John A Elefteriades

List of Publications by Year
in descending order

439 papers	16,552 citations	16411 64 h-index	18606 119 g-index
458 all docs	458 docs citations	458 times ranked	9223 citing authors

#	Article	IF	Citations
1	Yearly rupture or dissection rates for thoracic aortic aneurysms: simple prediction based on size. Annals of Thoracic Surgery, 2002, 73, 17-28.	0.7	891
2	Expert Consensus Document on the Treatment of Descending Thoracic Aortic Disease Using Endovascular Stent-Graftsâ€žâ€žExpert Consensus Document on the Treatment of Descending Thoracic Aortic Disease Using Endovascular Stent-Grafts has been supported by Unrestricted Educational Grants from Cook, Inc and Medtronic, Inc.. Annals of Thoracic Surgery, 2008, 85, S1-S41.	0.7	796
3	Natural history of thoracic aortic aneurysms: indications for surgery, and surgical versus nonsurgical risks. Annals of Thoracic Surgery, 2002, 74, S1877-S1880.	0.7	644
4	Thoracic Aortic Aneurysm. Journal of the American College of Cardiology, 2010, 55, 841-857.	1.2	544
5	What is the appropriate size criterion for resection of thoracic aortic aneurysms?. Journal of Thoracic and Cardiovascular Surgery, 1997, 113, 476-491.	0.4	537
6	Multimodality Imaging of Diseases of the Thoracic Aorta in Adults: From the American Society of Echocardiography and the European Association of Cardiovascular Imaging. Journal of the American Society of Echocardiography, 2015, 28, 119-182.	1.2	500
7	Novel Measurement of Relative Aortic Size Predicts Rupture of Thoracic Aortic Aneurysms. Annals of Thoracic Surgery, 2006, 81, 169-177.	0.7	493
8	Familial Thoracic Aortic Aneurysms and Dissectionsâ€”Incidence, Modes of Inheritance, and Phenotypic Patterns. Annals of Thoracic Surgery, 2006, 82, 1400-1405.	0.7	410
9	Phage treatment of an aortic graft infected withPseudomonas aeruginosa. Evolution, Medicine and Public Health, 2018, 2018, 60-66.	1.1	347
10	NATURAL HISTORY, PATHOGENESIS, AND ETIOLOGY OF THORACIC AORTIC ANEURYSMS AND DISSECTIONS. Cardiology Clinics, 1999, 17, 615-635.	0.9	308
11	Natural History of Ascending Aortic Aneurysms in the Setting of an Unreplaced Bicuspid Aortic Valve. Annals of Thoracic Surgery, 2007, 83, 1338-1344.	0.7	282
12	Mutations in Myosin Light Chain Kinase Cause Familial Aortic Dissections. American Journal of Human Genetics, 2010, 87, 701-707.	2.6	267
13	PATHOLOGIC VARIANTS OF THORACIC AORTIC DISSECTIONS. Cardiology Clinics, 1999, 17, 637-657.	0.9	262
14	Midterm follow-up of penetrating ulcer and intramural hematoma of the aorta. Journal of Thoracic and Cardiovascular Surgery, 2002, 123, 1051-1059.	0.4	254
15	Long-term experience with descending aortic dissection: The complication-specific approach. Annals of Thoracic Surgery, 1992, 53, 11-21.	0.7	240
16	Surgical intervention criteria for thoracic aortic aneurysms: a study of growth rates and complications. Annals of Thoracic Surgery, 1999, 67, 1922-1926.	0.7	236
17	Natural history of thoracic aortic aneurysms. Journal of Vascular Surgery, 2012, 56, 565-571.	0.6	223
18	Management of descending aortic dissection. Annals of Thoracic Surgery, 1999, 67, 2002-2005.	0.7	204

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19	The American Association for Thoracic Surgery consensus guidelines on bicuspid aortic valveâ€"related aortopathy: Full online-only version. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, e41-e74.	0.4	202
20	Increased Tissue Microarray Matrix Metalloproteinase Expression Favors Proteolysis in Thoracic Aortic Aneurysms and Dissections. Annals of Thoracic Surgery, 2004, 78, 2106-2110.	0.7	189
21	Straight Deep Hypothermic Arrest: Experience in 394 Patients Supports Its Effectiveness as a Sole Means of Brain Preservation. Annals of Thoracic Surgery, 2007, 84, 759-767.	0.7	175
