

Francesco Nappi

List of Publications by Year in descending order

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Version: 2024-02-01

153
papers

1,958
citations

236833

25
h-index

345118

36
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161
all docs

161
docs citations

161
times ranked

1343
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment options for ischemic mitral regurgitation: A meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 607-622.e14.	0.4	29
2	A right track stems from the right learning. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e177-e178.	0.4	4
3	Advanced measurements of coronary calcium scores: how does it affect current clinical practice?. <i>Future Cardiology</i> , 2022, 18, 35-41.	0.5	0
4	Is the Optimization of the Surgical Technique the Secret to the Long-Lasting Pulmonary Autograft?. <i>Annals of Thoracic Surgery</i> , 2022, 114, 2403.	0.7	2
5	Hybrid coronary revascularization in multivessel coronary artery disease: a systematic review. <i>Future Cardiology</i> , 2022, 18, 219-234.	0.5	3
6	The effectiveness and safety of pulmonary autograft as living tissue in Ross procedure: a systematic review. <i>Translational Pediatrics</i> , 2022, 11, 280-297.	0.5	1
7	Between Mitral Valve Translocation and Lack of High-Level Evidence in Subannular Mitral Repair. <i>Annals of Thoracic Surgery</i> , 2022, 114, 2400-2401.	0.7	1
8	Molecular Insights of SARS-CoV-2 Antivirals Administration: A Balance between Safety Profiles and Impact on Cardiovascular Phenotypes. <i>Biomedicines</i> , 2022, 10, 437.	1.4	5
9	In Stent Neo-Atherosclerosis: Pathophysiology, Clinical Implications, Prevention, and Therapeutic Approaches. <i>Life</i> , 2022, 12, 393.	1.1	27
10	Association between COVID-19 Diagnosis and Coronary Artery Thrombosis: A Narrative Review. <i>Biomedicines</i> , 2022, 10, 702.	1.4	15
11	Endothelial Dysfunction in SARS-CoV-2 Infection. <i>Biomedicines</i> , 2022, 10, 654.	1.4	6
12	Subannular repair or transcatheter edge-to-edge repair for secondary mitral regurgitation? More data for international guidelines. <i>JTCVS Open</i> , 2022, , .	0.2	2
13	miRNAs in Cardiac Myxoma: New Pathologic Findings for Potential Therapeutic Opportunities. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3309.	1.8	5
14	The role of the extracellular matrix in the development of heart valve disease: Underestimation or undercomprehension?. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.3	0
15	Commentary: Vessel wall remodelingâ€™an ever-lurking threat. <i>JTCVS Techniques</i> , 2022, 12, 15-16.	0.2	0
16	Insights into the Role of Neutrophils and Neutrophil Extracellular Traps in Causing Cardiovascular Complications in Patients with COVID-19: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2022, 11, 2460.	1.0	8
17	Structural Heart Valve Disease in the Era of Change and Innovation: The Crosstalk between Medical Sciences and Engineering. <i>Bioengineering</i> , 2022, 9, 230.	1.6	1
18	Biomechanics of Transcatheter Aortic Valve Implant. <i>Bioengineering</i> , 2022, 9, 299.	1.6	0

