

2014 ESC Guidelines on the diagnosis and treatment of a

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Aortic Surgical Patients in the Intensive Care Unit. , 0, , 347-355.		0
2	Connective Tissue Disorders. , 0, , 537-546.		0
5	The EHJ: the first years and the future. European Heart Journal, 2014, 35, 3399-3407.	1.0	3
6	Bicuspid aortic valve syndrome: A heterogeneous and still unknown condition. International Journal of Cardiology, 2014, 177, 1105.	0.8	6
7	Formación médica continuada: un objetivo prioritario en Revista Española de Cardiología. Revista Española De Cardiología, 2014, 67, 1068-1073.	0.6	5
8	Continuing Medical Education: A Priority in Revista Española de Cardiología. Revista Española De Cardiología (English Ed), 2014, 67, 1068-1073.	0.4	1
9	Equivocal usefulness of FDG for the noninvasive imaging of abdominal aortic aneurysms. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 2307-2309.	3.3	2
10	Computed tomography coronary angiography should be performed in all patients with Marfan Syndrome prior to aortic root replacement. International Journal of Cardiology, 2014, 177, e70-e71.	0.8	1
11	184 * BICUSPID AORTIC VALVE DISEASE AND ASCENDING AORTIC ANEURYSM: SHOULD THE AORTIC ROOT REPLACEMENT BE MANDATORY?. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, S55-S55.	0.5	0
12	Role of cardiovascular magnetic resonance in the guidelines of the European Society of Cardiology. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 6.	1.6	125
13	Diagnostic Performance of Focused Cardiac Ultrasound Performed by Emergency Physicians for the Assessment of Ascending Aorta Dilation and Aneurysm. Academic Emergency Medicine, 2015, 22, 536-541.	0.8	14
14	Complicated Acute Aortic Syndromes Affecting the Descending Thoracic Aorta: Endovascular Treatment Compared With Open Repair. Clinical Cardiology, 2015, 38, 585-589.	0.7	4
15	Does This Study Make My Aorta Look Fat?. Circulation, 2015, 132, 1600-1601.	1.6	2
16	Modified transesophageal echocardiography of the dissected thoracic aorta; a novel diagnostic approach. Cardiovascular Ultrasound, 2015, 14, 28.	0.5	8
17	Thoracic aortopathies in the military patient. Journal of the Royal Army Medical Corps, 2015, 161, 230-236.	0.8	1
18	Quality markers in cardiology: measures of outcomes and clinical practice – a perspective of the Spanish Society of Cardiology and of Thoracic and Cardiovascular Surgery1. Cirugía Cardiovascular, 2015, 22, 315-324.	0.1	0
22	Left main bronchus compression by massive thoracic aorta aneurysm as a cause of dyspnea. Cor Et Vasa, 2015, 57, e377-e380.	0.1	2
23	2015 ESC Guidelines for the Management of Acute Coronary Syndromes in Patients Presenting Without Persistent ST-segment Elevation. Revista Española De Cardiología (English Ed), 2015, 68, 1125.	0.4	57

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24	Modern diagnostics for type B aortic dissection. <i>Gefasschirurgie</i> , 2015, 20, 420-427.	0.7	9
25	Follow-up after the Ross procedure, how significant it is, case reports of three patients. <i>Journal of Cardiothoracic Surgery</i> , 2015, 10, 144.	0.4	1
26	Single center experience with wrapping of the dilated ascending aorta. <i>Journal of Cardiothoracic Surgery</i> , 2015, 10, 168.	0.4	6
27	Management of Coronary Artery Disease in Patients With Descending Thoracic Aortic Aneurysms. <i>Journal of Cardiac Surgery</i> , 2015, 30, 701-706.	0.3	2
28	Summary 2014 ESC guidelines. <i>Acta Cardiologica</i> , 2015, 70, 73-79.	0.3	1
29	Type A Aortic Dissection Occurring After Previous Cardiac Surgery. <i>Journal of Cardiac Surgery</i> , 2015, 30, 830-835.	0.3	9
30	In Reply. <i>Academic Emergency Medicine</i> , 2015, 22, 1359-1359.	0.8	0
31	Transthoracic echocardiography in women with preeclampsia. <i>Current Opinion in Anaesthesiology</i> , 2015, 28, 254-260.	0.9	35
32	<i>Rebuttal</i>: Should the distal landing zone be assessed in thoracic endovascular aortic repair?. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, 934-935.	0.7	3
33	New paradigms in the management of acute type B aortic dissection. <i>Current Opinion in Cardiology</i> , 2015, 30, 559-565.	0.8	3
34	A Contemporary Review of Acute Aortic Dissection. <i>Emergency Medicine: Open Access</i> , 2015, 05, .	0.1	0
35	Rare Case of Vaginal Delivery in Giant Aortic Aneurysm. <i>Aorta</i> , 2015, 03, 118-120.	0.1	0
36	Analysis of Strengths, Weaknesses, Opportunities, and Threats as a Tool for Translating Evidence into Individualized Medical Strategies (I-SWOT). <i>Aorta</i> , 2015, 03, 98-107.	0.1	24
38	Endovascular Repair of Aortic Dissection in Marfan Syndrome: Current Status and Future Perspectives. <i>Diseases (Basel, Switzerland)</i> , 2015, 3, 159-166.	1.0	19
39	MRI in Chronic Aortic Dissection: A Systematic Review and Future Directions. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 5.	1.1	22
40	Chronic Thoracic Aortic Aneurysm Presenting 29 Years following Trauma. <i>Case Reports in Surgery</i> , 2015, 2015, 1-4.	0.2	1
41	Fenestrated and Branched Aortic Grafts. <i>Deutsches A&#x0308;rztblatt International</i> , 2015, 112, 816-22.	0.6	20
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44	Marfan Sartan: a randomized, double-blind, placebo-controlled trial. <i>European Heart Journal</i> , 2015, 36, 2160-2166.	1.0	179
45	Substrates of acute coronary syndromes: new insights into plaque rupture and erosion. <i>European Heart Journal</i> , 2015, 36, 1347-1349.	1.0	3
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47	Aortic valve and aneurysms. <i>European Heart Journal</i> , 2015, 36, 1275-1277.	1.0	1
48	Prognostic Impact of Blood Pressure Variability on Aortic Dissection Patients After Endovascular Therapy. <i>Medicine (United States)</i> , 2015, 94, e1591.	0.4	20
49	Filling a gap in the ESC Journal Family: a warm welcome to the EHG "Quality of Care and Clinical Outcomes". <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2015, 1, 3-6.	1.8	0
50	Summary of the 2014 ESC Guidelines on the diagnosis and treatment of aortic diseases: Prepared by the Czech Society of Cardiology. <i>Cor Et Vasa</i> , 2015, 57, e297-e319.	0.1	4
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58	Clinical Exome Sequencing as a Novel Tool for Diagnosing Loeys-Dietz Syndrome Type 3. <i>European Journal of Vascular and Endovascular Surgery</i> , 2015, 50, 816-821.	0.8	14
59	The natural history of guidelines: The case of aortopathy related to bicuspid aortic valves. <i>International Journal of Cardiology</i> , 2015, 199, 150-153.	0.8	29
60	A Case of Penetrating Atherosclerotic Ulcer Treated With Thoracic Endovascular Aortic Repair. <i>Circulation</i> , 2015, 132, 2352-2353.	1.6	4
62	Cardiac surgery 2014 reviewed. <i>Clinical Research in Cardiology</i> , 2015, 104, 1006-1020.	1.5	7
63	Evoluci3n terap3utica y controversias actuales en la cirug3a de los aneurismas toracoabdominales. <i>Angiologia</i> , 2015, 67, 442-446.	0.0	0

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65	New ESC guidelines: aortic disease: Table 1. <i>Heart</i> , 2015, 101, 421-423.	1.2	4
66	Aortic emergencies—diagnosis and treatment: a pictorial review. <i>Insights Into Imaging</i> , 2015, 6, 17-32.	1.6	29
67	Comparative assessment of ascending aortic aneurysms in Marfan patients using ECG-gated computerized tomographic angiography versus trans-thoracic echocardiography. <i>International Journal of Cardiology</i> , 2015, 184, 22-27.	0.8	21
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73	Aortic Dissection in Patients With Bicuspid Aortic Valve—Associated Aneurysms. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1666-1674.	0.7	94
74	A patient with acute aortic dissection presenting with bilateral stroke—A rare experience. <i>Neurologia i Neurochirurgia Polska</i> , 2015, 49, 197-202.	0.6	7
75	Acute Stanford type B aortic dissection occurred simultaneously with acute myocardial infarction. <i>International Journal of Cardiology</i> , 2015, 189, 56-58.	0.8	0
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96	Validation of intravascular ultrasound for measurement of aortic diameters: Comparison with multi-detector computed tomography. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2015, 24, 289-295.	0.6	13
97	Biomechanical Changes After Thoracic Endovascular Aortic Repair in Type B Dissection. <i>Journal of Endovascular Therapy</i> , 2015, 22, 918-933.	0.8	16
98	Quality Markers in Cardiology. Main Markers to Measure Quality of Results (Outcomes) and Quality Measures Related to Better Results in Clinical Practice (Performance Metrics). <i>INCARDIO (Indicadores) Tj ETQq1 1 0,784314 rrgBT /Over</i> <i>Revista Espanola De Cardiologia (English Ed)</i> . 2015. 68. 976-995.e10.	0.4	15
99	Dolor torácico en Urgencias. <i>Medicine</i> , 2015, 11, 5167-5174.	0.0	1
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117	Feasibility of using real-time CMR imaging to evaluate acute thoracic aortic response to exercise. <i>International Journal of Cardiology</i> , 2015, 197, 306-308.	0.8	0
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119	Treatment of acute thoracic aortic syndromes using endovascular techniques. <i>Diagnostic and Interventional Radiology</i> , 2016, 22, 365-370.	0.7	0
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134	Guilt by association: a paradigm for detection of silent aortic disease. <i>Annals of Cardiothoracic Surgery</i> , 2016, 5, 174-187.	0.6	23
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145	Diagnosis and Management (Summary). , 2016, , 3-11.		2
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162	Regional and directional compliance of the healthy aorta: an <i>ex vivo</i> study in a porcine model. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 104-111.	0.5	20
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164	Cost-effectiveness of Screening for Abdominal Aortic Aneurysm in Combination with Medical Intervention in Patients with Small Aneurysms. <i>European Journal of Vascular and Endovascular Surgery</i> , 2016, 51, 766-773.	0.8	29
165	Modern Anesthetic Management of Ruptured Abdominal Aortic Aneurysms. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 1676-1684.	0.6	12
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167	Genetic testing of the FBN1 gene in Chinese patients with Marfan/Marfan-like syndrome. <i>Clinica Chimica Acta</i> , 2016, 459, 30-35.	0.5	9
168	Editor's Choice-Biomarkers of acute cardiovascular and pulmonary diseases. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016, 5, 416-433.	0.4	39
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170	Management of floating thrombus in the aortic arch. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 810-817.	0.4	43
171	Neuroprotection during aortic surgery. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2016, 30, 283-303.	1.7	8
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181	Standardized Protocol to Analyze Computed Tomography Imaging of Type B Aortic Dissections. <i>Journal of Endovascular Therapy</i> , 2016, 23, 472-482.	0.8	13
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185	Outcomes of limited proximal aortic replacement for type A aortic dissection in octogenarians. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 439-446.	0.4	21
186	A custom-made scalloped stentgraft to preserve left subclavian artery flow in descending thoracic aortic disease with a short neck. <i>Expert Review of Medical Devices</i> , 2016, 13, 487-496.	1.4	5
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188	Valve-sparing root replacement in children. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 476-481.	0.6	10
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1213	Twelve-year Follow-up Post"Thoracic Endovascular Repair in Type B Aortic Dissection Shown by Three-dimensional Printing. <i>Annals of Vascular Surgery</i> , 2019, 55, 309.e13-309.e19.	0.4	4
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1238	Aortic reinterventions after the frozen elephant trunk procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 392-399.e1.	0.4	71
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1240	Axillary artery cannulation reduces early embolic stroke and mortality after open arch repair with circulatory arrest. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 772-778.e4.	0.4	26
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1242	Aortic arch surgery with hypothermic circulatory arrest and unilateral antegrade cerebral perfusion: Perioperative outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 374-387.e4.	0.4	28
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1245	An innovative arch-first surgical procedure under moderate hypothermia for acute type A aortic dissection. <i>Journal of Cardiovascular Surgery</i> , 2020, 61, 214-219.	0.3	3
1246	Acute type A aortic dissection â€” a review. <i>Scandinavian Cardiovascular Journal</i> , 2020, 54, 1-13.	0.4	81
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1250	Type A Aortic Dissection in Patients With Bicuspid Aortic Valve Aortopathy. <i>Annals of Thoracic Surgery</i> , 2020, 109, 94-100.	0.7	24
1251	Reply: You can't always get what you want. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, e21-e22.	0.4	0
1252	Reply: Randomized controlled trials in aortic surgery: A call to action. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, e20-e21.	0.4	0
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1321	Clinical medical decision-making of acute aortic intramural hematoma: A non-randomized retrospective case study. <i>Journal of Interventional Medicine</i> , 2020, 3, 132-135.	0.2	0
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1385	Simultaneous molecular MRI of extracellular matrix collagen and inflammatory activity to predict abdominal aortic aneurysm rupture. <i>Scientific Reports</i> , 2020, 10, 15206.	1.6	14
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1390	Robustness of the Comparative Observational Evidence Supporting Class I and II Cardiac Surgery Procedures. <i>Journal of the American Heart Association</i> , 2020, 9, e016964.	1.6	2
1391	Management of Abdominal Aortic Aneurysm Disease: Similarities and Differences Among Cardiovascular Guidelines and NICE Guidance. <i>Journal of Endovascular Therapy</i> , 2020, 27, 889-901.	0.8	20
1392	Guidelines on Aortic Disease Management. <i>Journal of Endovascular Therapy</i> , 2020, 27, 887-888.	0.8	2
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1394	Clinical outcome of acute thoracic aortic syndrome in nonagenarians. <i>Asian Cardiovascular and Thoracic Annals</i> , 2020, 28, 577-582.	0.2	1
1395	Aortic dissection in a Chinese patient 31 years after surgical repair of tetralogy of Fallot. <i>Journal of Cardiology Cases</i> , 2020, 22, 174-176.	0.2	4
1396	Assessment of hemodynamic responses to exercise in aortic coarctation using MRI-ergometry in combination with computational fluid dynamics. <i>Scientific Reports</i> , 2020, 10, 18894.	1.6	10
1397	Outcomes of thoracic endovascular aortic repair in thoracic aortic aneurysm and penetrating aortic ulcer using the Conformable Gore TAG within and outside the instructions for use. <i>Vascular</i> , 2020, 29, 170853812097003.	0.4	1
1398	Thyroid Hormone Is Related to Postoperative AKI in Acute Type A Aortic Dissection. <i>Frontiers in Endocrinology</i> , 2020, 11, 588149.	1.5	5
1399	Commentary: External wrapping in proximal intramural hematoma of the aorta: What's behind the magic?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, , .	0.4	1
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1401	Concomitant pulmonary embolism and aortic dissection: An approach to anticoagulation. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2020, 39, 351.e1-351.e4.	0.2	1
1402	Recommendations for genetic testing in cardiology: Review of major international guidelines. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2020, 39, 597-610.	0.2	0
1403	Marfan syndrome revisited: From genetics to clinical practice. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2020, 39, 215-226.	0.2	2
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1407	Transforming Growth Factor- β 2 and the Renin-Angiotensin System in Syndromic Thoracic Aortic Aneurysms: Implications for Treatment. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 1233-1252.	1.3	22
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1409	Non-traumatic thoracic aortic emergencies: imaging diagnosis and management. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2020, 81, 1-12.	0.2	2
1410	Clinical features and surgical outcomes of type A intramural hematoma. <i>Journal of Thoracic Disease</i> , 2020, 12, 3964-3975.	0.6	0
1411	TAZ Is Related to Postoperative In-Hospital Mortality of Acute Type A Aortic Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 587996.	1.1	1
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1413	A new beginning of aortic angioscopy in diagnosis and treatment in acute aortic syndrome?. <i>Journal of Cardiology</i> , 2020, 76, 58-59.	0.8	0
1415	Development of a multivariable prediction model for patient-adjusted aortic risk morphology. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 692-699.	0.6	7
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1425	Staged open surgery for bicuspid aortic valve regurgitation and coarctation of the aorta in a Jehovahâ€™s witness. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 216.	0.7	1
1426	Computational Hemodynamic Modeling of Arterial Aneurysms: A Mini-Review. <i>Frontiers in Physiology</i> , 2020, 11, 454.	1.3	16
1427	Recent Advances in Biomechanical Characterization of Thoracic Aortic Aneurysms. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 75.	1.1	24
1428	Acute Aortic Syndromes. <i>Heart Failure Clinics</i> , 2020, 16, 305-315.	1.0	8
1429	Imaging Cardiovascular Emergencies. <i>Heart Failure Clinics</i> , 2020, 16, 331-346.	1.0	4
1430	The Safety and Efficacy of Extended TEVAR in Acute Type B Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2020, 110, 799-806.	0.7	28
1432	Association between admission time and in-hospital mortality in acute aortic dissection patients: A retrospective cohort study. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2020, 49, 651-659.	0.8	3
1433	Four-dimensional-flow Magnetic Resonance Imaging of the Aortic Valve and Thoracic Aorta. <i>Radiologic Clinics of North America</i> , 2020, 58, 753-763.	0.9	17
1434	First-in-Human Implantation of Gutter-Free Design Chimney Stent Graft for Aortic Arch Pathology. <i>Annals of Thoracic Surgery</i> , 2020, 110, 664-669.	0.7	11
1435	Disorders of the Aorta and Aortic Valve in Connective Tissue Diseases. <i>Current Cardiology Reports</i> , 2020, 22, 70.	1.3	13
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1437	Valve-sparing versus valve-replacing aortic root operations in patients with Marfan syndrome. <i>Shanghai Chest</i> , 0, 4, 23-23.	0.3	1
1438	Symptomatic Aortic Mural Thrombus Treatment and Outcomes. <i>Annals of Vascular Surgery</i> , 2020, 69, 373-381.	0.4	6
1439	Challenges and experience of setting up an aortic service. <i>Asian Cardiovascular and Thoracic Annals</i> , 2021, 29, 669-676.	0.2	1
1440	Intramural Hematoma as Unexpected Complication of COVID-19 Infection. <i>Aorta</i> , 2020, 08, 074-075.	0.1	10
1441	High-Risk Chief Complaints III. <i>Emergency Medicine Clinics of North America</i> , 2020, 38, 499-522.	0.5	1
1442	Beyond the term penetrating aortic ulcer: A morphologic descriptor covering a constellation of entities with different prognoses. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 488-495.	1.6	9