22	Height alone, rather than body surface area, suffices for risk estimation in ascending aortic aneurysm. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 1938-1950.	0.4	155
23	Femoral Cannulation is Safe for Type A Dissection Repair. Annals of Thoracic Surgery, 2004, 78, 1285-1289.	0.7	153
24	Importance of false lumen thrombosis in type B aortic dissection prognosis. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, S208-S212.	0.4	150
25	Mechanical deterioration underlies malignant behavior of aneurysmal human ascending aorta. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 677.e1-677.e9.	0.4	142
26	Routine Genetic Testing for Thoracic Aortic Aneurysm and Dissection in a Clinical Setting. Annals of Thoracic Surgery, 2015, 100, 1604-1611.	0.7	129
27	A meta-analysis of deep hypothermic circulatory arrest versus moderate hypothermic circulatory arrest with selective antegrade cerebral perfusion. Annals of Cardiothoracic Surgery, 2013, 2, 148-58.	0.6	124
28	Thoracic Aortic Aneurysm: Reading the Enemy's Playbook. Current Problems in Cardiology, 2008, 33, 203-277.	1.1	123
29	Safety of Thoracic Aortic Surgery in the Present Era. Annals of Thoracic Surgery, 2007, 84, 1180-1185.	0.7	118
30	A machine learning approach to investigate the relationship between shape features and numerically predicted risk of ascending aortic aneurysm. Biomechanics and Modeling in Mechanobiology, 2017, 16, 1519-1533.	1.4	111
31	Genes Associated with Thoracic Aortic Aneurysm and Dissection: 2018 Update and Clinical Implications. Aorta, 2018, 06, 013-020.	0.1	106
32	Changing Pathology of the Thoracic AortaÂFrom Acute to Chronic Dissection. Journal of the American College of Cardiology, 2016, 68, 1054-1065.	1.2	105
33	Straight deep hypothermic circulatory arrest for cerebral protection during aortic arch surgery: Safe and effective. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 888-900.	0.4	100
34	Atypical aortic arch branching variants: A novel marker for thoracic aortic disease. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 1586-1592.	0.4	94
35	Fenestration Revisited. Archives of Surgery, 1990, 125, 786.	2.3	90
36	Diaphragm Pacing with a Quadripolar Phrenic Nerve Electrode: An International Study. PACE - Pacing and Clinical Electrophysiology, 1996, 19, 1311-1319.	0.5	89

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37	Predictive biomechanical analysis of ascending aortic aneurysm rupture potential. Acta Biomaterialia, 2013, 9, 9392-9400.	4.1	89
38	Guilt by association: paradigm for detecting a silent killer (thoracic aortic aneurysm). Open Heart, 2015, 2, e000169.	0.9	89
39	Stroke in surgery of the thoracic aorta: Incidence, impact, etiology, and prevention. Journal of Thoracic and Cardiovascular Surgery, 2001, 122, 935-945.	0.4	88
40	Ascending Thoracic Aneurysms Are Associated With Decreased Systemic Atherosclerosis. Chest, 2005, 128, 1580-1586.	0.4	86
41	Deep hypothermic circulatory arrest. Annals of Cardiothoracic Surgery, 2013, 2, 303-15.	0.6	86
42	Gene Expression Signature in Peripheral Blood Detects Thoracic Aortic Aneurysm. PLoS ONE, 2007, 2, e1050.	1.1	85
43	Genes Associated with Thoracic Aortic Aneurysm and Dissection. Aorta, 2017, 05, 11-20.	0.1	85
44	Role of Exertion or Emotion as Inciting Events for Acute Aortic Dissection. American Journal of Cardiology, 2007, 100, 1470-1472.	0.7	84
45	Aortic Size Distribution in the General Population: Explaining the Size Paradox in Aortic Dissection. Cardiology, 2015, 131, 265-272.	0.6	84
46	The Mystery of the Z-Score. Aorta, 2016, 04, 124-130.	0.1	81
47	Ascending Aortic Length and Risk of Aortic Adverse Events. Journal of the American College of Cardiology, 2019, 74, 1883-1894.	1.2	81
48	Procedures for Estimating Growth Rates in Thoracic Aortic Aneurysms. Journal of Clinical Epidemiology, 1998, 51, 747-754.	2.4	80
