Nicolo Piazza

List of Publications by Year
in descending order

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Version: 2024-02-01

102	15,022	53794	37204
papers	citations	45 h-index	96 g-index

103	103	103	8910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expanding the Role of Coronary Computed Tomography Angiography in Interventional Cardiology. Circulation, 2022, 145, 5-7.	1.6	2
2	Commissural or Coronary Alignment for TAVR?. JACC: Cardiovascular Interventions, 2022, 15, 147-149.	2.9	8
3	Membranous septum morphology and risk of conduction abnormalities after transcatheter aortic valve implantation. EuroIntervention, 2022, 17, 1061-1069.	3.2	9
4	The 20-year â€œimaging sagaâ€•for transcatheter aortic valve implantation: A viewpoint. Archives of Cardiovascular Diseases, 2022, 115, 225-230.	1.6	0
5	Outcomes of Redo Transcatheter Aortic Valve Replacement According to the Initial and Subsequent Valve Type. JACC: Cardiovascular Interventions, 2022, 15, 1543-1554.	2.9	12
6	Distribution of Câ€arm projections in native and bioprosthetic aortic valves cusps: Implication for BASILICA procedures. Catheterization and Cardiovascular Interventions, 2021, 97, E580-E587.	1.7	2
7	Failing Surgical Aortic Valve?. JACC: Cardiovascular Interventions, 2021, 14, 221-223.	2.9	5
8	Transseptal implantation of the HighLife self-expandable mitral valve in a patient with severe secondary mitral regurgitation and heart failure. Kardiologia Polska, 2021, 79, 708-709.	0.6	0
9	Neo-LVOT and Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Imaging, 2021, 14, 854-866.	5.3	60
10	Valve Academic Research Consortium 3: updated endpoint definitions for aortic valve clinical research. European Heart Journal, 2021, 42, 1825-1857.	2.2	342
11	Prognostic Value of Handgrip Strength in Older Adults Undergoing Cardiac Surgery. Canadian Journal of Cardiology, 2021, 37, 1760-1766.	1.7	16
12	Diagnostic Work-Up of the Aortic Patient: An Integrated Approach toward the Best Therapeutic Option. Journal of Clinical Medicine, 2021, 10, 5120.	2.4	2
13	Advances in transcatheter mitral and tricuspid therapies. BMC Cardiovascular Disorders, 2020, 20, 1.	1.7	91
14	Inequity in Access to Transcatheter Aortic Valve Replacement: A Pan-Canadian Evaluation of Wait-Times. Canadian Journal of Cardiology, 2020, 36, 844-851.	1.7	18
15	Transcatheter Treatment of Residual Significant Mitral Regurgitation Following TAVR. JACC: Cardiovascular Interventions, 2020, 13, 2782-2791.	2.9	29
16	Patient-Specific Computer Simulation in TAVR. JACC: Cardiovascular Interventions, 2020, 13, 1813-1815.	2.9	3
17	A Case of TAVR Complicated by Severe Functional Mitral Regurgitation. Canadian Journal of Cardiology, 2020, 36, 1977.e13-1977.e15.	1.7	1
18	Optimal Fluoroscopic Projections of Coronary Ostia and Bifurcations Defined by Computed Tomographic Coronary Angiography. JACC: Cardiovascular Interventions, 2020, 13, 2560-2570.	2.9	28

