve replacement with the Sorin Pericarbon Freedom stentless prosthesis: 7 yearsâ€™ experience in 130 patients. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 491-495.	0.4	17
43	Endovascular exclusion of the entire aortic arch with branched stent-grafts after surgery for acute type A aortic dissection. JTCVS Techniques, 2020, 3, 1-8.	0.2	17
44	Shifting a Paradigm of Cardiac Surgery: From Minimally Invasive to Micro-Invasive. Journal of Heart Valve Disease, 2015, 24, 528-30.	0.5	17
45	Endovascular treatment of aortic arch aneurysm with a single-branched double-stage stent graft. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, e75-e77.	0.4	16
46	Transapical beating heart mitral valve repair versus conventional surgery: a propensity-matched study. Interactive Cardiovascular and Thoracic Surgery, 2022, 35, .	0.5	15
47	When does transapical aortic valve replacement become a futile procedure? An analysis from a national registry. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 973-980.	0.4	13
48	Incidence, predictors and outcomes of valve-in-valve TAVI: A systematic review and meta-analysis. International Journal of Cardiology, 2020, 316, 64-69.	0.8	13
49	Aortic valve calcium scoring is a predictor of paravalvular aortic regurgitation after transcatheter aortic valve implantation. Annals of Cardiothoracic Surgery, 2012, 1, 156-9.	0.6	13
50	Clinical and hemodynamic outcomes after aortic valve replacement with stented and stentless pericardial xenografts: a propensity-matched analysis. Journal of Heart Valve Disease, 2011, 20, 319-25; discussion 326.	0.5	13
51	Transcatheter aortic valve implantation and bleeding: Focus on Valve Academic Research Consortium-2 classification. International Journal of Cardiology, 2013, 168, 5001-5003.	0.8	12
52	One-Stage Off-Pump Transapical Mitral Valve Repair and Aortic Valve Replacement. Circulation, 2015, 131, e430-4.	1.6	11
53	Predictive ability of the CHADS₂and CHA₂DS₂-VASc scores for stroke after transcatheter aortic balloon-expandable valve implantation: an Italian Transcatheter Balloon-Expandable Valve Implantation Registry (ITER) sub-analysis. European Journal of Cardio-thoracic Surgery, 2016, 50, 867-873.	0.6	11
54	Transoesophageal echo-guided mitral valve repair using the Harpoon system. European Journal of Cardio-thoracic Surgery, 2018, 53, 871-873.	0.6	11

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55	Recurrent autoimmune myocarditis in a young woman during the coronavirus disease 2019 pandemic. ESC Heart Failure, 2021, 8, 756-760.	1.4	11
56	Long-term results of aortic valve replacement with Edwards Prima Plus stentless bioprosthesis: eleven years' follow up. Journal of Heart Valve Disease, 2006, 15, 691-5; discussion 695.	0.5	11
57	Outcomes in Valve-in-Valve Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2022, 172, 81-89.	0.7	11
58	Endovascular Treatment of Aberrant Right Subclavian (Lusorian) Artery to Oesophagus Fistula: A Case Report. Vascular and Endovascular Surgery, 2008, 42, 394-396.	0.3	10
59	Simultaneous transapical aortic and mitral valve-in-valve implantation for double prostheses dysfunction: Case report and technical insights. Catheterization and Cardiovascular Interventions, 2014, 84, 509-512.	0.7	10
60	Impact of type of intervention for aortic valve replacement on heart rate variability. International Journal of Cardiology, 2015, 197, 11-15.	0.8	10
61	Early and Midterm Clinical and Hemodynamic Outcomes of Transcatheter Valve-in-Valve Implantation: Results From a Multicenter Experience. Annals of Thoracic Surgery, 2016, 102, 1966-1973.	0.7	10
62	Impact of Changes in Left Ventricular Ejection Fraction on Survival After Transapical Aortic Valve Implantation. Annals of Thoracic Surgery, 2017, 103, 559-566.	0.7	10
63	Mycobacterium chimaera infections following cardiac surgery in Italy. Journal of Cardiovascular Medicine, 2018, 19, 748-755.	0.6	10
64	Microinvasive cardiac surgery: when less is moreâ€"â€˜render to Caesar the things that are Caesarâ€™s; and to the surgeon the things that are the surgeonsâ€™â€™. European Journal of Cardio-thoracic Surgery, 2022, 62, .	0.6	10
65	Transapical aortic valve replacement is a safe option in patients with poor left ventricular ejection fraction: results from the Italian Transcatheter Balloon-Expandable Registry (ITER)â€. European Journal of Cardio-thoracic Surgery, 2017, 52, 874-880.	0.6	9