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19	Statin treatment and hypertrophic scarring after cardiac surgery. <i>Wound Repair and Regeneration</i> , 2021, 29, 129-133.	1.5	2
20	Ischemic functional mitral regurgitation: from pathophysiological concepts to current treatment options. A systemic review for optimal strategy. <i>General Thoracic and Cardiovascular Surgery</i> , 2021, 69, 213-229.	0.4	5
21	Polymers and Nanoparticles for Statin Delivery: Current Use and Future Perspectives in Cardiovascular Disease. <i>Polymers</i> , 2021, 13, 711.	2.0	22
22	Incertitude pathophysiology and management during the first phase of Covid 19 pandemic. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	6
23	Ischemic mitral regurgitation animal models: going from the whole to the part or viceversa?. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	1
24	CoreValve vs. Sapien 3 Transcatheter Aortic Valve Replacement: A Finite Element Analysis Study. <i>Bioengineering</i> , 2021, 8, 52.	1.6	12
25	The Use of Radial Artery for CABG: An Update. <i>BioMed Research International</i> , 2021, 2021, 1-14.	0.9	8
26	The Choice of Pulmonary Autograft in Aortic Valve Surgery: A State-of-the-Art Primer. <i>BioMed Research International</i> , 2021, 2021, 1-15.	0.9	3
27	Perioperative management after elective cardiac surgery: the predictive value of procalcitonin for infective and noninfective complications. <i>Future Cardiology</i> , 2021, 17, 1349-1358.	0.5	4
28	Trends in Managing Cardiac and Orthopaedic Device-Associated Infections by Using Therapeutic Biomaterials. <i>Polymers</i> , 2021, 13, 1556.	2.0	13
29	Thromboembolic Complications of SARS-CoV-2 and Metabolic Derangements: Suggestions from Clinical Practice Evidence to Causative Agents. <i>Metabolites</i> , 2021, 11, 341.	1.3	10
30	The Ross Operation: A Present for the Future. <i>Annals of Thoracic Surgery</i> , 2021, 111, 1742.	0.7	0
31	Percutaneous versus Surgical Intervention for Severe Aortic Valve Stenosis: A Systematic Review. <i>BioMed Research International</i> , 2021, 2021, 1-26.	0.9	1
32	The use of subvalvular repair for ischemic mitral regurgitation: Is it finally coming of age?. <i>JTCVS Open</i> , 2021, , .	0.2	0
33	Exploring the Operative Strategy for Secondary Mitral Regurgitation: A Systematic Review. <i>BioMed Research International</i> , 2021, 2021, 1-22.	0.9	3
34	The New Challenge for Heart Endocarditis: From Conventional Prosthesis to New Devices and Platforms for the Treatment of Structural Heart Disease. <i>BioMed Research International</i> , 2021, 2021, 1-17.	0.9	7
35	Nonsurgical Management of a Papillary Fibroelastoma of the Aortic Valve. <i>Case Reports in Cardiology</i> , 2021, 2021, 1-4.	0.1	0
36	COVID-19 Pathogenesis: From Molecular Pathway to Vaccine Administration. <i>Biomedicines</i> , 2021, 9, 903.	1.4	5

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37	The Use of Anterior Mitral Leaflet Augmentation With Autologous Pericardium: Why Not?. Annals of Thoracic Surgery, 2021, 112, 688-689.	0.7	2
38	Diaphragmatic Rupture: Too Much to Stomach. Annals of Thoracic Surgery, 2021, 112, e391.	0.7	0
39	Papillary muscle septalization for functional tricuspid regurgitation: Proof of concept and preliminary clinical experience. JTCVS Techniques, 2021, 10, 282-288.	0.2	5
40	Monobloc or Separate Aortic and Mitral Homografts for Endocarditis of the Intervallular Fibrosa?. Annals of Thoracic Surgery, 2021, 112, 1382-1383.	0.7	5
41	Effect of Statins on Platelet Activation and Function: From Molecular Pathways to Clinical Effects. BioMed Research International, 2021, 2021, 1-10.	0.9	24
42	The Use of Subvalvular Repair for Functional Mitral Regurgitation. Annals of Thoracic and Cardiovascular Surgery, 2021, 27, 136-138.	0.3	1
43	The Use of Bioactive Polymers for Intervention and Tissue Engineering: The New Frontier for Cardiovascular Therapy. Polymers, 2021, 13, 446.	2.0	9
44	Biomechanical Knowledge of the Pulmonary Valve Autograft for the Improvement of the Ross Procedure. Annals of Thoracic Surgery, 2021, , .	0.7	0
45	MicroRNAs in Valvular Heart Diseases: Biological Regulators, Prognostic Markers and Therapeutical Targets. International Journal of Molecular Sciences, 2021, 22, 12132.	1.8	7
46	Not just quantification of mitral regurgitation. Going back to the morphology of tethering?. Annals of Thoracic Surgery, 2021, , .	0.7	1
47	Restrictive Mitral Annuloplasty: Still a Viable Procedure?. Annals of Thoracic Surgery, 2021, , .	0.7	1
48	A Geometric Approach to Ischemic Mitral Regurgitation: Evaluating the Evidence of Valve Distortion. Annals of Thoracic Surgery, 2020, 109, 982.	0.7	3
49	Combined Replacement and Subvalvular Repair for Functional Mitral Regurgitation: The New Frontier?. Annals of Thoracic Surgery, 2020, 109, 303-304.	0.7	3
50	Left Ventricular Reconstruction With Mitral Surgery: Do Not Delay and Continue to Improve Repair. Annals of Thoracic Surgery, 2020, 109, 1951.	0.7	1
51	Pathophysiologic Mechanisms of Subvalvular Repair and Its Clinical Implications. Annals of Thoracic Surgery, 2020, 110, 344-345.	0.7	1
52	Learning From Controversy: Contemporary Surgical Management of Aortic Valve Endocarditis. Clinical Medicine Insights: Cardiology, 2020, 14, 117954682096072.	0.6	7
53	Bioengineering Case Study to Evaluate Complications of Adverse Anatomy of Aortic Root in Transcatheter Aortic Valve Replacement: Combining Biomechanical Modelling with CT Imaging. Bioengineering, 2020, 7, 121.	1.6	7
54	Structural heart disease: the year in valvular and complex coronary intervention trials. Journal of Thoracic Disease, 2020, 12, 2910-2918.	0.6	2