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19	Coronary ostial eccentricity in severe aortic stenosis: Guidance for BASILICA transcatheter leaflet laceration. Journal of Cardiovascular Computed Tomography, 2020, 14, 516-519.	1.3	14
20	Restricted mean survival time of older adults with severe aortic stenosis referred for transcatheter aortic valve replacement. BMC Cardiovascular Disorders, 2020, 20, 299.	1.7	3
21	Recursive multiresolution convolutional neural networks for 3D aortic valve annulus planimetry. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 577-588.	2.8	10
22	Chimney Stenting for Coronary Occlusion During TAVR. JACC: Cardiovascular Interventions, 2020, 13, 751-761.	2.9	90
23	Frailty and Bleeding in Older Adults Undergoing TAVR or SAVR. JACC: Cardiovascular Interventions, 2020, 13, 1058-1068.	2.9	36
24	Predictors of adverse outcomes after transcatheter mitral valve replacement. Expert Review of Cardiovascular Therapy, 2019, 17, 625-632.	1.5	7
25	Imaging of Aortic Valve Cusps Using Commissural Alignment. JACC: Cardiovascular Imaging, 2019, 12, 2262-2265.	5.3	5
26	Understanding the Interaction Between Transcatheter Aortic Valve Prostheses and Supra-Annular Structures From Post-Implant Stent Geometry. JACC: Cardiovascular Interventions, 2019, 12, 1164-1171.	2.9	27
27	Novel Multiphase Assessment for Predicting Left Ventricular Outflow Tract Obstruction Before Transcatheter MitralÂValve Replacement. JACC: Cardiovascular Interventions, 2019, 12, 2402-2412.	2.9	49
28	Mitral regurgitation in heart failure: time for a rethink. European Heart Journal, 2019, 40, 2189-2193.	2.2	38
29	Sex-Specific Determinants of Outcomes After Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Quality and Outcomes, 2019, 12, e005363.	2.2	36
30	Multimodality Imaging of the Tricuspid Valve and Right Heart Anatomy. JACC: Cardiovascular Imaging, 2019, 12, 516-531.	5.3	77
31	Transcatheter Aortic-Valve Replacement with a Self-Expanding Valve in Low-Risk Patients. New England Journal of Medicine, 2019, 380, 1706-1715.	27.0	2,530
32	Transcatheter Aortic Valve Replacement Outcomes in Patients With Native vs Transplanted Kidneys: Data From an International Multicenter Registry. Canadian Journal of Cardiology, 2019, 35, 1114-1123.	1.7	12
33	Eyes of the Heart Team â€“ the interventional imaging specialist: a pathway for future generations. EuroIntervention, 2019, 15, 828-830.	3.2	0
34	Predicting TMVR outcomes â€“ the Tendyne experience. EuroIntervention, 2019, 15, e1033-e1034.	3.2	2
35	1-Year Outcomes of Transcatheter Mitral Valve Replacement in Patients With Severe Mitral Annular Calcification. Journal of the American College of Cardiology, 2018, 71, 1841-1853.	2.8	288
36	Association of Depression With Mortality in Older Adults Undergoing Transcatheter or Surgical Aortic Valve Replacement. JAMA Cardiology, 2018, 3, 191.	6.1	36