66	Biological versus mechanical aortic valve replacement in non-elderly patients: a single-centre analysis of clinical outcomes and quality of life. Interactive Cardiovascular and Thoracic Surgery, 2021, 32, 515-521.	0.5	9
67	Evaluation of Conduction Disorders after Aortic Valve Replacement with Rapid Deployment Bioprostheses. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 356-360.	0.4	8
68	Transapical mitral valve repair procedures: Primetime for microinvasive mitral valve surgery. Journal of Cardiac Surgery, 2022, 37, 4053-4061.	0.3	8
69	Post-Traumatic Rupture of the Anterolateral Papillary Muscle. Annals of Thoracic Surgery, 2009, 88, 1664-1666.	0.7	7
70	The impact of transcatheter aortic valve implantation on patients' profiles and outcomes of aortic valve surgery programmes: a multi-institutional appraisal. Interactive Cardiovascular and Thoracic Surgery, 2013, 16, 608-611.	0.5	7
71	Monitoring Patients Reported Outcomes after Valve Replacement Using Wearable Devices: Insights on Feasibility and Capability Study: Feasibility Results. International Journal of Environmental Research and Public Health, 2021, 18, 7171.	1.2	7
72	Balloon-Expandable versus Self-Expandable Valves in Transcatheter Aortic Valve Implantation: Complications and Outcomes from a Large International Patient Cohort. Journal of Clinical Medicine, 2021, 10, 4005.	1.0	7

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73	Echocardiographic followâ€up after transcatheter aortic valve replacement. Echocardiography, 2017, 34, 267-278.	0.3	6
74	Clinical and Hemodynamic Outcomes of Rapid-Deployment Aortic Bioprostheses. Seminars in Thoracic and Cardiovascular Surgery, 2022, 34, 453-461.	0.4	6
75	Left ventricular remodeling, hemodynamics and early clinical outcomes after aortic valve replacement with the Pericarbon Freedom stentless bioprosthesis: results from the Italian Prospective Multicenter Trial. Journal of Heart Valve Disease, 2011, 20, 531-9.	0.5	6
76	Total Endovascular Aortic Arch Repair: From Dream to Reality. Medicina (Lithuania), 2022, 58, 372.	0.8	6
77	Acute ascending aortic dissection during transaortic balloon-expandable aortic valve implantation. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, e97-e99.	0.4	5
78	Open transcatheter tricuspid balloon expandable valve-in-valve implantation for failed bioprosthesis. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, e3-e5.	0.4	5
79	Comparison of hemodynamic and clinical outcomes of transcatheter and sutureless aortic bioprostheses: how to make the right choice in intermediate risk patients. Annals of Cardiothoracic Surgery, 2017, 6, 510-515.	0.6	5
80	Feasibility of percutaneous coronary intervention before mitral NeoChord implantation: Singleâ€center early results. Journal of Cardiac Surgery, 2021, 36, 4205-4210.	0.3	5
81	Bailout Implantation of a New Single-Branch Stent Graft for the Aortic Arch. Annals of Thoracic Surgery, 2020, 110, e371-e373.	0.7	5
82	The valuable interaction among cardiac surgeon and electrophysiologist for transvenous rotational mechanical lead extraction. PACE - Pacing and Clinical Electrophysiology, 2021, , .	0.5	5
83	Intraoperative coronary angiography in postinfarction ventricular free wall rupture: how technology can change diagnostic and therapeutic timing. Interactive Cardiovascular and Thoracic Surgery, 2008, 7, 733-735.	0.5	4
84	Sapien XT implantation under direct vision as a bail-out procedure in case of hostile aortic root: A reasonable alternative for stentless bioprosthesis reoperation. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, e36-e38.	0.4	4
85	An Unexpected Finding. JACC: Cardiovascular Interventions, 2014, 7, e187-e189.	1.1	4
86	Hyperacute Valve Thrombosis After Transapical Transcatheter Aortic Valve Replacement in a Patient With PolycythemiaÂVera. JACC: Cardiovascular Interventions, 2016, 9, 1746-1747.	1.1	4
87	Left ventricular pseudoaneurysm after transapical aortic valve-in-valve implantation. European Journal of Cardio-thoracic Surgery, 2016, 49, 1010-1011.	0.6	4
88	Minimally Invasive vs Conventional Aortic Valve Replacement With Rapid-Deployment Bioprostheses. Annals of Thoracic Surgery, 2021, 111, 1916-1922.	0.7	4
89	Using Wearable Devices to Monitor Physical Activity in Patients Undergoing Aortic Valve Replacement: Protocol for a Prospective Observational Study. JMIR Research Protocols, 2020, 9, e20072.	0.5	4
90	Transaortic balloon-expandable aortic valve implantation. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, 1453-1455.	0.4	3