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55	Revisiting the guidelines and choice the ideal substitute for aortic valve endocarditis. <i>Annals of Translational Medicine</i> , 2020, 8, 952-952.	0.7	8
56	Finite Element Analysis Investigate Pulmonary Autograft Root and Leaflet Stresses to Understand Late Durability of Ross Operation. <i>Biomimetics</i> , 2020, 5, 37.	1.5	7
57	Mitral regurgitation after transcatheter aortic valve replacement. <i>Journal of Thoracic Disease</i> , 2020, 12, 2926-2935.	0.6	9
58	Ross operation 23 years after surgery: It should not be a "forgotten" option. <i>Journal of Cardiac Surgery</i> , 2020, 35, 952-956.	0.3	11
59	Are the dynamic changes of the aortic root determinant for thrombosis or leaflet degeneration after transcatheter aortic valve replacement?. <i>Journal of Thoracic Disease</i> , 2020, 12, 2919-2925.	0.6	5
60	Mitral regurgitation: lessons learned from COAPT and MITRA-Fr. <i>Journal of Thoracic Disease</i> , 2020, 12, 2936-2944.	0.6	4
61	Biomechanical future of the growing pulmonary autograft in Ross operation. <i>Translational Pediatrics</i> , 2020, 9, 137-143.	0.5	5
62	Role of autophagy in aneurysm and dissection of the ascending aorta. <i>Future Cardiology</i> , 2020, 16, 517-526.	0.5	4
63	A Finite Element Analysis Study from 3D CT to Predict Transcatheter Heart Valve Thrombosis. <i>Diagnostics</i> , 2020, 10, 183.	1.3	15
64	Lights and Shadows on the Ross Procedure: Biological Solutions for Biological Problems. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 815-822.	0.4	18
65	Biomechanics of Ross Operation: Still So Much to Learn. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 827-828.	0.4	3
66	A narrative review of the interpretation of guidelines for the treatment of infective endocarditis. <i>Annals of Translational Medicine</i> , 2020, 8, 1623-1623.	0.7	5
67	A narrative review of early surgery versus conventional treatment for infective endocarditis: do we have an answer?. <i>Annals of Translational Medicine</i> , 2020, 8, 1626-1626.	0.7	10
68	A management framework for left sided endocarditis: a narrative review. <i>Annals of Translational Medicine</i> , 2020, 8, 1627-1627.	0.7	8
69	Sharing of decision-making for infective endocarditis surgery: a narrative review of clinical and ethical implications. <i>Annals of Translational Medicine</i> , 2020, 8, 1624-1624.	0.7	5
70	The quest for the optimal surgical management of tricuspid valve endocarditis in the current era: a narrative review. <i>Annals of Translational Medicine</i> , 2020, 8, 1628-1628.	0.7	7
71	Infective endocarditis in the 21st century. <i>Annals of Translational Medicine</i> , 2020, 8, 1620-1620.	0.7	6
72	A narrative review of echocardiography in infective endocarditis of the right heart. <i>Annals of Translational Medicine</i> , 2020, 8, 1622-1622.	0.7	9

