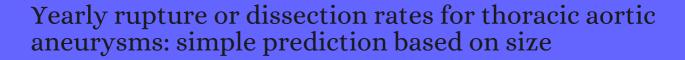
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#	Paper	IF	Citations
823	Invited commentary. Annals of Thoracic Surgery, 2002, 73, 743-744	2.7	
822	Ruptured descending and thoracoabdominal aortic aneurysms. <i>Annals of Thoracic Surgery</i> , 2002 , 74, 10	6 6.7 0	41
821	Natural history of thoracic aortic aneurysms: indications for surgery, and surgical versus nonsurgical risks. <i>Annals of Thoracic Surgery</i> , 2002 , 74, S1877-80; discussion S1892-8	2.7	526
820	Thoracic aortic aneurysm: current approach to surgical timing. 2002 , 11, 82-88		2
819	[Surgical therapy in thoracic aortic aneurysm]. 2002 , 43, 1293-7		
818	Emergent surgery for 3 aged patients who refused elective operation for thoracic aortic aneurysm. 2003 , 51, 438-41		
817	The influence of mechanical properties on wall stress and distensibility of the dilated ascending aorta. 2003 , 126, 842-50		103
816	Late aortic and graft-related events after thoracoabdominal aneurysm repair. 2003, 37, 254-61		61
815	Mortality and morbidity after total arch replacement using a branched arch graft with selective antegrade cerebral perfusion. <i>Annals of Thoracic Surgery</i> , 2003 , 76, 1951-6	2.7	28
814	Aortic valve leaflet sparing and salvage surgery: evolution of techniques for aortic root reconstruction. 2003 , 24, 886-97		54
813	Comparative study of the natural history and operative outcome in patients 75 years and older with thoracic aortic aneurysm. 2003 , 67, 592-6		11
812	Perspectives on diseases of the thoracic aorta. 2004 , 41, 75-86		3
811	Midterm results of endovascular repair of descending thoracic aortic aneurysms with first-generation stent grafts. 2004 , 127, 664-73		181
810	Stenting of the thoracic aorta [the surgeon's view. 2004 , 36, 152-156		0
809	Aneurysms, rupture and dissection of the descending thoracic aorta: surgical results and treatment strategies. 2004 , 36, 157-160		O
808	Endovascular stent-graft treatment for thoracic aortic aneurysms: short- to midterm results. 2004 , 15, 361-7		46
807	Clinical practice. Aortic regurgitation. 2004 , 351, 1539-46		107

806	[Imaging of the thoracic aorta in adults: when, how and why?]. 2004, 85, 854-69	12
805	Thoracic aortic emergencies: impact of endovascular surgery. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 591-62.7	83
804	Timing of aortic surgery in the Marfan syndrome. 2004 , 19, 549-50	8
803	Approach to the dilated aortic root. 2004 , 19, 563-9	21
802	Natural history of a dilated ascending aorta after aortic valve replacement. 2005, 69, 392-6	28
801	Management of thoracoabdominal aneurysm type IV. 2005 , 29, 116-23	8
800	Mechanical deterioration underlies malignant behavior of aneurysmal human ascending aorta. 2005 , 130, 677-83	118
799	Aortic Regurgitation. 36-48	
798	Treatment of aortic disease in patients with Marfan syndrome. 2005 , 111, e150-7	273
797	Endovascular repair for concomitant multilevel aortic disease. 2005 , 28, 478-82	18
796	Thoracic and abdominal aortic aneurysms. 2005 , 111, 816-28	593
795	Multi-institutional pivotal trial of the Zenith TX2 thoracic aortic stent-graft for treatment of descending thoracic aortic aneurysms: clinical study design. 2005 , 17, 255-64	20
794	Marfan syndrome: what internists and pediatric or adult cardiologists need to know. 2005 , 3, 891-909	10
793	Limited role of aortic size in the genesis of acute type A aortic dissection. 2005 , 28, 857-63	57
792	Marfan's syndrome. 2005 , 366, 1965-76	813
791	Indications, timing, and prognosis of operative repair of aortic dissections. 2005 , 17, 224-35	22
790	Endovascular repair of lesions involving the descending thoracic aorta. 2005 , 42, 1063-74	50
789	Robotic resection of an aortic valve papillary fibroelastoma. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 1100-2 _{2.7}	28