49	Sun's procedure for complex aortic arch repair: total arch replacement using a tetrafurcate graft with stented elephant trunk implantation. Annals of Cardiothoracic Surgery, 2013, 2, 642-8.	0.6	80
50	Neurological Events Following Transcatheter Aortic Valve Replacement and Their Predictors. Circulation: Cardiovascular Interventions, 2016, 9, .	1.4	79
51	Tissue microarray detection of matrix metalloproteinases, in diseased tricuspid and bicuspid aortic valves with or without pathology of the ascending aorta. European Journal of Cardio-thoracic Surgery, 2004, 26, 1098-1103.	0.6	77
52	Discussion: Session 4â€”Descending/Thoracoabdominal Aorta. Annals of Thoracic Surgery, 2002, 74, S1892-S1898.	0.7	76
53	Bicuspid aortic valve: clinical approach and scientific review of a common clinical entity. Expert Review of Cardiovascular Therapy, 2008, 6, 235-248.	0.6	75
54	Patient-specific finite element analysis of ascending aorta aneurysms. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1306-H1316.	1.5	75

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55	What operation for acute type a dissection?. Journal of Thoracic and Cardiovascular Surgery, 2002, 123, 201-203.	0.4	74
56	â€˜Bovineâ€™ Aortic Arch â€“ A Marker for Thoracic Aortic Disease. Cardiology, 2012, 123, 116-124.	0.6	74
57	Aortic Dissection in Pregnancy: Management Strategy and Outcomes. Annals of Thoracic Surgery, 2017, 103, 1199-1206.	0.7	74
58	The genetics and genomics of thoracic aortic disease. Annals of Cardiothoracic Surgery, 2013, 2, 271-9.	0.6	74
59	The Genetics of Thoracic Aortic Aneurysms and Dissection: A Clinical Perspective. Biomolecules, 2020, 10, 182.	1.8	73
60	Long-Term Follow-Up of Pacing of the Conditioned Diaphragm in Quadriplegia. PACE - Pacing and Clinical Electrophysiology, 2002, 25, 897-906.	0.5	71
61	Medical Therapy of Thoracic Aortic Aneurysms. Circulation, 2011, 124, 1469-1476.	1.6	71
62	Optimal Timing of Coronary Artery Bypass Graft Surgery After Acute Myocardial Infarction. Circulation, 1995, 92, 66-68.	1.6	71
63	Deep Hypothermic Circulatory Arrest in Patients With High Cognitive Needs: Full Preservation of Cognitive Abilities. Annals of Thoracic Surgery, 2009, 87, 117-123.	0.7	70
64	Frozen elephant trunk with total arch replacement for type A aortic dissections: Does acuity affect operative mortality?. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 963-972.	0.4	70
65	The American Association for Thoracic Surgery consensus guidelines on bicuspid aortic valveâ€“related aortopathy: Executive summary. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 473-480.	0.4	70
66	Natural History of Thoracic Aortic Aneurysms: Size Matters, Plus Moving Beyond Size. Progress in Cardiovascular Diseases, 2013, 56, 74-80.	1.6	69
67	Indications for aortic replacement. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, S5-S9.	0.4	67
68	Discrepancies in Measurement of the Thoracic Aorta. Journal of the American College of Cardiology, 2020, 76, 201-217.	1.2	67
69	Thoracic aortic aneurysm: unlocking the â€œsilent killerâ€•secrets. General Thoracic and Cardiovascular Surgery, 2019, 67, 1-11.	0.4	67
70	Prevention of Aortic Dissection Suggests a Diameter Shift to a Lower Aortic Size Threshold for Intervention. Cardiology, 2018, 139, 139-146.	0.6	65
71	Long-term behavior of aortic intramural hematomas and penetrating ulcers. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 361-373.e1.	0.4	62
72	Thoracic aortic aneurysm: reading the enemy's playbook. Yale Journal of Biology and Medicine, 2008, 81, 175-86.	0.2	62

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73	Litigation in Nontraumatic Aortic Diseases â€“ A Tempest in the Malpractice Maelstrom. Cardiology, 2008, 109, 263-272.	0.6	61
74	Weight Lifting and Rupture of Silent Aortic Aneurysms. JAMA - Journal of the American Medical Association, 2003, 290, 2803-b-2803.	3.8	61