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73	Moderate to severe ischemic mitral regurgitation: More data to guide the choice. Why not consider the use of subvalvular repair?. <i>Cardiology Journal</i> , 2020, 27, 220-222.	0.5	3
74	Transcatheter closure for the treatment of pseudoventricular aneurysm after acute myocardial infarction: a case report. <i>Annals of Translational Medicine</i> , 2020, 8, 1528.	0.7	1
75	Transcatheter closure for the treatment of pseudoventricular aneurysm after acute myocardial infarction: a case report. <i>Annals of Translational Medicine</i> , 2020, 8, 1528-1528.	0.7	3
76	Heart Valve Endocarditis. <i>Surgical Technology International</i> , 2020, 37, 203-215.	0.1	4
77	Systolic Anterior Motion (SAM) Complicating Mitral Valve Repair: Current Concepts of Intraoperative and Postoperative Management. <i>Surgical Technology International</i> , 2020, 37, 225-232.	0.1	2
78	The Choice of Treatment in Ischemic Mitral Regurgitation With Reduced Left Ventricular Function. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1901-1912.	0.7	20
79	Changes of the coronary arteries and cardiac microvasculature with aging: Implications for translational research and clinical practice. <i>Mechanisms of Ageing and Development</i> , 2019, 184, 111161.	2.2	30
80	Inflammatory Response and Endothelial Dysfunction Following Cardiopulmonary Bypass: Pathophysiology and Pharmacological Targets. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2019, 13, 158-173.	3.9	60
81	Mitral valve restenosis after closed mitral commissurotomy: case discussion. <i>Journal of Thoracic Disease</i> , 2019, 11, 3659-3671.	0.6	2
82	Minimally Invasive Approach for Complex Mitral Disease: Time to Choose the Lesser of Evils?. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1287-1288.	0.7	1
83	Aortic homografts: Should we really lose the opportunity?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, e245-e246.	0.4	6
84	Risk of Ischemic Mitral Regurgitation Recurrence After Combined Valvular and Subvalvular Repair. <i>Annals of Thoracic Surgery</i> , 2019, 108, 536-543.	0.7	32
85	Euler's Elastica-Based Biomechanics of the Papillary Muscle Approximation in Ischemic Mitral Valve Regurgitation: A Simple 2D Analytical Model. <i>Materials</i> , 2019, 12, 1518.	1.3	15
86	Geometric distortion of the mitral valve apparatus in ischemic mitral regurgitation: Should we really forfeit the opportunity for a complete repair?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, e91-e92.	0.4	4
87	Finite element analysis applied to the transcatheter mitral valve therapy: Studying the present, imagining the future. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, e149-e151.	0.4	11
88	Mitral valve endocarditis "Unrealized expectations for repair of mitral valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, e31-e32.	0.4	2
89	Preoperative atorvastatin reduces bleeding and blood transfusions in patients undergoing elective isolated aortic valve replacement. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 51-58.	0.5	5
90	Gene therapy and regenerative tissue engineering in congenital heart disease. <i>Translational Pediatrics</i> , 2019, 8, 356-359.	0.5	1

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91	Obstructive Cardiomyopathy and Tethering in Ischemic Mitral Regurgitation: Two Sides of the Coin. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1911-1912.	0.7	3
92	Does Type of TAVR Access Affect Early Mortality in Morbidly Obese Patients?. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1583-1584.	0.7	1
93	The use of allogenic and autologous tissue to treat aortic valve endocarditis. <i>Annals of Translational Medicine</i> , 2019, 7, 491-491.	0.7	9
94	The Radial Artery for Coronary Bypass Grafting: The Fifth Decade. <i>Surgical Technology International</i> , 2019, 35, 253-264.	0.1	1
95	Best to Clarify to Avoid Misunderstandings in the Biomechanics of Ross Operation: Parentheses Matter. <i>Annals of Thoracic Surgery</i> , 2018, 106, 641-642.	0.7	4
96	keep fumbling around in the dark when it comes to infective endocarditis, or produce new, reliable data to redesign the guidelines?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 75-76.	0.4	12
97	Simulating the ideal geometrical and biomechanical parameters of the pulmonary autograft to prevent failure in the Ross operation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 269-276.	0.5	22
98	Euler's elastica-based biomechanical assessment for neochordal insertion in the treatment of degenerative mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 603-605.	0.4	6
99	Mitral Valve and Subvalvular Repair for Secondary Mitral Regurgitation. <i>Cardiology in Review</i> , 2018, 26, 22-28.	0.6	12
100	Functional mitral regurgitation: an overview for surgical management framework. <i>Journal of Thoracic Disease</i> , 2018, 10, 4540-4555.	0.6	32
101	Complementary Role of the Computed Biomodelling through Finite Element Analysis and Computed Tomography for Diagnosis of Transcatheter Heart Valve Thrombosis. <i>BioMed Research International</i> , 2018, 2018, 1-13.	0.9	9
102	Transaortic Alfieri Repair for Secondary Mitral Regurgitation: Effective and Underused. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1264.	0.7	4
103	Long-term outcome of cryopreserved allograft for aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1357-1365.e6.	0.4	43
104	Alfieri Edge-to-Edge Mitral Valve Repair for All Seasons?. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1258.	0.7	4
105	How to treat severe symptomatic structural valve deterioration of aortic surgical bioprosthesis: transcatheter valve-in-valve implantation or redo valve surgery?. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 977-985.	0.6	11
106	Mitral endocarditis: A new management framework. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1486-1495.e4.	0.4	25
107	Use of allogeneic tissue to treat infective valvular disease: Has everything been said?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 824-828.	0.4	30
108	TAVR vs SAVR: Rising Expectations and Changing Indications for Surgery in Response to PARTNER II. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017, 29, 8-11.	0.4	3