788	Symptoms plus family history trump size in thoracic aortic aneurysm. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 1098-100	2.7	22
787	Prise en charge des anîvrismes thoracoabdominaux de type IV. 2005 , 2, 282-291		
786	Elective surgery for thoracic aortic aneurysms: late functional status and quality of life. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 573-8	2.7	41
7 ⁸ 5	Combined surgical and endovascular treatment of aortic arch aneurysms. 2006, 44, 460-466		104
784	Tratamiento de los aneurismas toracoabdominales de tipo IV. 2006 , 6, 1-8		
783	ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (writing Committee to Revise the 1998 guidelines for the management of patients with valvular		1307
782	ACC/AHA 2006 Practice Guidelines for the Management of Patients With Valvular Heart Disease: Executive Summary. 2006 , 48, 598-675		119
781	Guidelines on the management of valvular heart disease: The Task Force on the Management of Valvular Heart Disease of the European Society of Cardiology. 2007 , 28, 230-68		1105
780	Novel measurement of relative aortic size predicts rupture of thoracic aortic aneurysms. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 169-77	2.7	396
779	Familial thoracic aortic aneurysms and dissectionsincidence, modes of inheritance, and phenotypic patterns. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 1400-5	2.7	321
778	Invited commentary. Annals of Thoracic Surgery, 2006, 82, 1405-6	2.7	
777	Endografts for thoracic aortic pathologiesuncontested benefits in patient care. 2006 , 2, 419-27		
776	Thoracic aortic aneurysms. 2006 , 106, 307-16		5
775	Thoracic aortic endografting is the treatment of choice for elderly patients with thoracic aortic disease. 2006 , 243, 815-20; discussion 820-3		20
774	Aortic dilatation in patients with bicuspid aortic valve. 2006 , 7, 11-20		54
773	Hybrid treatment for complex aortic problems combining surgery and stenting in the integrated operating theater. 2006 , 19, 539-43		24
772	Matrix metalloproteinases in thoracic aortic aneurysm disease. 2006 , 15, 1-8		3
771	Thoracoabdominal aortic aneurysm: diagnosis and management. 2006 , 8, 175-9		1

(2007-2006)

770	Cardiovascular management of marfan syndrome in the young. 2006 , 8, 396-402	7
769	Progression rate of ascending aortic dilation in patients with normally functioning bicuspid and tricuspid aortic valves. 2006 , 98, 249-53	60
768	Comparison of feasibility and accuracy of transthoracic echocardiography versus computed tomography in patients with known ascending aortic aneurysm. 2006 , 98, 966-9	52
767	Endovascular treatment of peripheral vascular disease. 2006 , 31, 711-60	11
766	The COOK TX2 thoracic stent graft: preliminary experience and trial design. 2006 , 19, 32-9	16
765	ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (writing committee to revise the 1998 Guidelines for the Management of Patients With Valvular	1634
764	Dilation of the thoracic aorta: medical and surgical management. 2006 , 92, 1345-52	34
763	ACC/AHA 2006 Guidelines for the Management of Patients With Valvular Heart Disease: Executive Summary. 2006 , 114, 450-527	157
762	Aortic regurgitation. 2006 , 92, 994-1000	58
761	The natural history of thoracic aortic aneurysms: implications for surgical intervention. 2006 , 4, 131-4	
760	Epidemiology of Thoracic Aortic Aneurysms, Aortic Dissection, Intramural Hematoma, and Penetrating Atherosclerotic Ulcers. 2007 , 3-15	13
759	Imaging of Marfan syndrome: multisystemic manifestations. 2007 , 27, 989-1004	64
758	Hybridtherapie bei Aneurysma verum des Aortenbogens. 2007 , 3, 13-16	
757	Role of interventional repair in the thoracic aorta. 2007 , 3, 399-412	
756	Aortic diameter >or = 5.5 cm is not a good predictor of type A aortic dissection: observations from the International Registry of Acute Aortic Dissection (IRAD). 2007 , 116, 1120-7	488
755	Aortic dilatation and dissection in Turner syndrome. 2007 , 116, 1663-70	264
754	Surgery insight: the dilated ascending aortaindications for surgical intervention. 2007, 4, 330-9	9
753	Etiology, pathogenesis and management of thoracic aortic aneurysm. 2007 , 4, 418-27	71