75	Descending threshold for ascending aortic aneurysmectomy: Is it time for a â€œleft-shiftâ€•in guidelines?. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 37-42.	0.4	60
76	Concurrent Intracranial and Thoracic Aortic Aneurysms. American Journal of Cardiology, 2010, 105, 417-420.	0.7	59
77	Medical management of acute type A aortic dissection. Annals of Thoracic and Cardiovascular Surgery, 2009, 15, 286-93.	0.3	59
78	Type A aortic dissection with arch entry tear: Surgical experience in 104 patients over a 12-year period. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 1581-1592.	0.4	58
79	Indications and imaging for aortic surgery: Size and other matters. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, S10-S13.	0.4	57
80	DEVELOPING SURGICAL INTERVENTION CRITERIA FOR THORACIC AORTIC ANEURYSMS. Cardiology Clinics, 1999, 17, 827-839.	0.9	56
81	Comparison of the Effect on Long-Term Outcomes in Patients With Thoracic Aortic Aneurysms of Taking Versus Not Taking a Statin Drug. American Journal of Cardiology, 2012, 109, 1050-1054.	0.7	56
82	Stenting the descending aorta during repair of type A dissection: Technology looking for an application?. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 777-778.	0.4	55
83	Pulmonary Artery Aneurysms: Four Case Reports and Literature Review. International Journal of Angiology, 2013, 22, 143-148.	0.2	54
84	Favorable late survival after aortic surgery under straight deep hypothermic circulatory arrest. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1831-1839.e1.	0.4	54
85	Femoral artery cannulation for thoracic aortic surgery: Safe under transesophageal echocardiographic control. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 1478-1481.	0.4	51
86	Genes Associated with Thoracic Aortic Aneurysm and Dissection: 2019 Update and Clinical Implications. Aorta, 2019, 07, 099-107.	0.1	50
87	Protecting the Brain During Aortic Surgery: An Enduring Debate With Unanswered Questions. Journal of Cardiothoracic and Vascular Anesthesia, 2010, 24, 316-321.	0.6	48
88	Targeted genetic analysis in a large cohort of familial and sporadic cases of aneurysm or dissection of the thoracic aorta. Genetics in Medicine, 2018, 20, 1414-1422.	1.1	48
89	A meta-analysis of deep hypothermic circulatory arrest alone versus with adjunctive selective antegrade cerebral perfusion. Annals of Cardiothoracic Surgery, 2013, 2, 261-70.	0.6	48
90	Age-Dependent Ascending Aorta Mechanics Assessed Through Multiphase CT. Annals of Biomedical Engineering, 2013, 41, 2565-2574.	1.3	47

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91	Deep Hypothermic Circulatory Arrest Effectively Preserves Neurocognitive Function. Annals of Thoracic Surgery, 2013, 96, 1553-1559.	0.7	46
92	Diabetes Mellitus: Is It Protective against Aneurysm? A Narrative Review. Cardiology, 2018, 141, 107-122.	0.6	46
93	Coronary bypass in left heart failure. Seminars in Thoracic and Cardiovascular Surgery, 2002, 14, 125-132.	0.4	44
94	Abdominal Aortic Aneurysm: Evolving Controversies and Uncertainties. International Journal of Angiology, 2018, 27, 058-080.	0.2	44
95	Beating a Sudden Killer. Scientific American, 2005, 293, 64-71.	1.0	43
96	Natural history of descending thoracic and thoracoabdominal aortic aneurysms. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 498-511.e1.	0.4	43
97	Open Stented Grafts for Frozen Elephant Trunk Technique: Technical Aspects and Current Outcomes. Aorta, 2015, 03, 122-135.	0.1	42
98	Open Stented Grafts for Frozen Elephant Trunk Technique: Technical Aspects and Current Outcomes. Aorta, 2015, 3, 122-135.	0.1	42
99	What is the Best Method for Brain Protection in Surgery of the Aortic Arch? Straight DHCA. Cardiology Clinics, 2010, 28, 381-387.	0.9	41
100	Long-term outcomes of frozen elephant trunk for type A aortic dissection in patients with Marfan syndrome. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1175-1189.e2.	0.4	41