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109	Implantation of a Poly-L-Lactide GCSF-Functionalized Scaffold in a Model of Chronic Myocardial Infarction. <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 47-65.	1.1	33
110	Biomechanics of failed ischemic mitral valve repair: Discovering new frontiers. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 832-833.	0.4	16
111	Preoperative atorvastatin reduces bleeding and blood products use in patients undergoing on-pump coronary artery bypass grafting. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 976-982.	0.6	10
112	Is subvalvular repair worthwhile in severe ischemic mitral regurgitation? Subanalysis of the Papillary Muscle Approximation trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 286-295.e2.	0.4	53
113	Delayed prosthesis malposition after transcatheter aortic valve implantation causing coronaries obstruction. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 1227-1228.	0.6	10
114	Simplest solutions are not always the cleverest: Can we stitch in an infected annulus? Should we rethink the current guidelines?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1899-1900.	0.4	17
115	Biomechanics raises solution to avoid geometric mitral valve configuration abnormalities in ischemic mitral regurgitation. <i>Journal of Thoracic Disease</i> , 2017, 9, S624-S628.	0.6	6
116	Analysing the reasons of failure of surgical mitral repair approaches – do we need to better think in biomechanics?. <i>Journal of Thoracic Disease</i> , 2017, 9, S661-S664.	0.6	8
117	Pulmonary autograft in aortic position: is everything known?. <i>Translational Pediatrics</i> , 2017, 5, 11-17.	0.5	9
118	Papillary muscle approximation in mitral valve repair for secondary MR. <i>Journal of Thoracic Disease</i> , 2017, 9, S635-S639.	0.6	13
119	Basic and Clinical Research Against Advanced Glycation End Products (AGEs): New Compounds to Tackle Cardiovascular Disease and Diabetic Complications. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2016, 10, 10-33.	1.5	37
120	Ischemic mitral valve prolapse. <i>Journal of Thoracic Disease</i> , 2016, 8, 3752-3761.	0.6	13
121	Introductory Editorial: Drug-Eluting Stents or Drug-Eluting Grafts? Insights from Proteomic Analysis. <i>Drug Target Insights</i> , 2016, 10s1, DTI.S41240.	0.9	6
122	Papillary Muscle Approximation Versus Restrictive Annuloplasty Alone for Severe Ischemic Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2334-2346.	1.2	159
123	Reply. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1147-1148.	1.2	26
124	Incomplete Revascularization in PCI and CABG. <i>Journal of the American College of Cardiology</i> , 2016, 68, 877-878.	1.2	8
125	Biomechanics drive histological wall remodeling of neo-aortic root: A mathematical model to study the expression levels of α 1(I) collagen, metalloprotease, and apoptosis transition. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2785-2793.	2.1	25
126	Old Myths, New Concerns: the Long-Term Effects of Ascending Aorta Replacement with Dacron Grafts. Not All That Glitters Is Gold. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 334-342.	1.1	76