75 ²	Rationale and design of a randomized clinical trial of beta-blocker therapy (atenolol) versus angiotensin II receptor blocker therapy (losartan) in individuals with Marfan syndrome. 2007 , 154, 624	-31	190
751	Natural history of ascending aortic aneurysms in the setting of an unreplaced bicuspid aortic valve. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 1338-44	2.7	229
750	Survival benefit of endovascular descending thoracic aortic repair for the high-risk patient. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 1628-33; discussion 1633-4	2.7	38
749	Aortic enlargement and late reoperation after repair of acute type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 479-86; discussion 486-7	2.7	191
748	Safety of thoracic aortic surgery in the present era. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 1180-5; discussion 1185	2.7	97
747	Aortic growth rates in chronic aortic dissection. 2007 , 62, 866-75		17
746	Proteinase systems and thoracic aortic aneurysm progression. 2007 , 139, 292-307		90
745	Is there benefit of beta-blocking agents in the treatment of patients with the Marfan syndrome?. 2007 , 114, 300-2		30
744	Approach to the athlete with thoracic aortic disease. 2007 , 6, 101-7		3
743	Cirugã de la aorta ascendente suprasinusal. 2007 , 14, 311-319		
742	Hybrid interventions for the treatment of the complex aortic arch. 2007, 19, 174-84		20
741	Cirugã de los aneurismas del arco aftico. 2007 , 14, 321-330		1
740	Indagini radiologiche preoperatorie in chirurgia vascolare. 2007 , 12, 1-22		1
739	Guã de prâtica clâica sobre el tratamiento de las valvulopatãs. 2007 , 60, 625.e1-625.e50		10
738	Hybrid Repair of Aortic Arch Aneurysm. 2007 , 107, 173-180		10
737	Orthogonal measurement of thoracic aorta luminal diameter using ECG-gated high-resolution contrast-enhanced MR angiography. 2007 , 26, 1480-5		22
736	Associated replacement of ascending aorta, aortic valve, and noncoronary sinus of Valsalva. 2007 , 22, 336-8		
735	Endovascular stent grafting versus open surgical repair of descending thoracic aortic aneurysms in low-risk patients: a multicenter comparative trial. 2007 , 133, 369-77		476

734 Evaluation and management of aortic valve and root disease. **2007**, 9, 465-72

733	Management of pregnancy in women with palliated and unpalliated congenital heart defects. 2007 , 9, 414-27	
732	Impact of aortic dimensions and pulse pressure on late aneurysm formation in operated type A aortic dissection. A magnetic resonance imaging study. 2008 , 24, 633-40	9
731	Progress and future challenges in thoracoabdominal aortic aneurysm management. 2008 , 32, 355-60	40
730	Thoracic aortic aneurysm: reading the enemy's playbook. 2008 , 32, 366-74	19
729	Thoracic aortic aneurysm syndrome in children. 2008 , 11-21	29
728	A rapidly expanding descending thoracic aortic aneurysm: an unusual complication. 2008, 23, 260-1	3
727	A critical review of the American College of Cardiology/American Heart Association practice guidelines on bicuspid aortic valve with dilated ascending aorta. 2008 , 102, 107-10	81
726	Marfan syndrome-diagnosis and management. 2008 , 33, 7-39	127
725	Thoracic aortic aneurysm: reading the enemy's playbook. 2008 , 33, 203-77	97
724	Congenital cardiovascular disease in Turner syndrome. 2008 , 3, 2-15	79
723	Open thoracic or thoracoabdominal aortic aneurysm repair after previous abdominal aortic aneurysm surgery. 2008 , 48, 761-8	33
722	Endovascular treatment of arch and proximal thoracic aortic lesions. 2008, 48, 64-8	25
721	Tratamiento quirfgico de las complicaciones de la aorta ascendente en el sfidrome de Marfan. Resultados inmediatos y a largo plazo. 2008 , 61, 884-887	4
720	Reparacili mediante implantacili de stents en enfermedades agudas y criticas de la aorta torilica. 2008 , 61, 1070-1086	7
719	Surgical Treatment of Ascending Aortic Complications in Marfan Syndrome: Early and Long-Term Outcomes. 2008 , 61, 884-887	
718	Stent-Graft Repair in Acute and Chronic Diseases of the Thoracic Aorta. 2008 , 61, 1070-1086	
717	2008 focused update incorporated into the ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Writing Committee to revise the 1998	1183

Cardiovascular Anesthesiologists, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. **2008**, 52, e1-142

716	Expert consensus document on the treatment of descending thoracic aortic disease using endovascular stent-grafts. <i>Annals of Thoracic Surgery</i> , 2008 , 85, S1-41	654
715	Ascending and arch aorta: pathology, natural history, and treatment. 2008 , 118, 188-95	82
714	Contemporary management of descending thoracic and thoracoabdominal aortic aneurysms: endovascular versus open. 2008 , 117, 841-52	70
713	2008 Focused update incorporated into the ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Writing Committee to Revise the 1998	928
712	Bicuspid aortic valve: clinical approach and scientific review of a common clinical entity. 2008 , 6, 235-48	65
711	Aortic regurgitation: disease progression and management. 2008 , 5, 269-79	34
710	Medical management of Marfan syndrome. 2008 , 117, 2802-13	192
709	Turner syndrome is an independent risk factor for aortic dilation in the young. 2008 , 121, e1622-7	90
708	A rare cause of dissection of ascending aorta after aortic valve replacement. 2008, 16, e4-6	4
707	Staged and hybrid approach in the treatment of complex aortic dissection. 2008 , 121, 1492-1496	
706	Diseases of the Aorta. 2008 , 244-250	
705	Aneurisma del cayado aftico roto: Reparacifi exitosa en un solo perfido de paro circulatorio. 2009 , 137,	
704	Complex Aortic Aneurysm: Pararenal, Suprarenal, and Thoracoabdominal. 2009 , 543-578	
703	Marfan syndrome: a study of a Nigerian family and review of current cardiovascular management. 2009 , 28, 48-53	
702	Aortic size in acute type A dissection: implications for preventive ascending aortic replacement. 2009 , 35, 941-5; discussion 945-6	76
701	Transforming growth factor-beta signaling in thoracic aortic aneurysm development: a paradox in pathogenesis. 2009 , 46, 119-37	127
700	Acute aortic syndromes and thoracic aortic aneurysm. 2009 , 84, 465-81	149
699	Valve replacement options in the setting of an ascending aortic aneurysm. 2009 , 5, 375-83	1