101	Natural history and management of Kommerell's diverticulum in a single tertiary referral center. Journal of Vascular Surgery, 2020, 71, 2004-2011.	0.6	41
102	Open Seldinger-Guided Femoral Artery Cannulation Technique for Thoracic Aortic Surgery. Annals of Thoracic Surgery, 2016, 101, 2231-2235.	0.7	39
103	Decision-making algorithm for ascending aortic aneurysm: Effectiveness in clinical application?. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1733-1745.	0.4	39
104	Pointâ€ofâ€care Focused Cardiac Ultrasound for the Assessment of Thoracic Aortic Dimensions, Dilation, and Aneurysmal Disease. Academic Emergency Medicine, 2012, 19, 244-247.	0.8	38
105	Acute type A dissection in octogenarians: does emergency surgery impact in-hospital outcome or long-term survival?â€. European Journal of Cardio-thoracic Surgery, 2017, 51, 472-477.	0.6	38
106	Fate of distal aorta after frozen elephant trunk and total arch replacement for type A aortic dissection in Marfan syndrome. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 835-849.	0.4	37
107	Natural history of aortic root aneurysms in Marfan syndrome. Annals of Cardiothoracic Surgery, 2017, 6, 625-632.	0.6	37
108	Practical Genetics of Thoracic Aortic Aneurysm. Progress in Cardiovascular Diseases, 2013, 56, 57-67.	1.6	36

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109	Assessment of survival in retrospective studies: The Social Security Death Index is not adequate for estimation. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 899-901.	0.4	36
110	Perioperative Risk Profiles and Volume-Outcome Relationships in Proximal Thoracic Aortic Surgery. Annals of Thoracic Surgery, 2018, 106, 1095-1104.	0.7	36
111	Neuromonitoring Using Motor and Somatosensory Evoked Potentials in Aortic Surgery. Journal of Cardiac Surgery, 2016, 31, 383-389.	0.3	35
112	Current Experience With Acute Type B Aortic Dissection: Validity of the Complication-Specific Approach in the Present Era. Annals of Thoracic Surgery, 2016, 101, 936-943.	0.7	34
113	Finite Element Analysis of Patient-Specific Mitral Valve with Mitral Regurgitation. Cardiovascular Engineering and Technology, 2017, 8, 3-16.	0.7	34
114	In Search of Blood Tests for Thoracic Aortic Diseases. Annals of Thoracic Surgery, 2010, 90, 1735-1742.	0.7	33
115	Twenty-five year outcomes following composite graft aortic root replacement. Journal of Cardiac Surgery, 2017, 32, 99-109.	0.3	33
116	Positive family history of aortic dissection dramatically increases dissection risk in family members. International Journal of Cardiology, 2017, 240, 132-137.	0.8	33
117	Systematic Review of Studies That Have Evaluated Screening Tests in Relatives of Patients Affected by Nonsyndromic Thoracic Aortic Disease. Journal of the American Heart Association, 2018, 7, e009302.	1.6	33
118	Imaging and Surveillance of Chronic Aortic Dissection: A Scientific Statement From the American Heart Association. Circulation: Cardiovascular Imaging, 2022, 15, HCI0000000000000075.	1.3	33
119	What Is the Optimal Management of Late-Presenting Survivors of Acute Type A Aortic Dissection?. Annals of Thoracic Surgery, 2007, 83, 1593-1602.	0.7	31
120	Simple Renal Cysts as Markers of Thoracic Aortic Disease. Journal of the American Heart Association, 2016, 5, .	1.6	30
121	Carotid Intima-Media Thickness Provides Evidence that Ascending Aortic Aneurysm Protects against Systemic Atherosclerosis. Cardiology, 2012, 123, 71-77.	0.6	29
122	The ARCH Projects: design and rationale (IAASSG 001). European Journal of Cardio-thoracic Surgery, 2014, 45, 10-16.	0.6	29
123	Aortic valve disease with ascending aortic aneurysm: Impact of concomitant root-sparing (supracoronary) aortic replacement in nonsyndromic patients. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 791-798.e1.	0.4	29