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37	Interaction Between Frailty and AccessÂSite in Older Adults Undergoing Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 2185-2192.	2.9	16
38	Malnutrition and Mortality in Frail and Non-Frail Older Adults Undergoing Aortic Valve Replacement. Circulation, 2018, 138, 2202-2211.	1.6	79
39	Arrhythmias and Conduction Disturbances Following TranscatheterÂAortic Valve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 1506-1508.	2.9	0
40	Fluoroscopic Anatomy of Right-Sided Heart Structures for Transcatheter Interventions. JACC: Cardiovascular Interventions, 2018, 11, 1614-1625.	2.9	25
41	Impact of transcatheter aortic valve implantation on surgical aortic valve. International Journal of Cardiology, 2017, 243, 145-149.	1.7	2
42	Surgical or Transcatheter Aortic-Valve Replacement in Intermediate-Risk Patients. New England Journal of Medicine, 2017, 376, 1321-1331.	27.0	2,249
43	Transcatheter Aortic Valves for FailingÂSurgical Mitral Prostheses andÂMitral Annular Calcification. JACC: Cardiovascular Interventions, 2017, 10, 1943-1945.	2.9	1
44	Standardized definitions of structural deterioration and valve failure in assessing long-term durability of transcatheter and surgical aortic bioprosthetic valves: a consensus statement from the European Association of Percutaneous Cardiovascular Interventions (EAPCI) endorsed by the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS). European Journal of Cardio-thoracic Surgery, 2017, 52, 408-417.	2.2	335
45	Standardized definitions of structural deterioration and valve failure in assessing long-term durability of transcatheter and surgical aortic bioprosthetic valves: a consensus statement from the European Association of Percutaneous Cardiovascular Interventions (EAPCI) endorsed by the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS). European Journal of Cardio-thoracic Surgery, 2017, 52, 408-417.	1.4	160
46	Frailty in Older Adults Undergoing AorticÂValve Replacement. Journal of the American College of Cardiology, 2017, 70, 689-700.	2.8	561
47	Relation Between Clinical Best Practices and 6-Month Outcomes After Transcatheter Aortic Valve Implantation With CoreValve (from the ADVANCE II Study). American Journal of Cardiology, 2017, 119, 84-90.	1.6	20
48	The â€œhidden experimentâ€• percutaneous vs. surgical cut-down for transfemoral transcatheter aortic valve implantation. EuroIntervention, 2017, 12, 1925-1926.	3.2	0
49	Three-dimensional echocardiography vs. computed tomography for transcatheter aortic valve replacement sizing. European Heart Journal Cardiovascular Imaging, 2016, 17, jev238.	1.2	47
50	Transcatheter Mitral Valve Replacement inÂNativeÂMitral Valve Disease With SevereÂMitralÂAnnular Calcification. JACC: Cardiovascular Interventions, 2016, 9, 1361-1371.	2.9	257
51	Prestenting for prevention of melody valve stent fractures: A systematic review and metaâ€analysis. Catheterization and Cardiovascular Interventions, 2016, 87, 534-539.	1.7	26
52	Considerations and Recommendations for the Introduction of Objective Performance Criteria for Transcatheter Aortic Heart Valve Device Approval. Circulation, 2016, 133, 2086-2093.	1.6	12
53	Outcomes of Redo Transcatheter Aortic Valve Replacement for the Treatment of Postprocedural and Late Occurrence of Paravalvular Regurgitation and Transcatheter Valve Failure. Circulation: Cardiovascular Interventions, 2016, 9, .	3.9	83
54	Quantification of paravalvular regurgitation after transcatheter aortic valve implantation: improved accuracy means better standardization. European Heart Journal Cardiovascular Imaging, 2016, 17, 861-862.	1.2	0