(2009-2009)

698	aortic valve and ascending thoracic aorta aneurysm. Transoesophageal Doppler echocardiography study. 2009 , 95, 130-6	32
697	Quand et comment remplacer la crosse de l\(\text{Borte} \)? 2009, 81-100	
696	Ascending aortic dilatation associated with bicuspid aortic valve: pathophysiology, molecular biology, and clinical implications. 2009 , 119, 880-90	306
695	Ascending thoracic aortic aneurysms are associated with compositional remodeling and vessel stiffening but not weakening in age-matched subjects. 2009 , 137, 101-9	109
694	Endovascular treatment of peripheral vascular disease. 2009 , 34, 359-476	18
693	Endovascular repair for diverse pathologies of the thoracic aorta: an initial decade of experience. 2009 , 208, 802-16; discussion 816-8	46
692	An emergency visceral hybrid procedure for ruptured thoraco-abdominal aortic aneurysms. 2009 , 38, 162-8	3
691	Surgical options to contend with thoracic aortic pathology. 2009 , 44, 29-51	11
690	Long-term durability of open thoracic and thoracoabdominal aneurysm repair. 2009, 22, 74-80	14
689	Aortenbogenpathologien: Eiologie, Epidemiologie und natElicher Verlauf. 2009, 14, 169-174	
688	[Thoracic aorta aneurysms]. 2009 , 50, 964-71	O
687	Regional and directional variations in the mechanical properties of ascending thoracic aortic aneurysms. 2009 , 31, 1-9	100
686	Management of the aortic root in adult patients with conotruncal anomalies. 2009, 122-9	41
685	Ascending aortic aneurysm by cardiac CT angiography. 2009 , 32, E58-9	1
684	Resultados iniciales de un programa endovascular para el tratamiento de patolog\(\textit{a}\)s de la aorta tor\(\textit{d}\)ica en pacientes en riesgo elevado. 2009 , 23, 529-536	
683	Chronic kidney disease classification stratifies mortality risk after elective stent graft repair of the thoracic aorta. 2009 , 49, 296-301	29
682	A comparative analysis of open and endovascular repair for the ruptured descending thoracic aorta. 2009 , 50, 1265-70	58
681	The Society for Vascular Surgery Practice Guidelines: management of the left subclavian artery with thoracic endovascular aortic repair. 2009 , 50, 1155-8	290

680	Surgical treatment of patients enrolled in the national registry of genetically triggered thoracic aortic conditions. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 781-7; discussion 787-8	2.7	21
679	[Stent-graft treatment of the descending thoracic aorta in high risk patients]. 2009 , 90, 804-12		О
678	R§ultats initiaux d'un programme de chirurgie endovasculaire de l'aorte thoracique: Une technique plus sEe chez les patients ^haut risque. 2009 , 23, 516-523		
677	Acute Aortic Syndromes and Thoracic Aortic Aneurysm. 2009 , 84, 465-481		125
676	Tratamiento endovascular de los aneurismas ateroscler E icos de aorta tor E ica descendente. 2009 , 16, 329-335		
675	Gender, age, and body surface area are the major determinants of ascending aorta dimensions in subjects with apparently normal echocardiograms. 2009 , 22, 720-5		51
674	Initial results of a thoracic aortic endovascular program: safer in high-risk patients. 2009, 23, 478-84		2
673	Should we consider the ethnic difference in selecting size of intraaortic balloon by commercial guideline?. 2009 , 55, 519-22		7
672	Coexistent true aortic aneurysm as a cause of acute aortic dissection. 2009 , 73, 822-5		15
671	Late diagnosis of Marfan syndrome with fatal outcome in a young male patient: a case report. 2009 , 2, 8827		О
670	Dissections of the Thoracic Aorta and Evolving Endovascular Strategies. 2009 , 5, 130-139		
669	Endovascular treatment of chronic aortic dissection. 2009 , 109, 450-7		4
668	Indications and surgical strategy for thoracic aortic aneurysm repair. 2010, 23, 44-8		1
667	2010 ACCF/AHA/AATS/ACR/ASA/SCA/SCAI/SIR/STS/SVM Guidelines for the diagnosis and management of patients with thoracic aortic disease: Executive summary: A report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines,		89
666	Stent graft types for endovascular repair of thoracic aortic aneurysms. 2010 ,		1
665	Syndrome de Marfan. 2010 , 5, 1-10		O
664	Investigation of pulsatile flowfield in healthy thoracic aorta models. 2010 , 38, 391-402		52
663	Thorakale Aortenaneurysmen. 2010 , 15, 468-476		2