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1445	Sex differences and temporal trends in aortic dissection: a population-based study of incidence, treatment strategies, and outcome in Swedish patients during 15 years. <i>European Heart Journal</i> , 2020, 41, 2430-2438.	1.0	88
1446	A tear in the fabric: unravelling gender differences in aortic dissection. <i>European Heart Journal</i> , 2020, 41, 2439-2441.	1.0	6
1447	Validation of thoracic aortic dimensions on ECG-triggered SSFP as alternative to contrast-enhanced MRA. <i>European Radiology</i> , 2020, 30, 5794-5804.	2.3	6
1448	Prediction of adverse events in patients with initially medically treated type A intramural hematoma. <i>International Journal of Cardiology</i> , 2020, 313, 114-120.	0.8	10
1449	Characterization and Significance of Monocytes in Acute Stanford Type B Aortic Dissection. <i>Journal of Immunology Research</i> , 2020, 2020, 1-15.	0.9	8
1450	Maleâ€“female differences in quality of life and coping style in patients with Marfan syndrome and hereditary thoracic aortic diseases. <i>Journal of Genetic Counseling</i> , 2020, 29, 1259-1269.	0.9	17
1451	The Management of Penetrating Aortic Ulcer. <i>Hearts</i> , 2020, 1, 5-13.	0.4	4
1452	Management of Uncomplicated Type B Aortic Dissection. <i>Hearts</i> , 2020, 1, 14-24.	0.4	10
1454	Permissive Hypertension and Collateral Revascularization May Allow Avoidance of Cerebrospinal Fluid Drainage in Thoracic Endovascular Aortic Repair. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1469-1474.	0.7	27
1455	Sex-specific risk factors for early mortality and survival after surgery of acute aortic dissection type a: a retrospective observational study. <i>Journal of Cardiothoracic Surgery</i> , 2020, 15, 145.	0.4	25
1456	Commentary: Thoracic aortas: More to stress about than just size. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 162, 1460-1461.	0.4	1
1457	The risk of misdiagnosis in acute thoracic aortic dissection: a review of current guidelines. <i>Heart</i> , 2020, 106, 885-891.	1.2	35
1458	A novel risk score on admission for predicting death or need for surgery in patients with acute type A intramural hematoma receiving medical therapy. <i>Heart and Vessels</i> , 2020, 35, 1164-1170.	0.5	16
1459	Late Takayasu Arteritis Diagnosis in a Female Patient With Prior Coronary Artery Bypass Grafting. <i>JACC: Case Reports</i> , 2020, 2, 19-23.	0.3	0
1460	Systematic Review of Aortic Dissection Detection Risk Score Plus Dâ€“dimer for Diagnostic Ruleâ€“out Of Suspected Acute Aortic Syndromes. <i>Academic Emergency Medicine</i> , 2020, 27, 1013-1027.	0.8	34
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1462	Wrapping in Ascending Aortic Aneurysms as an Alternative for Replacement: Is It Beneficial?. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 322-327.	0.4	1

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1464	Short- and long-term outcomes in isolated penetrating aortic ulcer disease. <i>Journal of Vascular Surgery</i> , 2020, 72, 84-91.	0.6	21
1465	Amount of Intraluminal Thrombus Correlates with Severe Adverse Events in Abdominal Aortic Aneurysms after Endovascular Aneurysm Repair. <i>Annals of Vascular Surgery</i> , 2020, 67, 254-264.	0.4	10
1466	Off-the-shelf multibranched endograft for total endovascular repair of the aortic arch. <i>Journal of Vascular Surgery</i> , 2020, 72, 805-811.	0.6	24
1467	A nomogram for predicting in-hospital mortality in acute type A aortic dissection patients. <i>Journal of Thoracic Disease</i> , 2020, 12, 264-275.	0.6	12
1468	CSC Expert Consensus on Principles of Clinical Management of Patients With Severe Emergent Cardiovascular Diseases During the COVID-19 Epidemic. <i>Circulation</i> , 2020, 141, e810-e816.	1.6	92
1470	Combining Volumetric and Wall Shear Stress Analysis from CT to Assess Risk of Abdominal Aortic Aneurysm Progression. <i>Radiology</i> , 2020, 295, 722-729.	3.6	30
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1472	Thoracic Aortic Emergencies: Presenting Pathologies and Treatment Strategies. <i>Seminars in Interventional Radiology</i> , 2020, 37, 085-096.	0.3	2
1473	A Case of an Abdominal Aortic Dissection in a Hemodynamically Stable Marfan Syndrome Patient Presenting without Pain. <i>Case Reports in Cardiology</i> , 2020, 2020, 1-4.	0.1	0
1474	Life Expectancy after Surgery for Ascending Aortic Aneurysm. <i>Journal of Clinical Medicine</i> , 2020, 9, 615.	1.0	13
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1476	Sinus of Valsalva Aneurysms: A State-of-the-Art Imaging Review. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 295-312.	1.2	23
1477	Genetic Deletion of Socs3 in Smooth Muscle Cells Ameliorates Aortic Dissection in Mice. <i>JACC Basic To Translational Science</i> , 2020, 5, 126-144.	1.9	12
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1479	Surgical Decision Making in Uncomplicated Type B Aortic Dissection: A Survey of Australian/New Zealand and European Surgeons. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 60, 194-200.	0.8	13
1480	Outcomes of type Ia endoleaks after endovascular repair of the proximal aorta. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 2012-2021.e6.	0.4	8
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1483	Recomendaciones de la Sociedad Española de Cirugía Cardiovascular y Endovascular ante la pandemia de COVID-19. En representación de la Sociedad Española de Cirugía Cardiovascular y Endovascular (SECCE). Cirugía Cardiovascular, 2020, 27, 86-92.	0.1	2
1484	Open total arch replacement with trifurcated graft and frozen elephant trunk. Annals of Cardiothoracic Surgery, 2020, 9, 170-177.	0.6	20
1485	A New Clinically Driven Classification for Acute Aortic Dissection. Frontiers in Surgery, 2020, 7, 37.	0.6	12
1486	Sex differences in bicuspid aortic valve disease. Progress in Cardiovascular Diseases, 2020, 63, 452-456.	1.6	26
1487	Feasibility and accuracy of a novel automated three-dimensional ultrasonographic analysis system for abdominal aortic aneurysm: comparison with two-dimensional ultrasonography and computed tomography. Cardiovascular Ultrasound, 2020, 18, 24.	0.5	6
1488	The 301 Classification: A Proposed Modification to the Stanford Type B Aortic Dissection Classification for Thoracic Endovascular Aortic Repair Prognostication. Mayo Clinic Proceedings, 2020, 95, 1329-1341.	1.4	11
1489	Role of proximal and distal tear size ratio in hemodynamic change of acute type A aortic dissection. Journal of Thoracic Disease, 2020, 12, 3200-3210.	0.6	6
1490	<p>Diagnosing Aortic Intramural Hematoma: Current Perspectives</p>. Vascular Health and Risk Management, 2020, Volume 16, 203-213.	1.0	11
1492	Extensive Aortic Dissection from Aortic Root to Iliac Artery. Case, 2020, 4, 226-229.	0.1	2
1493	Symptomatic Distal Anastomotic Pseudo-aneurysm After the Bentall Procedure Successfully Treated by Supra-aortic Trunk Debranching and Zone 0 Thoracic Endovascular Aneurysm Repair. EJVES Vascular Forum, 2020, 47, 90-96.	0.2	4
1494	The Mediastineâ€™s Cane. JACC: Case Reports, 2020, 2, 493-494.	0.3	0
1495	Commentary: Diameter alone is not precise enough but wall stress analysis may facilitate decision-making for indications for prophylactic aortic repair. Journal of Thoracic and Cardiovascular Surgery, 2020, 162, 1461-1462.	0.4	1
1496	Is the frozen elephant trunk technique justified for chronic type A aortic dissection in Marfan syndrome?. Annals of Cardiothoracic Surgery, 2020, 9, 197-208.	0.6	8
1497	The Grey Zone and the Complexity of Clinical Decisions in Sports Cardiology. Journal of Cardiovascular Translational Research, 2020, 13, 339-344.	1.1	1
1498	Stanford type a aortic dissection with cerebral infarction: a rare case report. BMC Neurology, 2020, 20, 253.	0.8	5
1499	Familial Clustering of Aortic Size, Aneurysms, and Dissections in the Community. Circulation, 2020, 142, 920-928.	1.6	31
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1502	Imaging of the aortic root on high-pitch non-gated and ECG-gated CT: awareness is the key!. <i>Insights Into Imaging</i> , 2020, 11, 51.	1.6	15
1503	Long Noncoding RNA Hypoxia-Inducible Factor-1 Alpha-Antisense RNA 1 Regulates Vascular Smooth Muscle Cells to Promote the Development of Thoracic Aortic Aneurysm by Modulating Apoptotic Protease-Activating Factor 1 and Targeting let-7g. <i>Journal of Surgical Research</i> , 2020, 255, 602-611.	0.8	8
1504	Role of Endoluminal Techniques in the Management of Chronic Type B Aortic Dissection. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 1808-1820.	0.9	10
1505	The effect of the entry and re-entry size in the aortic dissection: a two-way fluid-structure interaction simulation. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 2643-2656.	1.4	13
1506	Spinal cord injury after open and endovascular repair of descending thoracic and thoracoabdominal aortic aneurysms: A meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 552-564.	0.4	38
1507	Clinical ultrasonography in cardiovascular risk. <i>Revista Clínica Española</i> , 2020, 220, 364-373.	0.3	0
1508	Aortic Remodeling and Clinical Outcomes in Type B Aortic Dissection According to the Timing of Thoracic Endovascular Aortic Repair. <i>Annals of Vascular Surgery</i> , 2020, 67, 322-331.	0.4	15
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1510	Wall stress analyses in patients with acute versus chronic ascending thoracic aortic aneurysm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1452-1459.	0.4	27
1511	Association Between Extent of Stent-Graft Coverage and Thoracic Aortic Remodeling After Endovascular Repair of Type B Aortic Dissection. <i>Journal of Endovascular Therapy</i> , 2020, 27, 211-220.	0.8	14
1512	Ascending aortic elongation and correlative change in overall configuration of the proximal aorta in elderly patients with severe aortic stenosis. <i>Clinical Anatomy</i> , 2020, 33, 1240-1248.	1.5	4
1513	Increased Circulating Angiotensin-Like Protein 8 Levels Are Associated with Thoracic Aortic Dissection and Higher Inflammatory Conditions. <i>Cardiovascular Drugs and Therapy</i> , 2020, 34, 65-77.	1.3	25
1514	Gestione chirurgica per via aperta ed endovascolare delle dissecazioni acute di tipo B. <i>EMC - Tecniche Chirurgiche Vascolare</i> , 2020, 25, 1-20.	0.0	0
1515	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2020, 110, 947-948.	0.7	0
1516	Society for Vascular Surgery (SVS) and Society of Thoracic Surgeons (STS) reporting standards for type B aortic dissections. <i>Journal of Vascular Surgery</i> , 2020, 71, 723-747.	0.6	303
1517	Utility of double arterial cannulation for surgical repair of acute type A dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 1068-1075.	0.6	14
1518	Surgery for Type A Aortic Dissection: 14-Year Contemporary Cohort Study. <i>Heart Lung and Circulation</i> , 2020, 29, 1210-1216.	0.2	10