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55	Optimal fluoroscopic viewing angles of left-sided heart structures in patients with aortic stenosis and mitral regurgitation based on multislice computed tomography. Journal of Cardiovascular Computed Tomography, 2016, 10, 162-172.	1.3	26
56	Transcarotid Transcatheter Aortic ValveÂReplacement. JACC: Cardiovascular Interventions, 2016, 9, 472-480.	2.9	124
57	Transcatheter Aortic Valve Replacement and New Conduction Abnormalities/Permanent Pacemaker. JACC: Cardiovascular Interventions, 2016, 9, 255-258.	2.9	10
58	Psoas Muscle Area and All-Cause Mortality After Transcatheter Aortic Valve Replacement: The Montreal-Munich Study. Canadian Journal of Cardiology, 2016, 32, 177-182.	1.7	75
59	Mitral Annular Dimensions and Geometry in Patients With Functional Mitral Regurgitation and Mitral Valve Prolapse. JACC: Cardiovascular Imaging, 2016, 9, 269-280.	5.3	75
60	VARC endpoint definition compliance rates in contemporary transcatheter aortic valve implantation studies. EuroIntervention, 2016, 12, 375-380.	3.2	12
61	Fluoroscopic â€œheart chamberâ€•anatomy â€“ the case for imaging modality-independent terminology. EuroIntervention, 2016, 12, Y9-Y15.	3.2	11
62	Transcatheter mitral valve interventions: Eldorado or Waterloo for interventional cardiologists?. EuroIntervention, 2016, 12, Y56-Y57.	3.2	1
63	A Systematic Review and Meta-Analysis of Outcomes Following Mitral Valve Surgery in Patients with Significant Functional Mitral Regurgitation and Left Ventricular Dysfunction. Journal of Heart Valve Disease, 2016, 25, 696-707.	0.5	6
64	Transcatheter heart valve failure: a systematic review. European Heart Journal, 2015, 36, 1306-1327.	2.2	183
65	Percutaneous Pulmonary Valve Implantation. Journal of the American College of Cardiology, 2015, 66, 2246-2255.	2.8	65
66	Percutaneous Transcatheter Mitral Valve Replacement: Patient-specific Three-dimensional Computer-based Heart Model and Prototyping. Revista Espanola De Cardiologia (English Ed), 2015, 68, 1165-1173.	0.6	9
67	Structural Valve Deterioration 4 Years After Transcatheter Aortic Valve Replacement. Circulation, 2015, 131, 682-685.	1.6	7
68	Clinical trial design principles and endpoint definitions for transcatheter mitral valve repair and replacement: part 2: endpoint definitions. European Heart Journal, 2015, 36, 1878-1891.	2.2	133
69	Prediction of fluoroscopic angulation and coronary sinus location by CT in the context of transcatheter mitral valve implantation. Journal of Cardiovascular Computed Tomography, 2015, 9, 183-192.	1.3	46
70	Multimodality Imaging in the Context of Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Imaging, 2015, 8, 1191-1208.	5.3	158
71	Transcatheter Aortic Valve Replacement Failure. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	13
72	Outcome Reporting in Cardiac Surgery Trials: Systematic Review and Critical Appraisal. Journal of the American Heart Association, 2015, 4, e002204.	3.7	23

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73	The Medtronic transcatheter mitral valve implantation system. EuroIntervention, 2015, 14, W80-W81.	3.2	6
74	Redo aortic valve surgery versus transcatheter valve-in-valve implantation for failing surgical bioprosthetic valves: consecutive patients in a single-center setting. Journal of Thoracic Disease, 2015, 7, 1494-500.	1.4	47
75	Cost-utility of transcatheter aortic valve implantation for inoperable patients with severe aortic stenosis treated by medical management: a UK cost-utility analysis based on patient-level data from the ADVANCE study. Open Heart, 2014, 1, e000155.	2.3	33
76	Transcatheter Aortic Valve Replacement inÂBicuspid Aortic Valve Disease. Journal of the American College of Cardiology, 2014, 64, 2330-2339.	2.8	280
77	Transcatheter Aortic Valve Implantation in Failed Bioprosthetic Surgical Valves. JAMA - Journal of the American Medical Association, 2014, 312, 162.	7.4	762
78	Open issues in transcatheter aortic valve implantation. Part 1: patient selection and treatment strategy for transcatheter aortic valve implantation. European Heart Journal, 2014, 35, 2627-2638.	2.2	96
79	Erroneous Measurement of the Aortic Annular Diameter Using 2-Dimensional Echocardiography Resulting in Inappropriate CoreValve Size Selection. JACC: Cardiovascular Interventions, 2014, 7, 652-661.	2.9	55
80	Fluoroscopic Anatomy of Left-Sided Heart Structures for Transcatheter Interventions. JACC: Cardiovascular Interventions, 2014, 7, 947-957.	2.9	52
81	Open issues in transcatheter aortic valve implantation. Part 2: procedural issues and outcomes after transcatheter aortic valve implantation. European Heart Journal, 2014, 35, 2639-2654.	2.2	105
82	Percutaneous Transcatheter Mitral Valve Replacement. Circulation: Cardiovascular Interventions, 2014, 7, 400-409.	3.9	142
83	Acute kidney injury after transcatheter aortic valve implantation: Incidence, predictors and impact on mortality. Archives of Cardiovascular Diseases, 2014, 107, 133-139.	1.6	104
84	Oversizing in transcatheter aortic valve replacement, a commonly used term but a poorly understood one: Dependency on definition and geometrical measurements. Journal of Cardiovascular Computed Tomography, 2014, 8, 67-76.	1.3	69
85	Measurements matters: the case for 3D MSCT software for aortic annulus quantification. EuroIntervention, 2014, 10, 294-295.	3.2	1
86	Medtronic transcatheter mitral valve replacement. EuroIntervention, 2014, 10, U112-U114.	3.2	11
87	First-in-human experience with the Medtronic CoreValve Evolut R. EuroIntervention, 2014, 9, 1260-1263.	3.2	68
88	Patient selection for transcatheter aortic valve implantation: Patient risk profile and anatomical selection criteria. Archives of Cardiovascular Diseases, 2012, 105, 165-173.	1.6	45
89	Updated Standardized Endpoint Definitions for Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2012, 60, 1438-1454.	2.8	1,560
90	Standardized Endpoint Definitions for Transcatheter Aortic Valve Implantation Clinical Trials. Journal of the American College of Cardiology, 2011, 57, 253-269.	2.8	735