124	Sparing the aortic root in acute aortic dissection type A: risk reduction and restored integrity of the untouched root. European Journal of Cardio-thoracic Surgery, 2016, 50, 232-239.	0.6	29
125	Finite element analysis of annuloplasty and papillary muscle relocation on a patient-specific mitral regurgitation model. PLoS ONE, 2018, 13, e0198331.	1.1	28
126	Genetic Variants in FBN-1 and Risk for Thoracic Aortic Aneurysm and Dissection. PLoS ONE, 2014, 9, e91437.	1.1	28

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127	Indications for the Treatment of Thoracic Aortic Aneurysms. Surgical Clinics of North America, 2009, 89, 845-867.	0.5	27
128	Biomarkers in TAAâ€"The Holy Grail. Progress in Cardiovascular Diseases, 2013, 56, 109-115.	1.6	27
129	Experimental confirmation of effectiveness of fenestration in acute aortic dissection. Annals of Thoracic Surgery, 1998, 66, 1679-1683.	0.7	26
130	Indications, Timing, and Prognosis of Operative Repair of Aortic Dissections. Seminars in Thoracic and Cardiovascular Surgery, 2005, 17, 224-235.	0.4	26
131	Symptoms Plus Family History Trump Size in Thoracic Aortic Aneurysm. Annals of Thoracic Surgery, 2005, 80, 1098-1100.	0.7	26
132	Surgical management of thoracoabdominal aneurysms. Heart, 2014, 100, 1577-1582.	1.2	26
133	Nonsyndromic Thoracic Aortic Aneurysms and Dissectionsâ€"Is Screening Possible?. Seminars in Thoracic and Cardiovascular Surgery, 2019, 31, 628-634.	0.4	26
134	Rescue Coronary Artery Bypass Grafting (CABG) after Aortic Composite Graft Replacement. Journal of Cardiac Surgery, 2009, 24, 392-396.	0.3	25
135	Utility of the aortic fenestration technique in the management of acute aortic dissections. Annals of Thoracic and Cardiovascular Surgery, 2007, 13, 296-300.	0.3	25
136	Natural history and management of splanchnic artery aneurysms in a single tertiary referral center. Journal of Vascular Surgery, 2018, 68, 1079-1087.	0.6	24
137	Characteristics of surgical prosthetic heart valves and problems around labeling: A document from the European Association for Cardio-Thoracic Surgery (EACTS)â€"The Society of Thoracic Surgeons (STS)â€"American Association for Thoracic Surgery (AATS) Valve Labelling Task Force. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 1041-1054.	0.4	24
138	Endovascular stenting for descending aneurysms: Wave of the future or the emperorâ€™s new clothes?. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 285-288.	0.4	23
139	Guilt by association: a paradigm for detection of silent aortic disease. Annals of Cardiothoracic Surgery, 2016, 5, 174-187.	0.6	23
140	The Aortic Root: Natural History After Root-Sparing Ascending Replacement in Nonsyndromic Aneurysmal Patients. Annals of Thoracic Surgery, 2017, 103, 828-833.	0.7	23
141	Overview of the current knowledge on etiology, natural history and treatment of aortic dissection. Journal of Cardiovascular Surgery, 2017, 58, 238-251.	0.3	23
142	Direct axillary cannulation with open Seldinger-guided technique: is it safe?. European Journal of Cardio-thoracic Surgery, 2018, 53, 1279-1281.	0.6	23
143	Thoracic Aortic Aneurysm: Reading ttable he Enemyâ€™s Playbook. World Journal of Surgery, 2008, 32, 366-374.	0.8	22
144	"How I do it: utilization of high-pressure sealants in aortic reconstruction". Journal of Cardiothoracic Surgery, 2009, 4, 27.	0.4	22

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145	Deep Hypothermic Circulatory Arrest: Real-Life Suspended Animation. Progress in Cardiovascular Diseases, 2013, 56, 81-91.	1.6	22
146	The Effect of Blood Transfusion on Outcomes in Aortic Surgery. International Journal of Angiology, 2017, 26, 135-142.	0.2	22
147	Computation of a probabilistic and anisotropic failure metric on the aortic wall using a machine learning-based surrogate model. Computers in Biology and Medicine, 2021, 137, 104794.	3.9	22