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1520	Association of Ascending Aortic Dilatation and Long-term Endurance Exercise Among Older Masters-Level Athletes. <i>JAMA Cardiology</i> , 2020, 5, 522.	3.0	34
1521	Automatic detection of anatomical landmarks of the aorta in CTA images. <i>Medical and Biological Engineering and Computing</i> , 2020, 58, 903-919.	1.6	11
1522	Familial Aortopathies â€” State of the Art Review. <i>Heart Lung and Circulation</i> , 2020, 29, 607-618.	0.2	8
1523	Clinical outcomes of aortic arch hybrid repair in a real-world single-center experience. <i>Journal of Vascular Surgery</i> , 2020, 72, 813-821.	0.6	6
1524	SIRT1 protects against aortic dissection by regulating AP-1/decorin signaling-mediated PDCD4 activation. <i>Molecular Biology Reports</i> , 2020, 47, 2149-2159.	1.0	6
1525	Histone methylation and vascular biology. <i>Clinical Epigenetics</i> , 2020, 12, 30.	1.8	43
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1527	Pathogenic FBN1 Genetic Variation and Aortic Dissection in Patients With Marfanâ€™s Syndrome. <i>Journal of the American College of Cardiology</i> , 2020, 75, 843-853.	1.2	38
1528	Medical therapy in type B aortic intramural hematoma is associated with a high failure rate. <i>Journal of Vascular Surgery</i> , 2020, 71, 1088-1096.	0.6	21
1529	Prospective diagnostic accuracy study of plasma soluble ST2 for diagnosis of acute aortic syndromes. <i>Scientific Reports</i> , 2020, 10, 3103.	1.6	12
1531	A parametric model for studying the aorta hemodynamics by means of the computational fluid dynamics. <i>Journal of Biomechanics</i> , 2020, 103, 109691.	0.9	6
1532	Technical eligibility for endovascular treatment of the aortic arch after open type A aortic dissection repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 770-777.	0.4	11
1533	Soluble LOXâ€1: A Novel Biomarker in Patients With Coronary Artery Disease, Stroke, and Acute Aortic Dissection?. <i>Journal of the American Heart Association</i> , 2020, 9, e013803.	1.6	32
1534	Reply to â€œControversies in screening for abdominal aortic aneurysmâ€. <i>International Journal of Cardiology</i> , 2020, 300, 236.	0.8	0
1535	British Society for Rheumatology guideline on diagnosis and treatment of giant cell arteritis. <i>Rheumatology</i> , 2020, 59, e1-e23.	0.9	128
1536	Accuracy of aortic dissection detection risk score alone or with D-dimer: A systematic review and meta-analysis. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, S32-S39.	0.4	33
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1539	Differences in Aortopathy in Patients with a Bicuspid Aortic Valve with or without Aortic Coarctation. <i>Journal of Clinical Medicine</i> , 2020, 9, 290.	1.0	9
1540	The Genetics of Thoracic Aortic Aneurysms and Dissection: A Clinical Perspective. <i>Biomolecules</i> , 2020, 10, 182.	1.8	73
1541	Diagnostic approach and management of genetic aortopathies. <i>Vascular Medicine</i> , 2020, 25, 63-77.	0.8	19
1542	Diagnosis and risk stratification of chest pain patients in the emergency department: focus on acute coronary syndromes. A position paper of the Acute Cardiovascular Care Association. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 76-89.	0.4	90
1543	The evolution of treatments for uncomplicated type B intramural hematoma patients. <i>Journal of Cardiac Surgery</i> , 2020, 35, 580-590.	0.3	6
1544	Society for Vascular Surgery (SVS) and Society of Thoracic Surgeons (STS) Reporting Standards for Type B Aortic Dissections. <i>Annals of Thoracic Surgery</i> , 2020, 109, 959-981.	0.7	97
1545	Incidence, predictors, and outcomes of spinal cord ischemia in elective complex endovascular aortic repair: An analysis of health insurance claims. <i>Journal of Vascular Surgery</i> , 2020, 72, 837-848.	0.6	23
1546	Cardiogenetics: a primer for the clinical cardiologist. <i>Heart</i> , 2020, 106, 938-947.	1.2	6
1547	Impact of histopathological changes in ascending aortic diseases. <i>International Journal of Cardiology</i> , 2020, 311, 91-96.	0.8	9
1548	Successful medical management of a 16-month chronic type A aortic dissection. <i>Radiology Case Reports</i> , 2020, 15, 660-663.	0.2	1
1549	A 38-Year-Old Woman With Worsening Dyspnea After Giving Birth. <i>JAMA Cardiology</i> , 2020, 5, 609.	3.0	0
1550	Aortic arch geometry predicts outcome in patients with Loeys-Dietz syndrome independent of the causative gene. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 1673-1680.	0.7	4
1551	Acute Type A Aortic Dissection Repair After Hours: Does It Influence Outcomes?. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1622-1628.	0.7	4
1553	A large-scale cohort study of long-term cardiac rehabilitation: A prospective cross-sectional study. <i>International Journal of Cardiology</i> , 2020, 309, 1-7.	0.8	8
1554	Endovascular Abdominal Aortic Aneurysm Repair. <i>Interventional Cardiology Clinics</i> , 2020, 9, 153-168.	0.2	5
1555	Aortic dissection during pregnancy and postpartum in patients with Marfan syndrome: a 21-year clinical experience in 30 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 294-301.	0.6	12
1556	Watch-and-wait strategy for type A intramural haematoma and acute aortic dissection with thrombosed false lumen of the ascending aorta: a Japanese single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 590-597.	0.6	29

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1558	Marfan Syndrome Versus Bicuspid Aortic Valve Disease: Comparative Analysis of Obstetric Outcome and Pregnancy-Associated Immediate and Long-Term Aortic Complications. <i>Journal of Clinical Medicine</i> , 2020, 9, 1124.	1.0	4
1559	A smaller heart-aorta-angle associates with ascending aortic dilatation and increases wall shear stress. <i>European Radiology</i> , 2020, 30, 5149-5157.	2.3	13
1560	A study of aortic dissection screening method based on multiple machine learning models. <i>Journal of Thoracic Disease</i> , 2020, 12, 605-614.	0.6	11
1561	Feasibility and early outcomes of aortic coarctation treatments with <scp>BeGraft</scp> Aortic stent. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E310-E316.	0.7	10
1562	The protein Deleted in Breast Cancer-1 (DBC1) regulates vascular response and formation of aortic dissection during Angiotensin II infusion. <i>Scientific Reports</i> , 2020, 10, 6772.	1.6	6
1563	Acute type A aortic dissection: Aortic Dissection Detection Risk Score in emergency care – surgical delay because of initial misdiagnosis. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, S40-S47.	0.4	31
1564	The onset of acute type A aortic dissection following recovery of type B intramural haematoma: a case report. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 162.	0.7	3
1565	Prognostic value of clinical and morphologic findings in patients with type B aortic intramural hematoma. <i>Journal of Cardiothoracic Surgery</i> , 2020, 15, 49.	0.4	6
1566	Potential Molecular Pathways Related to Pulmonary Artery Aneurysm Development: Lessons to Learn from the Aorta. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2509.	1.8	7
1568	Perioperative care after thoracoabdominal aortic aneurysm repair: The Baylor College of Medicine experience. Part 2: Postoperative management. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 699-705.	0.4	25
1569	Three-dimensional volumetric measurement of the aortic root compared to standard two-dimensional measurements using cardiac computed tomography. <i>Clinical Anatomy</i> , 2021, 34, 333-341.	1.5	6
1570	Diagnosis and management of acute aortic syndromes in the emergency department. <i>Internal and Emergency Medicine</i> , 2021, 16, 171-181.	1.0	39
1571	Loeys-Dietz syndrome pathology and aspects of cardiovascular management: A systematic review. <i>Vascular</i> , 2021, 29, 3-14.	0.4	13
1572	Multidimensional Analysis of Descending Aortic Growth After Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2021, 111, 615-621.	0.7	3
1573	Rapid Response in Type A Aortic Dissection: Is There a Decisive Time Interval for Surgical Repair?. <i>Thoracic and Cardiovascular Surgeon</i> , 2021, 69, 049-056.	0.4	11
1574	Serum Ceruloplasmin Is the Candidate Predictive Biomarker for Acute Aortic Dissection and Is Related to Thrombosed False Lumen: a Propensity Score-Matched Observational Case-Control Study. <i>Biological Trace Element Research</i> , 2021, 199, 895-911.	1.9	5
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1679	Intraoperative Transesophageal Echocardiography in Management of Acute Type I Aortic Dissection With Malperfusion: A Case Report. <i>Military Medicine</i> , 2022, 187, e543-e546.	0.4	2
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1681	Acute inferior wall myocardial infarction induced by aortic dissection in a young adult with Marfan syndrome: A case report. <i>World Journal of Clinical Cases</i> , 2021, 9, 970-975.	0.3	0
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1683	Morphologic characteristics and endovascular management of acute type B dissection patients with superior mesenteric artery involvement. <i>Journal of Vascular Surgery</i> , 2021, 74, 528-536.e2.	0.6	2
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1685	Influence of aneurysmal aortic root geometry on mechanical stress to the aortic valve leaflet. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 986-994.	0.5	3
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1693	Multicentre experience with the frozen elephant trunk technique to treat penetrating aortic ulcers involving the aortic arch. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 1238-1244.	0.6	14
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1695	Medical Therapies for Marfan Syndrome and Other Thoracic Aortic Dilatation in Adults: A Contemporary Review. <i>American Journal of Cardiovascular Drugs</i> , 2021, 21, 609-617.	1.0	3
1696	Commentary: Vasa vasorum dysfunction and acute aortic syndromes: When guidelines do not follow the evolution of knowledge. <i>JTCVS Open</i> , 2021, 5, 33-34.	0.2	3
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1701	Major aortic surgery: from root to diaphragm. <i>Surgery</i> , 2021, 39, 147-155.	0.1	0
1702	Impact of diverse aortic pathologies on outcomes after transapical transcatheter aortic valve replacement. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2240-2246.	0.3	2
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1704	Transaortic endosonographic-guided needle biopsy: A word of caution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e93-e94.	0.4	5
1706	Aortic aneurysms with tricuspid aortic valve have more degeneration than unicuspid aortic valve aneurysms. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 333-340.	0.6	4
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1708	Aortic Regurgitation Is Associated With Ascending Aortic Remodeling in the Nondilated Aorta. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1179-1190.	1.1	13