662	Thorakoabdominelle Aortenaneurysmen. 2010 , 15, 505-510	4
661	Fahreignung bei kardiovaskulten Erkrankungen. 2010 , 4, 441-473	20
660	Risk factor analysis for acute type A aortic dissection after aortic valve replacement. 2010 , 58, 601-5	17
659	Evaluation and Management of the Adult with Bicuspid Aortic Valve Disease. 2010 , 6, 349-357	
658	Replacement of the ascending aorta in bicuspid aortic valve disease: where do we draw the line?. 2010 , 140, S41-4; discussion S45-51	21
657	Natural history of thoraco-abdominal aneurysm in high-risk patients. 2010 , 39, 266-70	29
656	Evaluation of sex differences in relative dilatation of thoracic aortic aneurysms. 2010 , 39, 555-8	2
655	Long-term risk of aortic events following aortic valve replacement in patients with bicuspid aortic valves. 2010 , 106, 1626-33	92
654	When to operate on the bicuspid valve patient with a modestly dilated ascending aorta. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 1884-90; discussion 1891-2	37
653	2010 ACCF/AHA/AATS/ACR/ASA/SCA/SCAI/SIR/STS/SVM guidelines for the diagnosis and management of patients with thoracic aortic disease: executive summary. A report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines,	210
652	Aortic valve disease. 73-107 Interventional Radiolo. 2010, 76, E43-86	
651	Hybrid procedures for complex thoracic aortic diseases. 2010 , 25, 303-10	8
650	Endovascular repair of thoracic aortic aneurysm. 2010 , 6, 646-52	3
649	2010 ACCF/AHA/AATS/ACR/ASA/SCA/SCAI/SIR/STS/SVM Guidelines for the Diagnosis and Management of Patients With Thoracic Aortic Disease: Executive Summary. 2010 , 121, 1544-1579	51
648	Outcomes of endovascular repair of ruptured descending thoracic aortic aneurysms. 2010 , 121, 2718-23	45
647	Surgical management of descending thoracic aortic disease: open and endovascular approaches: a scientific statement from the American Heart Association. 2010 , 121, 2780-804	144
646	2010 ACCF/AHA/AATS/ACR/ASA/SCA/SCAI/SIR/STS/SVM guidelines for the diagnosis and management of patients with Thoracic Aortic Disease: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines, American	1569
645	Association for Thoracic Surgery, American College of Radiology, American Stroke Association, Does medical therapy for thoracic aortic aneurysms really work? Are beta-blockers truly indicated? CON. 2010, 28,5261-9, of Interventional Radiology, Society of Thor. 2010, 121, e266-369	13