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91	Assessment of the aortic annulus by multislice computed tomography, contrast aortography, and transâ€thoracic echocardiography in patients referred for transcatheter aortic valve implantation. Catheterization and Cardiovascular Interventions, 2011, 77, 868-875.	1.7	82
92	Standardized endpoint definitions for transcatheter aortic valve implantation clinical trials: a consensus report from the Valve Academic Research Consortium. European Heart Journal, 2011, 32, 205-217.	2.2	719
93	Adoption of Transcatheter Aortic Valve Implantation in Western Europe. Interventional Cardiology Review, 2011, 9, 37.	1.6	9
94	Two cases of aneurysm of the anterior mitral valve leaflet associated with transcatheter aortic valve endocarditis: A mere coincidence?. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, e36-e38.	0.8	26
95	Relationship between the logistic EuroSCORE and the Society of Thoracic Surgeons Predicted Risk of Mortality score in patients implanted with the CoreValve ReValving Systemâ€"A Bern-Rotterdam Study. American Heart Journal, 2010, 159, 323-329.	2.7	149
96	Persistent conduction abnormalities and requirements for pacemaking six months after transcatheter aortic valve implantation. EuroIntervention, 2010, 6, 475-484.	3.2	104
97	Implantation of two selfâ€expanding aortic bioprosthetic valves during the same procedureâ€"Insights into valveâ€inâ€valve implantation (â€œRussian doll conceptâ€). Catheterization and Cardiovascular Interventions, 2009, 73, 530-539.	1.7	77
98	Feasibility of complex coronary intervention in combination with percutaneous aortic valve implantation in patients with aortic stenosis using percutaneous left ventricular assist device (TandemHeartÂ®). Catheterization and Cardiovascular Interventions, 2009, 73, 161-166.	1.7	13
99	Transcatheter Mitral and Pulmonary Valve Therapy. Journal of the American College of Cardiology, 2009, 53, 1837-1851.	2.8	32
100	A comparison of patient characteristics and 30-day mortality outcomes after transcatheter aortic valve implantation and surgical aortic valve replacement for the treatment of aortic stenosis: a two-centre study. EuroIntervention, 2009, 5, 580-588.	3.2	54
101	Early and Persistent Intraventricular Conduction Abnormalities and Requirements for Pacemaking After Percutaneous Replacement of the Aortic Valve. JACC: Cardiovascular Interventions, 2008, 1, 310-316.	2.9	323
102	Anatomy of the Aortic Valvar Complex and Its Implications for Transcatheter Implantation of the Aortic Valve. Circulation: Cardiovascular Interventions, 2008, 1, 74-81.	3.9	525