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91	Transapical Deployment of Thoracic Stent Graft for Ascending Aorta Coronary Bypass Pseudoaneurysm in a Patient with Prosthetic Aortic Valve. Aorta, 2019, 07, 029-032.	0.1	3
92	Clinicopathological insights from early structural valve deterioration of a surgical and transcatheter valveâ€inâ€valve mitral bioprotheses. Journal of Cardiac Surgery, 2021, 36, 4427-4430.	0.3	3
93	Transapical Antegrade Ascending Aorta Stent-Grafting: Going Through the Front Door. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 523-528.	0.4	3
94	The Inclusion Technique Reduces Ischemia After Stentless Aortic Root Replacement. Annals of Thoracic Surgery, 2008, 85, 1143-1144.	0.7	2
95	Is oral anticoagulation effective in preventing transcatheter aortic valve implantation failure? A propensity matched analysis of the Italian Transcatheter balloon-Expandable valve Registry study. Journal of Cardiovascular Medicine, 2020, 21, 51-57.	0.6	2
96	One-stage off pump combined transapical aortic valve replacement and ascending aorta endografting. European Journal of Cardio-thoracic Surgery, 2021, 59, 503-505.	0.6	2
97	Can Patients Be Transplanted or Undergo Ventricular Assist Device Placement During the COVID-19 Pandemic? Padova Perspective. ASAIO Journal, 2021, 67, 395-396.	0.9	2
98	Valveâ€shaped thrombus underneath an aortic bioprosthesis. Journal of Cardiac Surgery, 2021, 36, 3846-3847.	0.3	2
99	Aortic Valve Replacement in Redo-Scenarios: A Comparison Between Traditional Aortic Valve Replacement (TAVR) and Transapical-TAVR from Two Real-World Multicenter Registries. Journal of Heart Valve Disease, 2015, 24, 669-678.	0.5	2
100	Emergency Endovascular Total Arch Exclusion With an Off-the-Shelf Bimodular Device. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2022, 17, 64-66.	0.4	2
101	Surgical ventricular reconstruction with different myocardial protection strategies. A propensity matched analysisâ˜†. Interactive Cardiovascular and Thoracic Surgery, 2010, 10, 530-534.	0.5	1
102	Percutaneous Access, No Matter What!. Journal of the American College of Cardiology, 2015, 65, 309-310.	1.2	1
103	Double Transapical Access During Neochord Implantation. Annals of Thoracic Surgery, 2022, 113, e291-e293.	0.7	1
104	Abnormal heart rate variability and atrial fibrillation after aortic surgery. Brazilian Journal of Cardiovascular Surgery, 2014, 30, 55-62.	0.2	1
105	An effective balance is based on many pillars. Interactive Cardiovascular and Thoracic Surgery, 2022, 35, .	0.5	1
106	Intraoperative coronary angiography: With or without ischemia?. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 1577.	0.4	0
107	TCT-709 Early and Mid-term Outcomes Of 1904 Patients Undergoing Transcatheter Balloon-Expandable Valve Implantation: results the ITER Registry. Journal of the American College of Cardiology, 2014, 64, B208.	1.2	0
108	TCT-6 The CENTER-Collaboration: Outcomes in patients undergoing transfemoral transcatheter aortic valve implantation with balloon-expandable valves versus self-expandable valves.. Journal of the American College of Cardiology, 2018, 72, B3.	1.2	0

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109	TCT-71 Predictors, incidence and outcomes of patients undergoing transcatheter aortic valve implantation complicated by stroke â€“ From the CENTER-Collaboration. Journal of the American College of Cardiology, 2018, 72, B31.	1.2	0
110	TCT-745 Insights Into Sex Differences in Transfemoral Transcatheter Aortic Valve Implantation From 2007â€“2018: From the CENTER Collaboration, A Global Patient-Level Analysis of 12,381 Patients. Journal of the American College of Cardiology, 2019, 74, B731.	1.2	0
111	A New and Unexpected Complication After Arch Stent Grafting for Residual Dissection. Annals of Thoracic Surgery, 2020, 109, e429-e430.	0.7	0
112	Transcatheter valve-in-valve implantation for degenerated aortic bioprostheses: Still not ready for prime-time. International Journal of Cardiology, 2020, 300, 117-118.	0.8	0
113	Regarding â€œRapid development of an iatrogenic aortic dissection following transcatheter aortic valve implantationâ€. Forensic Science, Medicine, and Pathology, 2020, 16, 751-752.	0.6	0
114	Author Reply to Commentary: Letâ€™s fill in the glass!. Journal of Thoracic and Cardiovascular Surgery, 2022, , .	0.4	0
115	Reply: The scientific method is needed to create scientific principles. JTCVS Open, 2022, , .	0.2	0
116	The Role of the Nexus Aortic Arch System in Reducing Neurological Events after Aortic Arch Repair. Aorta, 2022, , .	0.1	0