644	Is losartan the true panacea for aneurysm disease? CON. 2010 , 28, 279-85	2
643	Motor evoked potentials in thoracoabdominal aortic surgery: CON. 2010 , 28, 361-8	21
642	Prise en charge thrapeutique des anvrysmes de l\(\begin{align*} \text{Borte ascendante. \begin{align*} 2010, 2010, 15-21 \end{align*}	
641	CT angiography of the thoracic aorta. 2010 , 48, 249-64, vii	14
640	Thoracic aortic aneurysm clinically pertinent controversies and uncertainties. 2010, 55, 841-57	432
639	2010 ACCF/AHA/AATS/ACR/ASA/SCA/SCAI/SIR/STS/SVM Guidelines for the Diagnosis and Management of Patients With Thoracic Aortic Disease: Executive Summary. 2010 , 55, 1509-1544	119
638	2010 ACCF/AHA/AATS/ACR/ASA/SCA/SCAI/SIR/STS/SVM Guidelines for the diagnosis and management of patients with thoracic aortic disease. A Report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines, American	980
637	Association for Thoracic Surgery, American College of Radiology, American Stroke Association, Society of Cardiovascular Anesthesiologists, Society for Cardiovascular Angiography and Hybrid thoracic endovascular aortic repair: pushing the envelope. 2010 , 51, 259-66 Interventions, Society of Interventional Radiology, Society of Thora. 2010 , 55, e27-e129	52
636	Meta-analysis of open versus endovascular repair for ruptured descending thoracic aortic aneurysm. 2010 , 51, 1026-32, 1032.e1-1032.e2	136
635	Should aortas in patients with bicuspid aortic valve really be resected at an earlier stage than tricuspid? PRO. 2010 , 28, 289-98	9
634	[Aneurysms of the ascending thoracic aorta]. 2010 , 39, 26-33	3
633	Canadian Cardiovascular Society 2009 Consensus Conference on the management of adults with congenital heart disease: outflow tract obstruction, coarctation of the aorta, tetralogy of Fallot, Ebstein anomaly and Marfan's syndrome. 2010 , 26, e80-97	156
632	The diagnosis and management of aortic dissection. 2010 , 44, 165-9	41
631	Routine screening of young athletes for aneurysm: CON. 2010 , 28, 229-36	1
630	Successful endovascular repair of two ruptured thoracic aortic aneurysms in nonagenarians. 2011 , 25, 697.e9-12	1
629	Traitement endovasculaire de deux anvrysmes thoraciques rompus chez des nonaghaires. 2011 , 25, 744.e5-744.e8	
628	Aortic emergencies. 2011 , 29, 789-800, vii	14
627	Thoracic Aortic Aneurysmstllinical Assessment and Treatment. 2011 , 285-329	1

626 Comprehensive Cardiovascular Medicine in the Primary Care Setting. **2011**,

625	Endovascular versus open treatment of degenerative aneurysms of the descending thoracic aorta: a single center experience. 2011 , 19, 8-14	16
624	Open surgery versus endovascular repair of ruptured thoracic aortic aneurysms. 2011 , 53, 1210-6	68
623	Propensity-matched cohort validates findings of the VALOR trial. 2011 , 54, 22-9	14
622	Case scenario: anesthetic considerations for thoracoabdominal aortic aneurysm repair. 2011 , 115, 1093-102	19
621	Thoracic endovascular aortic repairindications and evidence. 2011 , 17, 1-6	18
620	Endovascular repair of ruptured abdominal and thoracic aortic aneurysms. 2011 , 7, 20-4	
619	Hybrid cardiovascular therapy: interventional (and surgical) procedures in high-risk patients. 2011 , 3, 171-189	
618	Medical therapy of aortic aneurysms: a pathophysiology-based approach. 2011 , 9, 572-84	3
617	Pregnancy-associated aortic dilatation or dissection in Japanese women with Marfan syndrome. 2011 , 75, 2545-51	31
616	Analysis of the risk associated with pregnancy in women with marfan syndrome. 2011 , 75, 2532-3	4
615	Malperfusion remains the major cause of mortality in proximal aortic operations. 2011 , 26, 393-6	1
614	Surgical repair of late aortic dissection after cardiac surgery. 2011 , 26, 506-8	
613	The effect of beta-blocker therapy on progressive aortic dilatation in children and adolescents with Marfan's syndrome: a meta-analysis. 2011 , 100, e101-5	31
612	Descending aortic diameter of 5.5 cm or greater is not an accurate predictor of acute type B aortic dissection. 2011 , 142, e101-7	56
611	Management of thoracoabdominal aortic aneurysms. 2011 , 48, 70-133	16
610	A systematic review of mid-term outcomes of thoracic endovascular repair (TEVAR) of chronic type B aortic dissection. 2011 , 42, 632-47	138
609	Frequency of cardiovascular events in women with a congenitally bicuspid aortic valve in a single community and effect of pregnancy on events. 2011 , 107, 96-9	56

608	Impact of image analysis methodology on diagnostic and surgical classification of patients with thoracic aortic aneurysms. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 904-12	51
607	Increased ascending aortic wall stress in patients with bicuspid aortic valves. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 1384-9	67
606	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 913	
605	Low dose dual-source CT angiography of the thoracic aorta. 2011 , 27, 1025-34	12
604	Patienten mit bikuspider Aortenklappe und moderat erweiterter Aorta ascendens. 2011 , 25, 99-106	
603	Die chirurgische Therapie des thorakoabdominellen Aneurysmas. 2011 , 25, 193-200	3
602	Management of acute aortic syndrome and chronic aortic dissection. 2011 , 34, 890-902	27
601	TEVAR: the solution to all aortic problems?. 2011 , 36, 539-47	9
600	[Modern aortic surgery in Marfan syndrome2011]. 2011 , 36, 505-12	5
599	In vivo three-dimensional MR wall shear stress estimation in ascending aortic dilatation. 2011 , 33, 589-97	81
598	Endovascular repair of thoracic aortic aneurysms. 2011 , 28, 107-17	16
597	Cor Pulmonale. 2011 , 1355-1376	
596	Medical therapy of thoracic aortic aneurysms: are we there yet?. 2011 , 124, 1469-76	57
595	What is new in dilatation of the ascending aorta? Review of current literature and practical advice for the cardiologist. 2011 , 123, 924-8	56
594	Impact of genetic insights into mendelian disease on cardiovascular clinical practice. 2011 , 123, 544-50	5
593	Comparison of the structure of the aortic valve and ascending aorta in adults having aortic valve replacement for aortic stenosis versus for pure aortic regurgitation and resection of the ascending aorta for aneurysm. 2011 , 123, 896-903	76
592	Current indications for surgical repair in patients with bicuspid aortic valve and ascending aortic ectasia. 2012 , 2012, 313879	17
591	Peripheral and Cerebrovascular Intervention. 2012,	1