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1711	Analysis of MCM Proteinsâ€™ Role as a Potential Target of Statins in Patients with Acute Type A Aortic Dissection through Bioinformatics. <i>Genes</i> , 2021, 12, 387.	1.0	2
1712	The recent 10-year landscape of aortic dissection research: a bibliometric analysis. <i>Journal of Thoracic Disease</i> , 2021, 13, 1592-1602.	0.6	1
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1715	Genetic aortic disease epidemiology, management principles, and disparities in care. <i>Seminars in Vascular Surgery</i> , 2021, 34, 79-88.	1.1	8
1716	The Progress of Advanced Ultrasonography in Assessing Aortic Stiffness and the Application Discrepancy between Humans and Rodents. <i>Diagnostics</i> , 2021, 11, 454.	1.3	2
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1718	Non-contrast CT-based radiomic signature for screening thoracic aortic dissections: a multicenter study. <i>European Radiology</i> , 2021, 31, 7067-7076.	2.3	8
1720	Genetic screening in heritable thoracic aortic diseaseâ€”rationale, potentials and pitfalls. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 38, 24-35.	0.2	2
1721	Transapical transcatheter aortic valve implantation in patients with aortic diseases. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 1174-1181.	0.6	8
1722	Impact of socioeconomic deprivation on incidence and outcomes of acute type A aortic dissection repair in New Zealand. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2035-2043.	0.3	7
1723	A "sneaky" symptom of aortic dissection. Brief literature review, pathophysiology and diagnostic tools management. <i>Monaldi Archives for Chest Disease</i> , 2021, 91, .	0.3	0
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1725	Diameter change in completely remodelled proximal descending aorta after acute type I dissection repair: implications for estimating the pre-dissection size. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 614-621.	0.6	2
1726	Short-term outcomes of acute coronary involvement in type A aortic dissection without myocardial ischemia: a multiple center retrospective cohort study. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 107.	0.4	5
1728	Arterial aneurysm and dissection with systemic vascular endothelial growth factor inhibitors: A review of cases reported to the FDA Adverse Event Reporting System and published in the literature. <i>Vascular Medicine</i> , 2021, 26, 526-534.	0.8	9
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1731	Adjunctive false lumen intervention for chronic aortic dissections is safe but offers unclear benefit. <i>Annals of Vascular Surgery</i> , 2021, 76, 10-19.	0.4	0
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1733	Intervention rates and outcomes in medically managed uncomplicated descending thoracic aortic dissections. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 958-965.e4.	0.4	9
1734	Comprehensive Review of Physician Modified Aortic Stent Grafts: Technical and Clinical Outcomes. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 61, 560-569.	0.8	39
1735	Supravalvular Aortic Stenosis and the Risk of Premature Death Among Patients With Homozygous Familial Hypercholesterolemia. <i>American Journal of Cardiology</i> , 2021, 145, 58-63.	0.7	11
1736	Reply to Roberto et al. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 208-208.	0.6	0
1737	Exploring the potential of rapid evaporative ionization mass spectrometry (Intelligent Knife) for point-of-care testing in aortic surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 562-568.	0.6	4
1738	Italian Cardiological Guidelines (COCIS) for Competitive Sport Eligibility in athletes with heart disease: update 2020. <i>Journal of Cardiovascular Medicine</i> , 2021, 22, 874-891.	0.6	34
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1745	Aortic strain in bicuspid aortic valve: an analysis. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 2399-2408.	0.7	1
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1780	Timing and Outcome of Endovascular Repair for Uncomplicated Type B Aortic Dissection. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 61, 788-797.	0.8	34
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1798	Non-syndromic thoracic aortic aneurysm: cellular and molecular insights. <i>Journal of Pathology</i> , 2021, 254, 229-238.	2.1	8
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1846	Non-aneurysmal ascending aorta diameter changes after aortic valve replacement in patients with stenotic bicuspid and tricuspid aortic valve. <i>General Thoracic and Cardiovascular Surgery</i> , 2022, 70, 33-43.	0.4	2
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1854	Heritable Thoracic Aortic Aneurysms and Dissections. <i>Techniques in Vascular and Interventional Radiology</i> , 2021, 24, 100747.	0.4	2
1855	Balloon Endoclamping for Postdissection Infrarenal Aorto-iliac Aneurysm Repair. <i>Annals of Vascular Surgery</i> , 2021, 74, 491-496.	0.4	1
1856	Guía anestésico-quirúrgica en el tratamiento de la cirugía de aorta ascendente y del arco aórtico. Documento de consenso de la Sociedad Española de Cirugía Cardiovascular y Endovascular y la Sociedad Española de Anestesiología, Reanimación y Terapéutica del Dolor. <i>Revista Española De Anestesiología Y Reanimación</i> , 2021, , .	0.1	1
1857	Root Reimplantation and Aortic Annuloplasty With External Ring in Bicuspid Aortic Valve: An Anatomical Comparison. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	3
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1861	Effectiveness of endovascular versus open surgical repair for thoracic aortic aneurysm: a systematic review and meta-analysis. <i>Journal of Cardiovascular Surgery</i> , 2022, 63, .	0.3	5
1862	Ascending Aortic Length and Its Association With Type A Aortic Dissection. <i>Journal of the American Heart Association</i> , 2021, 10, e020140.	1.6	13
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1869	The Expression Patterns and Roles of Lysyl Oxidases in Aortic Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 692856.	1.1	8
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1875	Assessment of thoracic aorta in different cardiac phases in patients with non-aorta diseases using cardiac CT. <i>Scientific Reports</i> , 2021, 11, 15209.	1.6	1
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1878	When there is no pain: a case of silent acute aortic dissection. <i>Italian Journal of Emergency Medicine</i> , 2021, 10, .	0.0	1
1879	Technological readiness and implementation of genomic-driven precision medicine for complex diseases. <i>Journal of Internal Medicine</i> , 2021, 290, 602-620.	2.7	18
1880	Retrospective analysis of factors associated with aortic remodeling in patients with Stanford type B aortic dissection after thoracic endovascular aortic repair. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 190.	0.4	3
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1884	Percutaneous coronary intervention for left main coronary artery malperfusion in acute type A aortic dissection. <i>Cardiovascular Intervention and Therapeutics</i> , 2022, 37, 333-342.	1.2	11
1885	Differences in the clinical presentation, management, and in-hospital outcomes of acute aortic dissection in patients with and without end-stage renal disease. <i>BMC Nephrology</i> , 2021, 22, 257.	0.8	3
1886	Predictors of adverse events in uncomplicated type B aortic dissection: a systematic review with meta-analysis. <i>International Angiology</i> , 2021, 40, 416-424.	0.4	2
1887	Preventing abdominal aortic aneurysm in men. <i>Trends in Urology & Men's Health</i> , 2021, 12, 20-23.	0.2	0
1888	David Operation for Insufficient Pulmonary Autograft After Ross-Konno Procedure. <i>Annals of Thoracic Surgery</i> , 2022, 113, e279-e281.	0.7	0
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1891	Sutureless aortic valve with supracoronary ascending aortic replacement as an alternative strategy for composite graft replacement in elderly patients. <i>Netherlands Heart Journal</i> , 2021, , 1.	0.3	0
1892	Geometric changes in aortic root replacement using Freestyle prosthesis. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 204.	0.4	0
1893	Survival after aortic root replacement with a stentless xenograft is determined by patient characteristics. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1712-1724.e10.	0.4	3
1894	Trends and Outcomes of Elective Thoracic Aortic Repair and Acute Thoracic Aortic Syndromes in the United States. <i>American Journal of Medicine</i> , 2021, 134, 902-909.e5.	0.6	12
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1896	Genetic variants in Chinese patients with sporadic Stanford type A aortic dissection. <i>Journal of Thoracic Disease</i> , 2021, 13, 4008-4022.	0.6	4
1897	Aortic Dissection: A Review of the Pathophysiology, Management and Prospective Advances. <i>Current Cardiology Reviews</i> , 2021, 17, e230421186875.	0.6	48
1898	Evaluation of Acute Aortic Dissections in the Emergency Department: A Retrospective Study. <i>OsmangazÄ° Journal of Medicine</i> , 0, , .	0.1	0
1899	Root Dilatation Is More Malignant Than Ascending Aortic Dilation. <i>Journal of the American Heart Association</i> , 2021, 10, e020645.	1.6	16
1900	Type A aortic dissection after transcatheter aortic valve replacement: is a surgical approach always needed?. <i>Journal of Cardiovascular Medicine</i> , 2021, 22, e29-e31.	0.6	1

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1901	Endovascular treatment of a ruptured post-traumatic false aneurysm of the aortic isthmus: A case report. <i>International Journal of Surgery Case Reports</i> , 2021, 85, 106190.	0.2	0
1902	Hybrid Surgery to Manage Aortic Arch Pathology. <i>Medicina (Lithuania)</i> , 2021, 57, 909.	0.8	0
1904	The natural history of a family with aortic dissection associated with a novel ACTA2 variant. <i>Annals of Vascular Surgery</i> , 2021, , .	0.4	3
1905	Note the descending aorta: predictors of postoperative major adverse aortic event in pure acute type A intramural hematoma. <i>Journal of Thoracic Disease</i> , 2021, 13, 4935-4946.	0.6	3
1906	Management of the penetrating atherosclerotic ulcer in the descending thoracic aorta. <i>Asian Cardiovascular and Thoracic Annals</i> , 2021, 29, 661-668.	0.2	0
1907	Cerebrospinal Fluid Drainage in Thoracic and Thoracoabdominal Endovascular Aortic Repair: A Survey of Current Clinical Practice in European Medical Centers. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, , .	0.6	6
1908	2021 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Heart Journal</i> , 2022, 43, 561-632.	1.0	2,169
1909	Pregnancy-Related Aortic Complications in Women With Marfan Syndrome. <i>Journal of the American College of Cardiology</i> , 2021, 78, 870-879.	1.2	20
1910	Urgent endovascular aortic dissection repair in a Marfan patient during COVID-19 pandemic. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e04634.	0.2	2
1911	Case report of a peculiar aneurysm of the ascending aorta: when there is much more beyond an incidental finding. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab205.	0.3	0
1912	Anatomy of the retrograde type A aortic dissection after endovascular repair of type B aortic dissection: a case report. <i>Heart Vessels and Transplantation</i> , 0, .	0.0	0
1913	Hospitalization Cost and In-hospital Outcomes Following Type B Thoracic Aortic Dissection Repair. <i>Annals of Vascular Surgery</i> , 2021, 75, 22-28.	0.4	6
1914	Aortic root aortopathy in bicuspid aortic valve associated with high genetic risk. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 413.	0.7	6
1915	Total aortic arch replacement using the thoraflex hybrid prosthesis: early- and medium-term results from a Scandinavian center. <i>Scandinavian Cardiovascular Journal</i> , 2021, 55, 308-314.	0.4	3
1916	Association of IL1R1 Coding Variant With Plasma-Level Soluble ST2 and Risk of Aortic Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 710425.	1.1	5
1917	Three Cases of Emergency Department Medical Malpractice Involving "Consultations": How Is Liability Legally Determined?. <i>Clinical Practice and Cases in Emergency Medicine</i> , 2021, 5, 283-288.	0.1	0
1918	CT features of blunt abdominal aortic injury: an infrequent but life-threatening event. <i>Emergency Radiology</i> , 2021, , 1.	1.0	6
1919	Incidence, Predictors and Outcomes of Delirium in Complicated Type B Aortic Dissection Patients After Thoracic Endovascular Aortic Repair. <i>Clinical Interventions in Aging</i> , 2021, Volume 16, 1581-1589.	1.3	9

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1920	Current Pharmacological Management of Aortic Aneurysm. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 78, 211-220.	0.8	2
1921	2021 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 727-800.	0.6	344
1922	Endovascular entry closure of a late type A aortic dissection after implantation of a self-expanding transcatheter heart valve (Evolut R): a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab343.	0.3	2
1923	Prevalence, Clinical Features, and In-hospital Outcome of Fatty Liver Disease in Acute Aortic Dissection: A Single-Center Retrospective Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 698285.	1.1	0
1924	Association of Regional Wall Shear Stress and Progressive Ascending Aorta Dilation in Bicuspid Aortic Valve. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 33-42.	2.3	37
1925	Risk factors for incomplete thrombosis in false lumen in sub-acute type B aortic dissection post-TEVAR. <i>Heart and Vessels</i> , 2022, 37, 505-512.	0.5	4
1926	Systematic review and meta-analysis of aortic valve-sparing surgery versus replacement surgery in ascending aortic aneurysms and dissection in patients with Marfan syndrome and other genetic connective tissue disorders. <i>Journal of Thoracic Disease</i> , 2021, 13, 4830-4844.	0.6	9
1927	Efficacy and Safety of Heparinization before Deployment of Endograft for Blunt Traumatic Aortic Injury in Severely Injured Patients. <i>Annals of Vascular Surgery</i> , 2021, 75, 341-348.	0.4	9
1928	Admission LDL-C and long-term mortality in patients with acute aortic dissection: a survival analysis in China. <i>Annals of Translational Medicine</i> , 2021, 9, 1345-1345.	0.7	5
1929	Further Evidence for the Safety Considerations in Pregnancy of Women With Marfan Syndrome. <i>Journal of the American College of Cardiology</i> , 2021, 78, 880-882.	1.2	0
1930	Thoracic Endovascular Aortic Repair for Retrograde Type A Aortic Intramural Hematoma. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 712524.	1.1	2
1931	Dissecting the epidemiology of aortic dissection. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 710-711.	0.4	6
1932	Downregulation of Filamin a Expression in the Aorta Is Correlated With Aortic Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 690846.	1.1	13
1933	Potential of unenhanced computed tomography as a screening tool for acute aortic syndromes. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 967-975.	0.4	4
1934	Elderly Woman With Chest Tightness. <i>Annals of Emergency Medicine</i> , 2021, 78, 230-286.	0.3	0
1935	The potential value of the neutrophil to lymphocyte ratio for early differential diagnosis and prognosis assessment in patients with aortic dissection. <i>Clinical Biochemistry</i> , 2021, 97, 41-47.	0.8	10
1936	Update in aortic dissection. <i>Trends in Cardiovascular Medicine</i> , 2022, 32, 456-461.	2.3	30
1937	Deep learning method for aortic root detection. <i>Computers in Biology and Medicine</i> , 2021, 135, 104533.	3.9	8

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1938	A rare case of ulcerative colitis in a patient who developed acute ischemic colitis associated with Takayasu arteritis. <i>Clinical Journal of Gastroenterology</i> , 2021, 14, 1671-1678.	0.4	2
1939	Genetic Testing for Heritable Cardiovascular Diseases in Pediatric Patients: A Scientific Statement From the American Heart Association. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e000086.	1.6	43
1940	The elevated expression of TLR4 and MMP9 in human abdominal aortic aneurysm tissues and its implication. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 378.	0.7	6
1941	Aortic coarctation with cardiac fibroma in a young patient: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab271.	0.3	1
1942	Decade-long trends in surgery for acute Type A aortic dissection in England: A retrospective cohort study. <i>Lancet Regional Health - Europe, The</i> , 2021, 7, 100131.	3.0	16
1943	Early Efficacy of In Situ Fenestration with a Triple Chimney Technique for High-Risk Stanford Type A Aortic Dissection: A Single-Center Retrospective Study. <i>Journal of Interventional Cardiology</i> , 2021, 2021, 1-7.	0.5	2
1944	A Common Electrocardiogram Demonstrating an Uncommon Cause. <i>JAMA Internal Medicine</i> , 2021, 181, 1388-1390.	2.6	0
1945	Endovascular Versus Open Surgical Repair for Ruptured Descending Aortic Pathologies: A Systematic Review and Meta-analysis of Observational Studies: A commentary. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1720-1721.	0.9	0
1946	Analysis of prognostic factors for postoperative complications and reinterventions after open surgical repair and endovascular aneurysm repair in patients with abdominal aortic aneurysm. <i>Annals of Vascular Surgery</i> , 2021, 77, 172-181.	0.4	5
1947	Endothelial nitric oxide synthase alterations are independent of turbulence in the aorta of patients with a unicuspid aortic valve. <i>JTCVS Open</i> , 2021, 8, 157-169.	0.2	3
1949	Timing of endovascular repair impacts long-term outcomes of uncomplicated acute type B aortic dissection. <i>Journal of Vascular Surgery</i> , 2022, 75, 851-860.e3.	0.6	13
1950	Commentary: Cell therapy for spinal regenerationâ€™ implications for recovery after complex aortic surgery. <i>JTCVS Open</i> , 2021, 7, 45-46.	0.2	0
1951	Outcomes of acute type A aortic dissection repair: Daytime versus nighttime. <i>JTCVS Open</i> , 2021, 7, 12-20.	0.2	3
1952	Family screening in patients with isolated bicuspid aortic valve. <i>Netherlands Heart Journal</i> , 2022, 30, 207-211.	0.3	0
1953	Iatrogenic coarctation caused by branched thoracic endovascular aortic repair treated with Palmaz XL stent and triple kissing balloon technique. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2021, 7, 433-437.	0.3	1
1954	Determinants of outcomes following surgery for type A acute aortic dissection: the UK National Adult Cardiac Surgical Audit. <i>European Heart Journal</i> , 2021, 43, 44-52.	1.0	45
1956	Spinal Cord Ischemia Secondary to Aortic Dissection: Case Report with Literature Review for Different Clinical Presentations, Risk Factors, Radiological Findings, Therapeutic Modalities, and Outcome. <i>Case Reports in Neurology</i> , 2021, 13, 634-655.	0.3	4
1957	2021 The American Association for Thoracic Surgery expert consensus document: Surgical treatment of acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 735-758.e2.	0.4	145