148	Midterm experience with modified Cabrol procedure: Safe and durable for complex aortic root replacement. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1233-1239.	0.4	21
149	Incidence and characteristics of hospitalization for proximal aortic surgery for acute syndromes and for aneurysms in the USA from 2005 to 2014. European Journal of Cardio-thoracic Surgery, 2020, 58, 583-589.	0.6	21
150	Simplified method of reinforced sternal closure. Annals of Thoracic Surgery, 1995, 60, 1428-1429.	0.7	20
151	In DeBakey Type I Aortic Dissection, Bovine Aortic Arch Is Associated With Arch Tears and Stroke. Annals of Thoracic Surgery, 2017, 104, 2001-2008.	0.7	20
152	Do Familial Aortic Dissections Tend to Occur at the Same Age?. Annals of Thoracic Surgery, 2017, 103, 546-550.	0.7	20
153	Machine learning: principles and applications for thoracic surgery. European Journal of Cardio-thoracic Surgery, 2021, 60, 213-221.	0.6	20
154	Right ventricle-sparing heart transplant: promising new technique for recipients with pulmonary hypertension. Annals of Thoracic Surgery, 2000, 69, 1858-1863.	0.7	19
155	Are Thromboembolic and Bleeding Complications a Drawback for Composite Aortic Root Replacement?. Annals of Thoracic Surgery, 2012, 94, 737-743.	0.7	19
156	Natural history and management of renal artery aneurysms in a single tertiary referral center. Journal of Vascular Surgery, 2018, 68, 137-144.	0.6	19
157	Prevalence of Incidentally Identified Thoracic Aortic Dilations: Insights for Screening Criteria. Canadian Journal of Cardiology, 2019, 35, 892-898.	0.8	19
158	Acute Type A Aortic Dissection: Surgical Intervention for All: CON. Cardiology Clinics, 2010, 28, 325-331.	0.9	18
159	Medical Therapy of Thoracic Aortic Aneurysms. Trends in Cardiovascular Medicine, 2012, 22, 180-184.	2.3	18
160	Ascending Thoracic Aortic Aneurysms Protect Against Myocardial Infarctions. International Journal of Angiology, 2014, 23, 177-182.	0.2	18
161	A systematic review and meta-analysis of isolated abdominal aortic dissection. Journal of Vascular Surgery, 2019, 70, 2046-2053.e6.	0.6	18
162	Elective surgery for ascending aortic aneurysm in the elderly: should there be an age cut-off?â€. European Journal of Cardio-thoracic Surgery, 2017, 51, 965-970.	0.6	17

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163	Simple renal cysts and bovine aortic arch: markers for aortic disease. Open Heart, 2019, 6, e000862.	0.9	17
164	Aortic arch replacement for recurrent cerebral embolization. Annals of Thoracic Surgery, 2002, 73, 291-294.	0.7	16
165	Do Î²-Blockers Really Work for Prevention of Aortic Aneurysms?. Aorta, 2013, 1, 45-51.	0.1	16
166	Alpha-stat versus pH-stat: We do not pay it much mind. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 41-42.	0.4	16
167	Chronologic and Climatic Factors of Acute Aortic Dissection: Study of 1642 Patients in Two Continents. Annals of Thoracic Surgery, 2020, 110, 575-581.	0.7	16
168	Root Dilatation Is More Malignant Than Ascending Aortic Dilation. Journal of the American Heart Association, 2021, 10, e020645.	1.6	16
169	Natural history of Type B aortic dissection: ten tips. Annals of Cardiothoracic Surgery, 2014, 3, 247-54.	0.6	16
170	Does Medical Therapy for Thoracic Aortic Aneurysms Really Work? Are Î²-Blockers Truly Indicated? PRO. Cardiology Clinics, 2010, 28, 255-260.	0.9	15
171	Does Straight Deep Hypothermic Circulatory Arrest Suffice for Brain Preservation in Aortic Surgery?. Seminars in Thoracic and Cardiovascular Surgery, 2010, 22, 291-301.	0.4	15
172	Treatment of Thoracic Aortic Aneurysm: Role of Earlier Intervention. Seminars in Thoracic and Cardiovascular Surgery, 2015, 27, 135-143.	0.4	15
173	Advanced Glycation End Products and its Soluble Receptors in the Pathogenesis of Thoracic Aortic Aneurysm. Aorta, 2016, 04, 1-10.	0.1	15
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