(2012-2012)

590	Aortic event rate in the Marfan population: a cohort study. 2012, 125, 226-32	117
589	Failure of Marfan anatomic criteria to predict risk of aortic dissection in Turner syndrome: necessity of specific adjusted risk thresholds. 2012 , 14, 610-4	4
588	Anvrismes de l∃orte thoracique. 2012 , 7, 1-21	2
587	Prior cardiac and thoracic aortic surgery as a complication risk factor for abdominal aortic aneurysm repair. 2012 , 76, 1380-4	3
586	A 61-year-old man with cough and abnormal chest x-ray. 2012 , 30, 387.e1-3	1
585	Evaluation of 3D blood flow patterns and wall shear stress in the normal and dilated thoracic aorta using flow-sensitive 4D CMR. 2012 , 14, 84	130
584	Cardiovascular phenotype in Turner syndromeintegrating cardiology, genetics, and endocrinology. 2012 , 33, 677-714	143
583	Syphilitic aortic aneurysm with spastic paraparesis: a novel presentation and review of the literature. 2012 , 323, 241-4	3
582	Cardiac Surgery. 2012 , 499-515	
581	Effect of layer heterogeneity on the biomechanical properties of ascending thoracic aortic aneurysms. 2012 , 50, 1227-37	50
580	Acute type B aortic dissection in the absence of aortic dilatation. 2012 , 56, 311-6	27
579	Cardiovascular imaging in aortic disease. Multimodality approach in clinical practice. 2012 , 22, 41-53	
578	Natural history of thoracic aortic aneurysms. 2012 , 56, 565-71	143
577	Indications for repair of the aneurysmal aorta. 2012 , 24, 261-6	3
576	Biomechanical response of ascending thoracic aortic aneurysms: association with structural remodelling. 2012 , 15, 231-48	56
575	A pictorial review of acute aortic syndrome: discriminating and overlapping features as revealed by ECG-gated multidetector-row CT angiography. 2012 , 3, 561-71	34
574	Surgical Management of the Aortic Root. 2012 ,	
573	Mechanical behaviour and rupture of normal and pathological human ascending aortic wall. 2012 , 50, 559-66	76

572	Endovascular therapy for thoracic aortic aneurysms: state of the art in 2012. 2012 , 14, 149-63	14
571	Frequency of reoperations in patients with Marfan syndrome. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 1496-த்91	19
570	Effect of aneurysm on the mechanical dissection properties of the human ascending thoracic aorta. 2012 , 143, 460-7	109
569	Aortopathies: etiologies, genetics, differential diagnosis, prognosis and management. 2013 , 126, 670-8	49
568	Thoracic endovascular aortic repair: update on indications and guidelines. 2013, 31, 451-78	11
567	Difference in hemodynamic and wall stress of ascending thoracic aortic aneurysms with bicuspid and tricuspid aortic valve. 2013 , 46, 1729-38	101
566	[Endovascular treatment of thoracic aneurisms: indications, techniques and results]. 2013, 53, 513-8	
565	Aortic surgery for ascending aortic aneurysms under 5.0 cm in diameter in the presence of bicuspid aortic valve. 2013 , 6, 1321-6	13
564	Natural history of thoracic aortic aneurysms: size matters, plus moving beyond size. 2013 , 56, 74-80	53
563	Diseases of the thoracic aorta in women. 2013 , 57, 11S-7S	14
562	Effect of statin drugs on thoracic aortic aneurysms. 2013 , 112, 1240-5	55
561	Survival after endovascular therapy in patients with type B aortic dissection: a report from the International Registry of Acute Aortic Dissection (IRAD). 2013 , 6, 876-82	255
560	[Stent graft of the thoracic aorta]. 2013, 54, 561-71	1
559	Numerical simulation of blood flow in the thoracic aorta using a centerline-fitted finite difference approach. 2013 , 30, 701-710	7
558	Impact of asymmetry on measurements of the aortic root using cardiovascular magnetic resonance imaging in patients with a bicuspid aortic valve. 2013 , 29, 1769-77	13
557	Age-dependent ascending aorta mechanics assessed through multiphase CT. 2013 , 41, 2565-74	36
556	Management of dilated ascending aorta during aortic valve replacement: valve replacement alone versus aorta wrapping versus aorta replacement. 2013 , 146, 802-9	35
555	Endovascular repair of type B aortic dissection: long-term results of the randomized investigation of stent grafts in aortic dissection trial. 2013 , 6, 407-16	630