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1958	Protocolo de Atuação Rãpida da Dor Torãcica Aguda: Experiãncia Obtida num Hospital do Alentejo. Revista De Medicinã Internãf, Neurologie, Psiquiatrie, Neurochirurgie, Dermato-venerologie Medicinãf Internãf, 2021, 28, 224-229.	0.0	0
1959	A Pulsatile Chest Mass After Bentall Procedure: A Case Report. Heart Surgery Forum, 2021, 24, E794-E796.	0.2	0
1960	Spinal Cord Ischemia in the Setting of Acute Type B Aortic Dissection: Successful Rescue with Thoracic Endovascular Aortic Repair. Vascular and Endovascular Surgery, 2022, 56, 102-106.	0.3	0
1961	Clinical implication of multimodality imaging of aortic root intramural hematoma. International Journal of Cardiovascular Imaging, 2022, 38, 489-490.	0.7	1
1962	Impact of thoracic endovascular aortic repair timing on aortic remodeling in acute type B aortic intramural hematoma. Journal of Vascular Surgery, 2022, 75, 464-472.e2.	0.6	8
1963	Current Concepts in Acute Aortic Syndrome. Advances in Clinical Radiology, 2021, 3, 139-151.	0.1	1
1964	Surgical treatment for rupture of the aortic isthmus in a pediatric patient with multiple blunt injuries. Journal of Pediatric Surgery Case Reports, 2021, 72, 101976.	0.1	0
1965	Successful repair of an arch aneurysm with acute aortic dissection in a patient with Marfan syndrome using a hybrid surgical approach and the stent-assisted balloon-induced intimal disruption and relamination in aortic dissection repair technique. Journal of Vascular Surgery Cases and Innovative Techniques, 2021, 7, 392-395.	0.3	0
1966	Early and Long-Term Follow-Up for Chronic Type B and Type Non-A Non-B Aortic Dissection Using the Frozen Elephant Trunk Technique. Frontiers in Cardiovascular Medicine, 2021, 8, 714638.	1.1	6
1967	Proximal aortic repair in asymptomatic patients. JTCVS Open, 2021, 7, 1-9.	0.2	2
1968	Untargeted metabolomics identifies succinate as a biomarker and therapeutic target in aortic aneurysm and dissection. European Heart Journal, 2021, 42, 4373-4385.	1.0	65
1969	One-Year Change in Diastolic Blood Pressure and Aortic Disease-Related Mortality in a Japanese General Population Aged 50â75 Years. Circulation Journal, 2021, 85, 2222-2231.	0.7	2
1970	Can D-Dimer in Low-Risk Patients Exclude Aortic Dissection in the Emergency Department?. Journal of Emergency Medicine, 2021, 61, 627-634.	0.3	3
1971	Histological regional analysis of the aortic root and thoracic ascending aorta: a complete analysis of aneurysms from root to arch. Journal of Cardiothoracic Surgery, 2021, 16, 255.	0.4	7
1972	Outcomes of intramural hematoma involving the ascending aorta and extending into the descending thoracic aorta. Journal of Vascular Surgery, 2022, 75, 56-64.e2.	0.6	5
1973	Endovascular therapies for Type B Aortic Dissection. Cardiovascular & Hematological Disorders Drug Targets, 2021, 21, .	0.2	0
1974	Do oral anticoagulants impact outcomes and false lumen patency after repair of acute type A aortic dissection?. Journal of Thoracic and Cardiovascular Surgery, 2023, 166, 38-48.e4.	0.4	8
1975	Ruptured sinus of valsalva aneurysm presenting as syncope and hypotension: a case report. BMC Cardiovascular Disorders, 2021, 21, 449.	0.7	2

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1976	Marfan syndrome. <i>Nature Reviews Disease Primers</i> , 2021, 7, 64.	18.1	99
1977	Von Willebrand factor and acute type a aortic dissectionâ€™â€™VAD study. <i>International Journal of Surgery Open</i> , 2021, 35, 100379.	0.2	0
1978	Myocardial dissection complicating left sinus of Valsalva aneurysm in silent takayasu arteritis. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 464.	0.7	0
1979	Sex-specific normal values and determinants of infrarenal abdominal aortic diameter among non-aneurysmal elderly population. <i>Scientific Reports</i> , 2021, 11, 17762.	1.6	6
1980	A successful case of aortic intramural hematoma with type-A aortic dissection: symptoms first. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2021, 180, .	0.0	0
1981	Machine Learning Models for Predicting In-Hospital Mortality in Acute Aortic Dissection Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 727773.	1.1	13
1982	A systematic review and meta-analysis of the incidence of acute aortic dissections in population-based studies. <i>Journal of Vascular Surgery</i> , 2022, 75, 709-720.	0.6	22
1983	Association between anion gap and mortality of aortic aneurysm in intensive care unit after open surgery. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 458.	0.7	9
1984	Age-related differences in acute aortic dissection. <i>Journal of Vascular Surgery</i> , 2022, 75, 473-483.e4.	0.6	8
1985	Low postoperative blood platelet count may be a risk factor for 3-year mortality in patients with acute type A aortic dissection. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 274.	0.4	4
1986	Genetic testing and clinical relevance of patients with thoracic aortic aneurysm and dissection in northwestern China. <i>Molecular Genetics & Genomic Medicine</i> , 2021, 9, e1800.	0.6	6
1987	Anesthetic Considerations in Endovascular Repair of the Ascending Aorta. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 3085-3097.	0.6	1
1988	Concomitant pulmonary embolism and upper limb ischaemia as a first presentation of a patent foramen ovale. <i>BMJ Case Reports</i> , 2021, 14, e242351.	0.2	0
1989	A preliminary analysis of late structural failures of the Navion stent graft in the treatment of descending thoracic aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2021, 74, 1125-1134.e2.	0.6	10
1990	Emergency CT misdiagnosis in acute aortic syndrome. <i>British Journal of Radiology</i> , 2021, 94, 20201294.	1.0	2
1991	All type B aortic dissections should undergo thoracic endovascular aneurysm repair. <i>JTCVS Techniques</i> , 2021, 9, 17-24.	0.2	2
1992	Comparable surgical outcomes of abdominal aortic aneurysm repair in patients with and without Marfan syndrome. <i>Journal of Vascular Surgery</i> , 2021, 74, 1163-1171.	0.6	1
1993	Diagnostic accuracy of D-dimer in patients at high-risk for splanchnic vein thrombosis: A systematic review and meta-analysis. <i>Thrombosis Research</i> , 2021, 207, 102-112.	0.8	5

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1994	Protecting the Central Nervous System During Cardiac Surgery. , 2022, , 311-334.		0
1996	Regulatory Master Genes Identification and Drug Repositioning by Integrative mRNA-miRNA Network Analysis for Acute Type A Aortic Dissection. <i>Frontiers in Pharmacology</i> , 2020, 11, 575765.	1.6	7
1997	Elevated levels of short-term blood pressure variability: A marker for ascending aortic dilatation in hypertensive patients. <i>Clinical and Experimental Hypertension</i> , 2021, 43, 311-319.	0.5	1
1998	Operative management of ascending aorta thrombus and bilateral pulmonary embolism in the setting of breast cancer. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1550-1553.	0.3	1
1999	Outcomes and risk management in type B aortic dissection patients with acute kidney injury: a concise review. <i>Renal Failure</i> , 2021, 43, 585-596.	0.8	6
2000	Personalized External Aortic Root Support (PEARS) for Aortic Root Aneurysm. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2021, 26, 290-305.	0.2	4
2001	Aortaerkrankungen. , 2021, , 246-257.		0
2002	Taking the frozen elephant trunk technique to the next level by a stented side branch for a left subclavian artery connection: a feasibility study. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 1247-1254.	0.6	11
2003	Transthoracic echocardiographic diagnostic accuracy in detecting "Type-B" aortic dissection. <i>Journal of Cardiovascular Echography</i> , 2021, 31, 45.	0.1	1
2006	Comment explorer une dissection et un hÃ©matome aortiques. , 2021, , 243-260.		0
2007	Retrograde Type A Aortic Dissection after Thoracic Endovascular Aortic Repair: Incidence, Time Trends and Risk Factors. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 639-653.	0.4	18
2008	The long-term fate of ascending aorta aneurysm after wrapping versus replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 463-474.e4.	0.4	13
2009	Acute type A aortic dissection reconsidered: it's all about the location of the primary entry tear and the presence or absence of malperfusion. <i>European Heart Journal</i> , 2021, 43, 53-55.	1.0	6
2012	Successfully superior mesenteric artery stenting in operated type A aortic dissection complicated with delayed mesenteric malperfusion. <i>SAGE Open Medical Case Reports</i> , 2021, 9, 2050313X2110211.	0.2	1
2013	Endovascular Treatment of Coarctation of the Aorta with a Self-Expanding Endoprosthesis: How I Do It Using the Braille Dominus® Coarctation Aorta Device. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2021, 36, 817-821.	0.2	0
2014	Influence of Sex on Outcomes After Thoracic Endovascular Repair for Type B Aortic Dissection. <i>Angiology</i> , 2021, 72, 556-564.	0.8	8
2015	Endovascular treatment of complicated versus uncomplicated acute type B aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 4-13.e1.	0.4	12
2016	Validation of a novel risk score to predict mortality after surgery for acute type A dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 378-385.	0.6	8

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2017	Rationale behind symmetrical BAV repair: time to generalize a standardized approach of bicuspid valve repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 865-866.	0.6	0
2018	Thoracic aortic aneurysm repair in women. , 2021, , 13-20.		0
2019	Failure properties of ascending thoracic aortic aneurysms with dysfunctional tricuspid aortic valves. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 949-958.	0.5	0
2020	Tipping the balance towards elective ascending aortic replacement at diameters smaller than 5.5 cm. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 204-204.	0.6	1
2021	Utility of 4D Flow MRI in Thoracic Aortic Diseases: A Literature Review of Clinical Applications and Current Evidence. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 327-339.	1.1	17
2022	Management of Descending Thoracic Aortic Diseases: Similarities and Differences Among Cardiovascular Guidelines. <i>Journal of Endovascular Therapy</i> , 2021, 28, 323-331.	0.8	18
2023	Can preoperative neutrophil-to-lymphocyte ratio predict in-hospital mortality in postoperative patients with Stanford type A aortic dissection? Evidence-based appraisal by meta-analysis and GRADE. <i>Tzu Chi Medical Journal</i> , 2021, 33, 388.	0.4	0
2024	Combined proximal descending aortic endografting plus distal bare metal stenting (PETTICOAT) Tj ETQq1 1 0.784314 rgBT /Overlock aortic dissections. <i>The Cochrane Library</i> , 2019, 2019, .	1.5	14
2025	Prehospital triage of acute aortic syndrome using a machine learning algorithm. <i>British Journal of Surgery</i> , 2020, 107, 995-1003.	0.1	11
2026	Prognostic value of aerobic capacity and exercise oxygen pulse in post-aortic dissection patients. <i>Clinical Cardiology</i> , 2021, 44, 252-260.	0.7	10
2027	Aortic Arch Aneurysms. , 2020, , 529-544.		1
2028	Hybrid Aortic Arch Repair. , 2020, , 545-551.		1
2029	Cardiovascular Manifestations of Marfan and Loeys-Dietz Syndrome. , 2020, , 587-594.		1
2031	Heritable Thoracic Aortic Disorders. , 2016, , 263-294.		3
2032	Abdominal Aortic Aneurysm (AAA). , 2017, , 69-95.		2
2033	Elephant Trunk Technique(s). , 2019, , 965-985.		3
2034	Thoracic aortic aneurysm: unlocking the "silent killer" secrets. <i>General Thoracic and Cardiovascular Surgery</i> , 2019, 67, 1-11.	0.4	67
2035	Cardiovascular Imaging in Aneurysm-Osteoarthritis Syndrome. , 2017, , 103-114.		1

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2036	AnÃ©vrismes de l'aorte thoracique. , 2016, , 313-317.		1
2037	Meta-analysis Examining the Usefulness of Angiotensin Receptor blockers for the Prevention of Aortic Root Dilatation in Patients With the Marfan Syndrome. American Journal of Cardiology, 2020, 128, 101-106.	0.7	33
2038	Elective David I Procedure Has Excellent Long-Term Results: 20-Year Single-Center Experience. Annals of Thoracic Surgery, 2018, 105, 731-738.	0.7	32
2039	Management of Descending Thoracic Aorta Disease: Evolving Treatment Paradigms in the TEVAR Era. European Journal of Vascular and Endovascular Surgery, 2017, 53, 1-3.	0.8	14
2040	Infectious aortitis mimicking Takayasu disease. JMV-Journal De Medecine Vasculaire, 2020, 45, 93-95.	0.1	1
2041	Outcomes of urgent aortic wrapping for acute type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2020, , .	0.4	9
2042	A scoping review to identify competencies for transcatheter cardiovascular procedures. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, e457-e469.	0.4	4
2043	Reduced shear stress and associated aortic deformation in the thoracic aorta of patients with chronic obstructive pulmonary disease. Journal of Vascular Surgery, 2018, 68, 246-253.	0.6	5
2044	Highly integrated workflows for exploring cardiovascular conditions: Exemplars of precision medicine in Alzheimer's disease and aortic dissection. Morphologie, 2019, 103, 148-160.	0.5	3
2046	SÃ©ndrome de Marfan revisitada â€” da genÃ©tica Ã© clÃ©nica. Revista Portuguesa De Cardiologia, 2020, 39, 215-226.	0.2	28
2047	Gender differences in abdominal aortic aneurysms in Germany using health insurance claims data. Vasa - European Journal of Vascular Medicine, 2018, 47, 36-42.	0.6	13
2048	Mortality after endovascular treatment of infrarenal abdominal aortic aneurysms â€” the newer the better?. Vasa - European Journal of Vascular Medicine, 2018, 47, 187-196.	0.6	5
2049	Gender differences in abdominal aortic aneurysm therapy â€” a systematic review. Vasa - European Journal of Vascular Medicine, 2018, 47, 267-272.	0.6	35
2050	Incidence and risk factors of recurrent pain in acute aortic dissection and in-hospital mortality. Vasa - European Journal of Vascular Medicine, 2018, 47, 301-310.	0.6	1
2051	Higher preprocedural fibrinogen levels are associated with aneurysm sac regression after EVAR. Vasa - European Journal of Vascular Medicine, 2019, 48, 347-354.	0.6	7
2052	Deficiency of CD44 prevents thoracic aortic dissection in a murine model. Scientific Reports, 2020, 10, 6869.	1.6	10
2053	<i>APLP2</i> gene polymorphisms are associated with high TC and LDL-C levels in Chinese population in Xinjiang, China. Bioscience Reports, 2020, 40, .	1.1	1
2055	Aortic intervention guided by contrast-enhanced transoesophageal ultrasound whilst waiting for cardiac transplantation: a case report. European Heart Journal - Case Reports, 2021, 5, ytaa485.	0.3	3