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127	Is it time to change how we think about incomplete coronary revascularization?. International Journal of Cardiology, 2016, 224, 295-298.	0.8	10
128	Compliance mismatch and compressive wall stresses drive anomalous remodelling of pulmonary trunks reinforced with Dacron grafts. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 63, 287-302.	1.5	41
129	Pushing the Limits in Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2016, 9, 2186-2188.	1.1	12
130	Preliminary in Vivo Evaluation of a Hybrid Armored Vascular Graft Combining Electrospinning and Additive Manufacturing Techniques. Drug Target Insights, 2016, 10s1, DTI.S35202.	0.9	31
131	Stress-shielding, growth and remodeling of pulmonary artery reinforced with copolymer scaffold and transposed into aortic position. Biomechanics and Modeling in Mechanobiology, 2016, 15, 1141-1157.	1.4	37
132	A composite semiresorbable armoured scaffold stabilizes pulmonary autograft after the Ross operation: Mr Ross's dream fulfilled. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 155-164.e1.	0.4	37
133	TAVI in Lower Risk Patients. Journal of the American College of Cardiology, 2016, 67, 1380-1381.	1.2	8
134	Cells and extracellular matrix interplay in cardiac valve disease: because age matters. Basic Research in Cardiology, 2016, 111, 16.	2.5	29
135	Predictive factors of long-term results following valve repair in ischemic mitral valve prolapse. International Journal of Cardiology, 2016, 204, 218-228.	0.8	27
136	Double row of overlapping sutures for downsizing annuloplasty decreases the risk of residual regurgitation in ischaemic mitral valve repair. European Journal of Cardio-thoracic Surgery, 2016, 49, 1182-1187.	0.6	25
137	Coronary artery bypass grafting (CABG) alone in moderate ischemic mitral regurgitation: is CABG really enough?. Annals of Translational Medicine, 2016, 4, 413-413.	0.7	4
138	Hybrid Coronary Revascularization: An Attractive Alternative Between Actual Results and Future Trends. Surgical Technology International, 2016, 28, 204-10.	0.1	5
139	The Ross procedure at the crossroads: Lessons from biology. International Journal of Cardiology, 2015, 178, 37-39.	0.8	31
140	An experimental model of the Ross operation: Development of resorbable reinforcements for pulmonary autografts. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 1134-1142.	0.4	39
141	The Ross procedure: Underuse or under-comprehension?. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 1463-1464.	0.4	33
142	Introducing bioresorbable scaffolds into the show. A potential adjunct to resuscitate Ross procedure. International Journal of Cardiology, 2015, 190, 50-52.	0.8	35
143	Use of bioresorbable scaffold for neopulmonary artery in simple transposition of great arteries: Tissue engineering moves steps in pediatric cardiac surgery. International Journal of Cardiology, 2015, 201, 639-643.	0.8	7
144	The role of extracellular matrix in age-related conduction disorders: a forgotten player?. Journal of Geriatric Cardiology, 2015, 12, 76-82.	0.2	32

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145	The future of Ross procedure. <i>Annals of Pediatric Cardiology</i> , 2015, 8, 256.	0.2	2
146	Successful Valve Prolapse Repair for Ischemic Mitral Regurgitation: Combined Papillary Muscle Approximation and Mitral Chordae System Replacement. <i>Surgical Technology International</i> , 2015, 26, 192-6.	0.1	1
147	Impact of Structural Valve Deterioration on Outcomes in the Cryopreserved Mitral Homograft Valve. <i>Journal of Cardiac Surgery</i> , 2014, 29, 616-622.	0.3	5
148	Aortic valve homograft: 10-year experience. <i>Surgical Technology International</i> , 2014, 24, 265-72.	0.1	3
149	Reinforcement of the pulmonary artery autograft with a polyglactin and polydioxanone mesh in the Ross operation: experimental study in growing lamb. <i>Journal of Heart Valve Disease</i> , 2014, 23, 145-8.	0.5	26
150	Downsizing annuloplasty in ischemic mitral regurgitation: double row overlapping suture to avoid ring disinsertion in valve repair. <i>Surgical Technology International</i> , 2014, 25, 203-6.	0.1	5
151	Structural deterioration of the cryopreserved mitral homograft valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 313-320.e1.	0.4	30
152	Papillary Muscle Approximation for Ischemic Mitral Valve Regurgitation. <i>Journal of Cardiac Surgery</i> , 2008, 23, 733-735.	0.3	26
153	Biology and bioresorbable materials in cardiac surgery: why could they be important in the current era of innovations and technology?. <i>International Cardiovascular Forum Journal</i> , 0, 3, 2.	1.1	3