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2056	Type A acute aortic dissection with ≈ 40 -mm aortic root: results of conservative and replacement strategies at long-term follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 1115-1122.	0.6	11
2057	Blood flow analysis of the aortic arch using computational fluid dynamics. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 1578-1585.	0.6	104
2058	Patient management in aortic arch surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, i4-i14.	0.6	23
2059	Providing Culturally Competent Acute Care Physical Therapy for a Complex Medical Patient of Amish Heritage. <i>Journal of Acute Care Physical Therapy</i> , 2018, 9, 121-135.	0.0	2
2060	Fully Automated Segmentation and Shape Analysis of the Thoracic Aorta in Non-contrast-enhanced Magnetic Resonance Images of the German National Cohort Study. <i>Journal of Thoracic Imaging</i> , 2020, 35, 389-398.	0.8	12
2061	Thoracic endovascular aortic repair practice in 13 countries. <i>Annals of Surgery</i> , 2020, Publish Ahead of Print, .	2.1	12
2062	Minimally invasive aortic root surgery: Midterm results in a 2-year follow-up. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1484-1491.	0.3	6
2063	Acute type A aortic dissection in-hours versus out-of-hours: A systematic review and meta-analysis. <i>Journal of Cardiac Surgery</i> , 2020, 35, 3432-3439.	0.3	2
2064	Cardiogenetics: genetic testing in the diagnosis and management of patients with aortic disease. <i>Heart</i> , 2021, 107, 619-626.	1.2	18
2065	Differential expression of microRNAs in aortic tissue and plasma in patients with acute aortic dissection. <i>Journal of Geriatric Cardiology</i> , 2015, 12, 655-61.	0.2	16
2066	Admission white blood cell count predicts short-term clinical outcomes in patients with uncomplicated Stanford type B acute aortic dissection. <i>Journal of Geriatric Cardiology</i> , 2017, 14, 49-56.	0.2	11
2067	2019 Chinese guideline for the management of hypertension in the elderly. <i>Journal of Geriatric Cardiology</i> , 2019, 16, 67-99.	0.2	55
2068	Large Aneurysmal Rupture of Coronary-Pulmonary Artery Fistula After Buffalo Goring. <i>American Journal of Case Reports</i> , 2019, 20, 1892-1895.	0.3	1
2069	Plasma Resistin Levels in Patients with Acute Aortic Dissection: A Propensity Score-Matched Observational Case-Control Study. <i>Medical Science Monitor</i> , 2018, 24, 6431-6437.	0.5	5
2070	Successful repair of acute type A aortic dissection during pregnancy at 16th gestational week with maternal and fetal survival: A case report and review of the literature. <i>World Journal of Clinical Cases</i> , 2019, 7, 2843-2850.	0.3	5
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2462	Acute Aortic Syndrome Revisited. <i>Journal of the American College of Cardiology</i> , 2021, 78, 2106-2125.	1.2	56
2463	Acute aortic syndromes in India: the need for a nationwide program to increase awareness. <i>Indian Heart Journal</i> , 2021, , .	0.2	1
2464	Misdiagnosis of aortic dissection: A systematic review of the literature. <i>American Journal of Emergency Medicine</i> , 2022, 53, 16-22.	0.7	29
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2466	Differences in the Area of Proximal and Distal Entry Tears at CT Angiography Predict Long-term Clinical Outcomes in Aortic Dissection. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e210029.	0.9	9
2467	Aortic thrombosis: the forgotten source of ischemic stroke. A case report and systematic review of the literature. <i>Monaldi Archives for Chest Disease</i> , 2021, , .	0.3	0
2468	Predictors of hypoxemia in type-B acute aortic syndrome: a retrospective study. <i>Scientific Reports</i> , 2021, 11, 23413.	1.6	2
2469	Effect of left ventricular ejection fraction (LVEF) on mortality of total arch replacement in subacute/chronic type A aortic dissection. <i>Journal of Thoracic Disease</i> , 2022, 14, 405-413.	0.6	1

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2471	Aortic root dilation after bicuspid aortic valve replacement and correction of ascending aortic aneurysm. <i>Kardiologiya I Serdechno-Sosudistaya Khirurgiya</i> , 2021, 14, 464.	0.1	1
2472	How to Distinguish Marfan Syndrome from Marfanoid Habitus in a Physical Examination—Comparison of External Features in Patients with Marfan Syndrome and Marfanoid Habitus. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 772.	1.2	9
2473	False lumen being larger than true lumen is associated with late aortic events in uncomplicated type B aortic dissection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 1132-1140.	0.5	2
2474	Outcomes of surgical treatment of Stanford type of aortic dissection at Hanoi Heart Hospital in the period 2015-2020. <i>Tim Máıch VÁ Lá»ng Ngá»c</i> , 0, 35, 138-149.	0.0	0
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2477	Targeting regulated cell death in aortic aneurysm and dissection therapy. <i>Pharmacological Research</i> , 2022, 176, 106048.	3.1	20
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2480	(PEARS implantation in a patient with ascending aortic dilation after bicuspidalization of aortic) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34</i>	0.1	0
2481	Sá»± thay Ä'á»i kÄch thÆ°á»c khá»i phÄnh Ä'á»™ng máıch chá»§ bá»ng vÄ má»™t sá»' yá»ı tá»' liÄn quan say can thiá»p Ä'á»t Nghien Cuu Y Hoc, 2021, 145, 21-35.	0.0	0
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2484	STABILISE; treatment of aortic dissection, a single Centre experience. <i>CVIR Endovascular</i> , 2022, 5, 7.	0.4	5
2485	Endovascular stent grafting and open surgical replacement for chronic thoracic aortic aneurysms: a systematic review and prospective cohort study. <i>Health Technology Assessment</i> , 2022, 26, 1-166.	1.3	6
2486	Heart Disease and Stroke Statistics—2022 Update: A Report From the American Heart Association. <i>Circulation</i> , 2022, 145, CIR0000000000001052.	1.6	2,561
2487	Concomitant Radical Cystectomy and Infra renal Aortic Aneurysm Repair with Cryopreserved Aortic Allograft: A Case Report. <i>Uro</i> , 2022, 2, 6-12.	0.3	0
2488	Risk Factors for High Blood Product Use in Patients with Stanford Type A Dissection. <i>Thoracic and Cardiovascular Surgeon</i> , 2022, , .	0.4	3

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2490	Lysophosphatidic Acid May Be a Novel Biomarker for Early Acute Aortic Dissection. <i>Frontiers in Surgery</i> , 2021, 8, 789992.	0.6	4
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2492	Safety and Efficacy of Myval Implantation in Patients with Severe Bicuspid Aortic Valve Stenosis—A Multicenter Real-World Experience. <i>Journal of Clinical Medicine</i> , 2022, 11, 443.	1.0	14
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2494	Cerebrospinal Fluid Drains: Risks in Contemporary Practice. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, , .	0.6	2
2496	Is Partially Thrombosed False Lumen Really a Predictor for Adverse Events in Uncomplicated Type B Aortic Dissection: A Systematic Review and Meta-Analysis?. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 788541.	1.1	7
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2498	Early and mid-term outcomes of thoracic endovascular aortic repair to treat aortic rupture in patients with aneurysms, dissections and trauma. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 35, .	0.5	3
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2502	Determine Cumulative Radiation Dose and Lifetime Cancer Risk in Marfan Syndrome Patients Who Underwent Computed Tomography Angiography of the Aorta in Northeast Thailand: A 5-Year Retrospective Cohort Study. <i>Tomography</i> , 2022, 8, 120-130.	0.8	0
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2506	Long-term patency of surgical left subclavian artery revascularization. <i>Journal of Vascular Surgery</i> , 2022, 75, 1977-1984.e1.	0.6	4
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2509	Good performance of the criteria of American College of Medical Genetics and Genomics/Association for Molecular Pathology in prediction of pathogenicity of genetic variants causing thoracic aortic aneurysms and dissections. <i>Journal of Translational Medicine</i> , 2022, 20, 42.	1.8	4
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2511	Association Between Preoperative Monocyte to High-Density Lipoprotein Ratio on In-hospital and Long-Term Mortality in Patients Undergoing Endovascular Repair for Acute Type B Aortic Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 775471.	1.1	4
2512	One-year results of the INSIGHT study on endovascular treatment of abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2022, 75, 1904-1911.e3.	0.6	1
2513	Point of care ultrasound and acute aortic dissection. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2022, , .	0.2	0
2514	Frozen elephant trunk in acute aortic type a dissection: risk analysis of concomitant root replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	10
2515	Recannulation of the right axillary artery in reoperative proximal thoracic aortic surgery is safe. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, , .	0.5	0
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2518	A Morphological Indicator for Aortic Dissection: Fitting Circle of the Thoracic Aorta. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2519	Blunt Thoracic Aortic Injury and Contemporary Management Strategy. <i>Angiology</i> , 2022, 73, 497-507.	0.8	3
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2521	Comparison of Outcomes and Complications Among Patients with Different Indications of Acute/Subacute Complicated Stanford Type B Aortic Dissection Treated by TEVAR: Data from the JaPanese REtrospective multicenter stuDY of Thoracic Endovascular Aortic Repair for Complicated Type B Aortic Dissection (J-Predictive Study). <i>CardioVascular and Interventional Radiology</i> , 2022, 45, 290-297.	0.9	3
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2523	Machine Learning Prediction Model for Acute Renal Failure After Acute Aortic Syndrome Surgery. <i>Frontiers in Medicine</i> , 2021, 8, 728521.	1.2	4
2524	Left Subclavian Artery Sacrifice in Acute Aortic Dissection Repair using the Frozen Elephant Trunk. <i>Thoracic and Cardiovascular Surgeon</i> , 2022, 70, 623-629.	0.4	1
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2550	The mental health impact of aortic dissection. <i>Seminars in Vascular Surgery</i> , 2022, 35, 88-99.	1.1	7
2551	Imaging Techniques for Aortic Aneurysms and Dissections in Mice: Comparisons of Ex Vivo, In Situ, and Ultrasound Approaches. <i>Biomolecules</i> , 2022, 12, 339.	1.8	6
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2553	Effectiveness of early rehabilitation following aortic surgery: a nationwide inpatient database study. <i>General Thoracic and Cardiovascular Surgery</i> , 2022, , 1.	0.4	3
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2560	Ventricular tachycardia ablation in a patient with Ehlers-Danlos syndrome. <i>HeartRhythm Case Reports</i> , 2022, 8, 84-88.	0.2	2
2561	Knowledge gaps in surgical management for aortic dissection. <i>Seminars in Vascular Surgery</i> , 2022, 35, 35-42.	1.1	2
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2564	Precision MRI phenotyping enables detection of small changes in body composition for longitudinal cohorts. <i>Scientific Reports</i> , 2022, 12, 3748.	1.6	6
2565	Genetic and clinical determinants of abdominal aortic diameter: genome-wide association studies, exome array data and Mendelian randomization study. <i>Human Molecular Genetics</i> , 2022, 31, 3566-3579.	1.4	5
2566	Surgical Repair of Two Kinds of Type A Aortic Dissection After Thoracic Endovascular Aortic Repair. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 849307.	1.1	0

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2570	Composition of the surgical team in aortic arch surgery—a risk factor analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	10
2571	The prevalence of thoracic aorta aneurysm as an important cardiovascular disease in the general population. <i>Journal of Cardiothoracic Surgery</i> , 2022, 17, 51.	0.4	7
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2574	Surgical dilemma “ spare or replace regurgitant aortic valve: Late comparative outcomes of two strategies. <i>Perfusion (United Kingdom)</i> , 2023, 38, 755-762.	0.5	1
2575	Anaesthetic-surgical guide in the treatment of ascending aorta and surgery of the ascending aorta and aortic arch. Consensus document of the Spanish Society of Cardiovascular and Endovascular Surgery and the Sociedad de Anaesthesiology, Resuscitation and Pain Therapy. <i>Revista Española De Anestesiología Y Reanimación (English Edition)</i> , 2022, . .	0.1	0
2576	Sex Differences in Aortopathy and Valve Diseases Among Patients Undergoing Cardiac Surgical Procedure. <i>Annals of Thoracic Surgery</i> , 2022, , .	0.7	3
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2578	Impact of high-risk features and timing of repair for acute type B aortic dissections. <i>Journal of Vascular Surgery</i> , 2022, 76, 364-371.e3.	0.6	8
2579	Progression of type B intramural hematoma in patients with obstructive sleep apnea. <i>Journal of Vascular Surgery</i> , 2022, 76, 378-388.e3.	0.6	1
2580	Taming Hypertension to Prevent Aortic Dissection: Universal Recognition of a “New Normal” Blood Pressure?. <i>Circulation</i> , 2022, 145, 645-647.	1.6	5
2581	Hemothorax and bloody ascites caused by vascular Ehlers-Danlos syndrome. <i>American Journal of Medicine</i> , 2022, , .	0.6	0
2582	18F-Sodium Fluoride Positron Emission Tomography and Computed Tomography in Acute Aortic Syndrome. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1291-1304.	2.3	7
2583	Surgical management and outcomes in patients with acute type A aortic dissection and cerebral malperfusion. <i>JTCVS Open</i> , 2022, 10, 22-33.	0.2	6
2584	Double arterial cannulation: a classical yet useful cannulation strategy—comment on cannulation strategy in frozen elephant trunk for type A aortic dissection: double arterial cannulation approach. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	2
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2588	Mid-Term Outcomes of a Hybrid Approach Involving Open Surgery Plus TEVAR of the Descending Aorta in the Treatment of Complex Type A Dissection. <i>Thoracic and Cardiovascular Surgeon</i> , 2022, , .	0.4	0
2589	Association of HIV Serostatus and Inflammation With Ascending Aortic Size. <i>Journal of the American Heart Association</i> , 2022, 11, e023997.	1.6	2
2590	Long-Term Aortic Remodeling After Thoracic Endovascular Aortic Repair of Acute, Subacute, and Chronic Type B Dissections. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 819501.	1.1	5
2591	Cannulation strategy in frozen elephant trunk for type A aortic dissection: double arterial cannulation approach. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	3
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2594	A Novel Solution for Distal Dilation of Chronic Dissection After Repair Involving Visceral Branches: The Road Block Strategy. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 821260.	1.1	1
2595	1-Year Outcomes of a Multicenter Randomized Controlled Trial of the Ankura II Thoracic Endoprosthesis for the Endovascular Treatment of Stanford Type B Aortic Dissections. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 805585.	1.1	0
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2597	Imaging and Surveillance of Chronic Aortic Dissection: A Scientific Statement From the American Heart Association. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, HCl0000000000000075.	1.3	33
2598	Is open thoracoabdominal aortic aneurysm repair following frozen elephant trunk justifiable?. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.3	0
2599	Effect of Hyperlipidemia on Aneurysm: Fuzzy Inference Analysis. <i>WSEAS Transactions on Biology and Biomedicine</i> , 2022, 19, 63-66.	0.3	0
2600	Preventing Acute Aortic Dissections: The Power of Familial Screening and Risk Assessment. <i>Journal of the American Heart Association</i> , 2022, 11, e025441.	1.6	1
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2602	Artificial Intelligence Uncovers Natural MMP Inhibitor Crocin as a Potential Treatment of Thoracic Aortic Aneurysm and Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 871486.	1.1	3
2603	Comparison Between Bicuspid and Tricuspid Aortic Regurgitation. <i>JACC Asia</i> , 2022, 2, 476-486.	0.5	4

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2605	Clinical features and prognosis of patients with and without diabetes mellitus undergoing endovascular aortic aneurysm repair. BMC Endocrine Disorders, 2022, 22, 92.	0.9	0
2606	A Case of Chronic Aortic Dissection With Hemopericardium and Tamponade. Cureus, 2022, 14, e23924.	0.2	1
2607	Evaluating the Feasibility of Screening Relatives of Patients Affected by Nonsyndromic Thoracic Aortic Diseases: The REST Study. Journal of the American Heart Association, 2022, 11, e023741.	1.6	2
2608	Differential expansion and outcomes of ascending and descending degenerative thoracic aortic aneurysms. Journal of Thoracic and Cardiovascular Surgery, 2024, 167, 918-926.e3.	0.4	0
2609	Using a reduced-order model to investigate the effect of the heart rate on the aortic dissection. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3596.	1.0	5
2610	Matched comparison of 3 cerebral perfusion strategies in open zone-0 anastomosis for acute type A aortic dissection. European Journal of Cardio-thoracic Surgery, 2022, 62, .	0.6	5
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2615	Dilatation of the ascending aorta " Growth rate, risk factors and clinical outcomes in the long-term follow-up. European Journal of Radiology, 2022, 150, 110234.	1.2	3
2616	Acute aortic syndrome: a current viewpoint of diagnosis and treatment. Intervencni A Akutni Kardiologie, 2021, 20, 199-209.	0.0	0
2617	Thoracic aortic aneurysm in pregnancy: morphological analysis of 6 cases. PatologÅa, 2021, 18, 356-364.	0.1	0
2618	The David procedure after the Ross operation: case series. Russian Journal of Cardiology, 2022, 26, 4767.	0.4	2
2619	Left main bronchus compression by aneurysm and kinking of the descending aorta. Cor Et Vasa, 2021, 63, 710-713.	0.1	0
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2622	Scintigraphic Imaging of Inflammation in the Aortic Wall Using 99mTc-Pyrophosphate. <i>Sovremennyye Tehnologii V Medicine</i> , 2021, 13, 65.	0.4	1
2623	Utility of S100A12 as an Early Biomarker in Patients With ST-Segment Elevation Myocardial Infarction. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 747511.	1.1	6
2624	A New Era of Diagnosis and Therapy in Acute Aortic Syndromes: The Mainzâ€“Essen Experience (Part) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.1	0
2625	It Is Advisable to Control the Duration of Hypothermia Circulatory Arrest During Aortic Dissection Surgery: Single-Center Experience. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 773268.	1.1	0
2626	Integrated Aortic-Valve-And-Ascending-Aortic Replacement vs. Partial Replacement in Bicuspid Aortic Valve-Related Aortopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 771346.	1.1	0
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2964	Construction of a canine model with acute type B aortic dissection using a self-made pressure water flow device. <i>Experimental Animals</i> , 2022, , .	0.7	0
2965	A radiomics model based on aortic computed tomography angiography: the impact on predicting the prognosis of patients with aortic intramural hematoma (IMH). <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, .	1.1	0
2966	Recommendations for genetic testing and counselling after sudden cardiac death: practical aspects for Swiss practice. <i>Swiss Medical Weekly</i> , 2018, 148, w14638.	0.8	11
2967	Acute aortic dissection Stanford A DeBakey type III in patient with suspected Marfan Syndrome: a case report. <i>Indonesia Journal of Biomedical Science</i> , 2019, 13, .	0.1	0
2968	Aortic size predicts aortic dissection in Turner syndrome - A 25-year prospective cohort study. <i>International Journal of Cardiology</i> , 2023, 373, 47-54.	0.8	7
2969	Progress of CT aortic angiography combined with coronary artery in the evaluation of acute aortic syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	0
2970	A Comparison of the Clinical Outcomes of Thoracic Endovascular Repair for Acute Type B Aortic Dissection with Multichanneled and Double-Channeled Morphology. <i>International Heart Journal</i> , 2022, 63, 1150-1157.	0.5	0
2971	Early and Late Mortality Predictors in Patients with Acute Aortic Dissection Type B. <i>Cardiology Research and Practice</i> , 2022, 2022, 1-7.	0.5	6
2972	Towards Precritical Medical Therapy of the Abdominal Aortic Aneurysm. <i>Biomedicines</i> , 2022, 10, 3066.	1.4	1
2973	Ferumoxitol-Enhanced Cardiac Magnetic Resonance Angiography and 4D Flow: Safety and Utility in Pediatric and Adult Congenital Heart Disease. <i>Children</i> , 2022, 9, 1810.	0.6	2
2974	A retrospective study of thoracic endovascular aortic repair timing in patients with uncomplicated type B dissection who have a smoking history. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	0
2975	Management of hypertensive crisis: British and Irish Hypertension Society Position document. <i>Journal of Human Hypertension</i> , 2023, 37, 863-879.	1.0	4
2976	Recurrent spontaneous coronary artery dissection. <i>Coronary Artery Disease</i> , 2023, 34, 59-65.	0.3	2
2977	Thyroid hormone, cortisol, interleukin-2, and procalcitonin regulate postoperative delirium in acute type A aortic dissection patients. <i>BMC Cardiovascular Disorders</i> , 2022, 22, .	0.7	1
2978	Impact of atherosclerosis on the postoperative complications of colorectal surgery in older patients with colorectal cancer. <i>BMC Gastroenterology</i> , 2022, 22, .	0.8	1
2979	Contemporary Midterm Outcomes After Primary Repair of Chronic Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2022, , .	0.7	0
2980	Acute aortic dissection: evidence, uncertainties, and future therapies. <i>European Heart Journal</i> , 2023, 44, 813-821.	1.0	22

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2982	A comparison of single and double arterial cannulation for cardiopulmonary bypass for acute type A aortic surgery: A single center, retrospective observational study. <i>Perfusion (United Kingdom)</i> , 2024, 39, 362-372.	0.5	0
2983	Clinical Risk Factors for Aortic Root Dilation in Patients with 22q11.2 Deletion Syndrome: A Longitudinal Single-Center Study. <i>Genes</i> , 2022, 13, 2334.	1.0	1
2984	Non-prompt surgery for patients with acute type A aortic dissection without pre-operative shock and malperfusion. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	1
2985	Application of postmortem imaging modalities in cases of sudden death due to cardiovascular diseases—current achievements and limitations from a pathology perspective. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2023, 482, 385-406.	1.4	5
2986	A sinister needle in an enormous haystack: A clinician survey regarding Acute Aortic Syndrome diagnostic practice in United Kingdom Emergency Departments. <i>Emergency Care Journal</i> , 2022, 18, .	0.2	1
2987	Current status of adult cardiac surgery—part 2. <i>Current Problems in Surgery</i> , 2022, , 101245.	0.6	0
2988	Ascending Aorta Dissection Before 5.5 cm Diameter; “It Wasn’t Raining When Noah Built the Ark”. <i>Heart Lung and Circulation</i> , 2023, 32, 379-386.	0.2	1
2989	Protection and delay of aortic complications in the Marfan syndrome: a new indication for angiotensin receptor blockers on top of β^2 blockers. <i>European Heart Journal</i> , 0, , .	1.0	0
2990	Guideline for the Treatment of Thoracic Aortic Dissection Type A: Summary of the S2k Guideline. <i>Thoracic and Cardiovascular Surgeon</i> , 2022, 70, 603-606.	0.4	0
2991	Markers of extracellular matrix remodeling and systemic inflammation in patients with heritable thoracic aortic diseases. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	2
2992	The point-of-care D-dimer test provides a fast and accurate differential diagnosis of Stanford Type A aortic syndrome and ST-elevated myocardial infarction in emergencies. <i>BMC Cardiovascular Disorders</i> , 2022, 22, .	0.7	1
2993	Diagnostic Accuracy of AI for Opportunistic Screening of Abdominal Aortic Aneurysm in CT: A Systematic Review and Narrative Synthesis. <i>Diagnostics</i> , 2022, 12, 3197.	1.3	6
2994	Ascending Aortic Aneurysms < 4.5 cm for Non-syndromic Adults: Very Slow Growth and Low Risk. <i>Aorta</i> , 0, , .	0.1	0
2996	Ethnic & Sex Disparities in Type B Aortic Dissection Patients Undergoing Thoracic Endovascular Aortic Repair: An International Perspective. <i>Annals of Vascular Surgery</i> , 2023, 94, 68-79.	0.4	1
2997	Midterm Results of Thoracic Endovascular Aortic Repair with Reentry Closure for Chronic Type B Aortic Dissection with Aneurysmal Dilatation. <i>Annals of Vascular Diseases</i> , 2022, 15, 308-316.	0.2	1
2998	Clinical Characteristics and Risk Factors of Non-infectious Fever after Thoracic Endovascular Aortic Repair of Acute Type B Aortic Dissection. <i>Annals of Vascular Surgery</i> , 2022, , .	0.4	0
2999	Acute Type A Aortic Dissection and Coarctation: Single-Stage Repair Using a Clamshell Incision and a Systematic Literature Review. <i>Heart Surgery Forum</i> , 2023, 25, E822-E828.	0.2	0
3000	Coronary artery disease as an independent predictor of short-term and long-term outcomes in patients with type-B aortic dissection undergoing thoracic endovascular repair. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	0

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3002	Cardiac Magnetic Resonance Imaging in Cardiothoracic Surgery. , 2022, , 39-51.		0
3003	A systematic review and case presentation: Giant abdominal aortic aneurysm. <i>Vascular</i> , 0, , 170853812211401.	0.4	0
3004	Sex differences in type A acute aortic dissection: a systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2023, 30, 1074-1089.	0.8	8
3005	Spontaneous coronary artery dissection: A review for clinical and interventional cardiologists. <i>Revista Portuguesa De Cardiologia</i> , 2023, 42, 269-276.	0.2	3
3006	CT characteristics and clinical implications of acute type A aortic intramural hematoma. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	1
3007	Comparison of the results of preoperative assessment of cardiovascular risk and outcomes of surgical interventions for locally advanced abdominal cancer. <i>Vestnik of Russian Military Medical Academy</i> , 2023, 24, 727-736.	0.1	1
3008	A case of shock after <sc>STEMI</sc> : Think beyond the cardiogenic one. <i>Clinical Case Reports (discontinued)</i> , 2023, 11, .	0.2	1
3009	Aortic arch surgery for type B aortic dissection: How far should we go? The value of a hybrid approach. <i>Clinical Case Reports (discontinued)</i> , 2023, 11, .	0.2	0
3010	Comparison of In-Vivo and Ex-Vivo Ascending Aorta Elastic Properties through Automatic Deep Learning Segmentation of Cine-MRI and Biomechanical Testing. <i>Journal of Clinical Medicine</i> , 2023, 12, 402.	1.0	3
3011	Aortic aneurysm and cancer: What should be treated first?. <i>Vasa - European Journal of Vascular Medicine</i> , 2023, 52, 1-2.	0.6	1
3012	Acute aortic dissection. <i>Lancet, The</i> , 2023, 401, 773-788.	6.3	27
3014	The scale of scientific evidence behind the current ESC clinical guidelines. <i>IJC Heart and Vasculature</i> , 2023, 45, 101175.	0.6	1
3015	POCUS shock management: point-of-care ultrasound in the integrated management of chest pain. <i>Italian Journal of Emergency Medicine</i> , 2022, 11, .	0.0	0
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3017	4D-flow MRI derived wall shear stress for the risk stratification of bicuspid aortic valve aortopathy: A systematic review. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	4
3018	Metabolic syndrome and its components are associated with in-hospital complications after thoracic endovascular aortic repair for acute type B aortic dissection. <i>Annals of Vascular Surgery</i> , 2023, , .	0.4	0
3019	Hypertensie. , 2023, , 293-301.		0

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3021	Brachial-Ankle Pulse Wave Velocity Mediates the Association between Increased Age and Risk of Sarcopenia among Chinese Patients with Type 2 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2023, 2023, 1-9.	1.0	2
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3023	Balloon-expandable stents for native coarctation of the aorta in children and adolescents. <i>Medicine (United States)</i> , 2022, 101, e32332.	0.4	1
3024	Validity of direct bilateral axillary arterial cannulation in emergency surgery for acute type A aortic dissection. <i>Journal of Cardiac Surgery</i> , 2022, 37, 5027-5033.	0.3	1
3026	Mobile aortic thrombus as the cause of recurrent ischemic stroke: diagnosis and treatment. <i>Intervencni A Akutni Kardiologie</i> , 2022, 21, 225-228.	0.0	0
3027	Are Thoracic Aortic Aneurysm Patients at Increased Risk for Cardiovascular Diseases?. <i>Journal of Clinical Medicine</i> , 2023, 12, 272.	1.0	3
3028	Application of Logistic Regression and Artificial Intelligence in the Risk Prediction of Acute Aortic Dissection Rupture. <i>Journal of Clinical Medicine</i> , 2023, 12, 179.	1.0	1
3029	Aortic Disease: Bicuspid Aortic Valve, Aortic Coarctation, Marfan Syndrome. <i>Congenital Heart Disease in Adolescents and Adults</i> , 2021, , 243-273.	0.2	1
3030	Subject Specific Modelling of Aortic Flows. , 2023, , 69-105.		1
3031	Acute Heart Failure: Diagnosticâ€“Therapeutic Pathways and Preventive Strategiesâ€“A Real-World Clinicianâ€™s Guide. <i>Journal of Clinical Medicine</i> , 2023, 12, 846.	1.0	4
3032	Transcatheter aortic valve replacementâ€“related aortic dissection: A clinical case series. <i>Catheterization and Cardiovascular Interventions</i> , 0, , .	0.7	5
3033	Rapid Morphological Measurement Method of Aortic Dissection Stent Based on Spatial Observation Point Set. <i>Bioengineering</i> , 2023, 10, 139.	1.6	1
3034	Research Progress of Biomarkers for Acute Aortic Dissection. <i>Advances in Clinical Medicine</i> , 2023, 13, 1191-1197.	0.0	0
3035	Intermediate outcomes following arch reconstruction with frozen elephant trunk, a single centre study. <i>Journal of Cardiothoracic Surgery</i> , 2023, 18, .	0.4	1
3036	Bicuspid aortic valve durability with valve-sparing aortic root replacement: comparison to tricuspid valve. <i>European Journal of Cardio-thoracic Surgery</i> , 2023, 63, .	0.6	4
3037	Administration of anti-inflammatory M2 macrophages suppresses progression of angiotensin II-induced aortic aneurysm in mice. <i>Scientific Reports</i> , 2023, 13, .	1.6	5
3039	Aortic Dissection and COVID-19 Pneumonia in a Pregnant Woman at 34 Weeks of Gestation. <i>Texas Heart Institute Journal</i> , 2023, 50, .	0.1	1

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3041	Features and risk factors of early intraluminal thrombus formation within the frozen elephant trunk stent graft. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, , .	0.4	4
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3043	Endovascular Technique for Ascending Aorta Repair Based on TEVAR and TAVI Procedures. <i>Journal of Endovascular Therapy</i> , 0, , 152660282211483.	0.8	1
3044	Development and validation of nomogram models to discriminate between acute aortic syndromes and non-ST-elevation myocardial infarction during troponin-blind period. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	0
3045	Khả năng sống sót và các yếu tố tiên lượng liên quan đến kết quả phẫu thuật thay thế van thành tâm thất trái bằng van cơ học. <i>Tap Chi Nghien Cuu Y Hoc</i> , 2023, 160, 77-85.	0.0	0
3046	Abdominal aortic aneurysm growth rates are not correlated to body surface area in screened men. <i>International Angiology</i> , 2023, 42, .	0.4	1
3047	Outcomes after concomitant arch replacement at the time of aortic root surgery. <i>JTCVS Open</i> , 2023, 13, 1-8.	0.2	0
3048	Heart Disease and Stroke Statistics—2023 Update: A Report From the American Heart Association. <i>Circulation</i> , 2023, 147, .	1.6	2,130
3049	Aortic Dissection Detection Risk Score and D-Dimer for Acute Aortic Syndromes in the Chinese Population: Exploration of Optimal Thresholds and Integrated Diagnostic Value. <i>Journal of Cardiovascular Translational Research</i> , 0, , .	1.1	1
3050	Widened mediastinum at elderly: a challenge in the emergency room (ER). <i>Journal of Lung, Pulmonary & Respiratory Research</i> , 2022, 9, 102-105.	0.3	0
3051	Research Progress of MicroRNA in the Pathogenesis of Aortic Dissection. <i>Advances in Clinical Medicine</i> , 2023, 13, 4077-4081.	0.0	0
3052	Simultaneous Highly Efficient Contrast-Free Lumen and Vessel Wall MR Imaging for Anatomical Assessment of Aortic Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 58, 1110-1122.	1.9	0
3053	Identification and Analysis of Hub Genes and Immune Cells Associated with the Formation of Acute Aortic Dissection. <i>Computational and Mathematical Methods in Medicine</i> , 2023, 2023, 1-17.	0.7	2
3054	Integrating oculomics with genomics reveals imaging biomarkers for preventive and personalized prediction of arterial aneurysms. <i>EPMA Journal</i> , 2023, 14, 73-86.	3.3	4
3055	Outcomes after cardiac rehabilitation in patients following repair of thoracic aortic aneurysm or dissection: a protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2023, 12, .	2.5	1
3056	A machine learning approach for predicting descending thoracic aortic diameter. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	1
3057	The Role of Multimodality Imaging Approach in Acute Aortic Syndromes: Diagnosis, Complications, and Clinical Management. <i>Diagnostics</i> , 2023, 13, 650.	1.3	3

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3059	Identification of high-risk patients for development of type B aortic dissection based on novel morphological parameters. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	2
3061	Evaluating Prescription Pattern and Effectiveness of Antihypertensive Drugs in Non-Operated Aortic Dissection Patients. <i>Journal of Clinical Medicine</i> , 2023, 12, 1962.	1.0	2
3062	Elective Ascending Aortic Aneurysm Surgery in the Elderly. <i>Journal of Clinical Medicine</i> , 2023, 12, 2015.	1.0	0
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3064	Twenty-five year experience with aortic valve-sparing root replacement in a single teaching center. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	0
3065	ADSeg: A flap-attention-based deep learning approach for aortic dissection segmentation. <i>Patterns</i> , 2023, 4, 100727.	3.1	0
3066	Cocaine user with chest pain. <i>Journal of the American College of Emergency Physicians Open</i> , 2023, 4, .	0.4	1
3067	Validation of the German Registry for Acute Aortic Dissection Type A Score in predicting 30-day mortality after type A aortic dissection surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2023, 63, .	0.6	8
3068	Investigation of effective invasive blood pressure control methods to prevent acute exacerbation of acute aortic dissection. <i>Blood Pressure Monitoring</i> , 0, Publish Ahead of Print, .	0.4	0
3069	Do we need new thresholds for surgical repair in patients with ascending thoracic aortic aneurysm disease?. <i>European Heart Journal</i> , 2023, 44, 4589-4591.	1.0	1
3070	Loss of PLCÎµ activity as a culprit of ascending aortic dilation and aortic aneurysm. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2023, 324, H659-H661.	1.5	0
3071	Failure of Guidelines and Consensus Statements to Recommend Follow-up for Chronic Cardiovascular Conditions. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2023, 59, 128-138.	0.8	0
3072	Fifth decennium after the arterial switch operation for transposition of the great arteries. <i>International Journal of Cardiology Congenital Heart Disease</i> , 2023, 12, 100451.	0.2	0
3073	Nondestructive Evaluation of Mechanical and Histological Properties of the Human Aorta With Near-Infrared Spectroscopy. <i>Journal of Surgical Research</i> , 2023, 287, 82-89.	0.8	0
3074	Comparisons of potential values of D-dimer and the neutrophil- to-lymphocyte ratio in patients with suspected acute aortic syndrome. <i>American Journal of Emergency Medicine</i> , 2023, 69, 44-51.	0.7	1
3075	Transesophageal Echocardiogram: Still a Powerful Tool in the 21st Century for the Diagnosis of Aortic Dissection. <i>Cureus</i> , 2023, , .	0.2	0
3076	Mid-term outcomes of an alternative remodelling technique for aortic root replacement without coronary ostial mobilisation or reimplantation. <i>Journal of Cardiothoracic Surgery</i> , 2023, 18, .	0.4	1

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3078	Aortic aneurysms and markers of platelet activation, hemostasis, and endothelial disruption in people living with HIV. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	0
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3081	The effect of adding an open distal anastomosis to proximal aneurysm repairs in bicuspid aortopathy. <i>General Thoracic and Cardiovascular Surgery</i> , 0, , .	0.4	0
3082	Association of Ductus Diverticulum and Acute Type B Aortic Dissection. <i>Academic Radiology</i> , 2023, , .	1.3	0
3083	Long-term Follow-Up after Simultaneous Arterial Switch Operation and Aortic Arch Repair. <i>European Journal of Cardio-thoracic Surgery</i> , 0, , .	0.6	0
3085	Routine Use of a Pocket-Sized Handheld Echoscopic Device Plus a Biomarker by Emergency Medicine Residents with an Early Screening Algorithm for Suspected Type A Acute Aortic Syndrome. <i>Journal of Clinical Medicine</i> , 2023, 12, 1346.	1.0	0
3086	Thoracic aortopathy in Marfan syndrome overlaps with mechanisms seen in bicuspid aortic valve disease. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	0
3087	Endovascular aortic arch repair with chimney technique for pseudoaneurysm. <i>BMC Cardiovascular Disorders</i> , 2023, 23, .	0.7	1
3088	Trends in the incidence, surgical management and outcomes of type B aortic dissections in Australia over the last decade. <i>Vascular</i> , 0, , 170853812311568.	0.4	0
3089	Thoracic Endovascular Aortic Repair versus Optimal Medical Treatment in Patients with Type B Intramural Hematoma: A Meta-Analysis. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2023, 29, 177-184.	0.3	3
3090	2023 ACC/AHA/SCAI Advanced Training Statement on Interventional Cardiology (Coronary, Peripheral) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.4	4
3091	2023 ACC/AHA/SCAI Advanced Training Statement on Interventional Cardiology (Coronary, Peripheral) Tj ETQq0 0 0 rgBT /Overlock 10 T Committee. <i>Circulation: Cardiovascular Interventions</i> , 2023, 16, .	1.4	4
3092	2023 ACC/AHA/SCAI Advanced Training Statement on Interventional Cardiology (Coronary, Peripheral) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 81, 1386-1438.	1.2	6
3093	Prognostic Value of the Systemic Immune Inflammation Index after Thoracic Endovascular Aortic Repair in Patients with Type B Aortic Dissection. <i>Disease Markers</i> , 2023, 2023, 1-9.	0.6	1
3094	Treatment and referral experiences of patients with type A aortic dissection and their families: a qualitative study. <i>BMJ Open</i> , 2023, 13, e064247.	0.8	0
3095	Concomitant aortic root replacement during frozen elephant trunk implantation does not increase perioperative risk. <i>European Journal of Cardio-thoracic Surgery</i> , 2023, 63, .	0.6	2
3097	Natural history of isolated abdominal aortic dissection: A prospective cohort study. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	1

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3099	Sex Differences in Temporal Trends and Risk Factors of Aortic Dissection in Taiwan. <i>Journal of the American Heart Association</i> , 2023, 12, .	1.6	3
3100	Surgical outcomes of thoracic endovascular aortic repair for retrograde Stanford type A dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 0, , .	0.6	2
3101	Endovascular Intervention for Aortic Dissection Is "Ascending" <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 4094.	1.2	1
3102	Eurasian clinical guidelines for the diagnosis and treatment of secondary (symptomatic) forms of arterial hypertension (2022). <i>Eurasian Heart Journal</i> , 2023, , 6-65.	0.2	3
3103	Risk Factors Associated with Poor Prognosis in Patients with Stanford Type B Aortic Dissection after Thoracic Endovascular Aortic Repair. <i>Annals of Vascular Surgery</i> , 2023, , .	0.4	0
3104	Methods: Aortic wall deformation assessment by ultrafast ultrasound imaging: Application to bicuspid aortic valve associated aortopathy. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	0
3105	Editor's Choice "Optimal Timing of Thoracic Endovascular Aortic Repair for Uncomplicated Type B Aortic Dissection: A Systematic Review and Meta-Analysis. <i>European Journal of Vascular and Endovascular Surgery</i> , 2023, 65, 851-860.	0.8	6
3106	Assessment of shape-based features ability to predict the ascending aortic aneurysm growth. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	4
3107	Multimodality imaging in thoracic aortic diseases: a clinical consensus statement from the European Association of Cardiovascular Imaging and the European Society of Cardiology working group on aorta and peripheral vascular diseases. <i>European Heart Journal Cardiovascular Imaging</i> , 2023, 24, e65-e85.	0.5	13
3108	Medical Management of Aortic Disease: If They Don't Need Surgery, What Do They Need?. <i>Methodist DeBakey Cardiovascular Journal</i> , 2023, 19, 70-77.	0.5	0
3110	Editorial: Frozen elephant trunk surgery in aortic dissection. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	0
3112	Safety and efficacy of thoracic endovascular aortic repair for acute Stanford type B aortic dissection with retrograde type A intramural hematoma. <i>Journal of Vascular Surgery</i> , 2023, 78, 61-69.e4.	0.6	1
3113	Ex Vivo Analysis of an Association of Mechanical Strength of Dilated Ascending Aorta with Tissue Matrix Metalloproteinases and Cytokines. <i>Bulletin of Experimental Biology and Medicine</i> , 2023, 174, 497-501.	0.3	1
3114	Pre-Test Probability Assessment and d-Dimer Based Evaluation in Patients with Previous Acute Aortic Syndrome. <i>Medicina (Lithuania)</i> , 2023, 59, 548.	0.8	0
3115	Impact of turbulence modeling on the simulation of blood flow in aortic coarctation. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 0, , .	1.0	1
3116	Simplified total arch reconstruction with a stented graft for extended aortic arch dilation. <i>Journal of Thoracic Disease</i> , 2023, 15, 1572-1583.	0.6	0
3117	Development of In-Hospital Outcomes in Patients undergoing Transcatheter Aortic Valve Implantation (TAVI) at an Interdisciplinary Heart Center: A Single-Center Experience of 489 Consecutive Cases. <i>Cardiology and Cardiovascular Medicine</i> , 2023, 07, .	0.1	0

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3119	Elective ascending aortic aneurysm repair outcomes in a nationwide US cohort. Heart, 2023, 109, 1080-1087.	1.2	1
3120	Deep Learning Prediction for Distal Aortic Remodeling After Thoracic Endovascular Aortic Repair in Stanford Type B Aortic Dissection. Journal of Endovascular Therapy, 0, , 152660282311601.	0.8	1
3121	Acute Stanford Type A Aortic Dissection: A Review of Risk Factors and Outcomes. Cureus, 2023, , .	0.2	1
3122	Age, sex and angiographic type-related phenotypic differences in inpatients with Takayasu arteritis: A 13-year retrospective study at a national referral center in China. Frontiers in Cardiovascular Medicine, 0, 10, .	1.1	2
3123	Marfan syndrome in a paediatric cohort: the importance of family history. Cardiology in the Young, 0, , 1-2.	0.4	0
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