554	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 598	1
553	Peak wall stress predicts expansion rate in descending thoracic aortic aneurysms. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 593-8	33
552	Trattamento chirurgico degli aneurismi toracoaddominali. 2013 , 18, 1-22	
551	Effects of aging and body size on proximal and ascending aorta and aortic arch: inner edge-to-inner edge reference values in a large adult population by two-dimensional transthoracic echocardiography. 2013 , 26, 419-27	42
550	Quality of life and survival of septuagenarians and octogenarians after repair of descending and thoracoabdominal aortic aneurysms. 2013 , 145, 378-84	12
549	Indications for aortic aneurysmectomy: too many variables and not enough equations?. 2013 , 145, S126-9	7
548	Diseases of the Aorta. 2013 , 627-638	
547	Stent graft types for endovascular repair of thoracic aortic aneurysms. 2013 , CD008448	3
546	Reproducible porcine model of thoracic aortic aneurysm. 2013 , 128, S186-93	13
545	Left untreated: the natural course of a thoracic aortic aneurysm. 2013 , 21, 193-4	
544	CT and MRI assessment of the aortic root and ascending aorta. 2013 , 200, W581-92	54
543	Aortic root dilatation in adults with surgically repaired tetralogy of fallot: a multicenter cross-sectional study. 2013 , 127, 172-9	80
542	Concomitant replacement of the dilated ascending aorta during aortic valve replacement; does it increase the perioperative morbidity and mortality risks?. 2013 , 28, 285-90	4
541	A systematic review of the pharmacological management of aortic root dilation in Marfan syndrome. 2013 , 23, 568-81	12
540	Aortic wall shear stress in Marfan syndrome. 2013 , 70, 1137-44	30
539	A Perspective on Natural History and Survival in Nonoperated Thoracic Aortic Aneurysm Patients. 2013 , 1, 182-9	8
538	Pathophysiology, Epidemiology, and Prognosis of Aortic Aneurysms. 2013 , 457-470	
537	Endovascular Treatment of Descending Thoracic Aortic Aneurysms. 2013,	

536	Long-term results of endovascular repair for distal arch and descending thoracic aortic aneurysms treated by custom-made endografts: usefulness of fenestrated endografts. 2014 , 7, 383-92	3
535	Establishment of a new murine elastase-induced aneurysm model combined with transplantation. 2014 , 9, e102648	3
534	Aortic aneurysm screening in a high-risk population: a non-contrast computed tomography study in korean males with hypertension. 2014 , 44, 162-9	8
533	Aneurismas de la aorta torfica: Historia natural, diagnfitico y tratamiento. 2014 , 33, 127-135	4
532	Multi-detector computed tomography in the diagnosis and management of acute aortic syndromes. 2014 , 6, 355-65	10
531	Type B Aortic Dissection: A Review of Prognostic Factors and Meta-analysis of Treatment Options. 2014 , 2, 265-78	44
530	Hybrid repair of aortic arch aneurysm. 2014 , 56, e523-e526	1
529	Review of molecular and mechanical interactions in the aortic valve and aorta: implications for the shared pathogenesis of aortic valve disease and aortopathy. 2014 , 7, 823-46	7
528	2014 AHA/ACC Guideline for the Management of Patients With Valvular Heart Disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. 2014 , 129, e521-643	1060
527	Role of TGF-睁athway polymorphisms in sporadic thoracic aortic aneurysm: rs900 TGF-君 is a marker of differential gender susceptibility. 2014 , 2014, 165758	10
526	Effect of aneurysm on biomechanical properties of "radially-oriented" collagen fibers in human ascending thoracic aortic media. 2014 , 47, 3820-4	12
525	Systolic flow displacement correlates with future ascending aortic growth in patients with bicuspid aortic valves undergoing magnetic resonance surveillance. 2014 , 49, 635-9	32
524	Aortic dilatation and dissection in Turner syndrome: what we know, what we are unclear about and what we should do in clinical practice?. 2014 , 26, 469-88	27
523	Large thoracic aortic aneurysm and dissection with rare complication. 2014 , 28, 1034.e9-1034.e12	4
522	Thoracic aortic surgery: an overview of 40 years clinical practice. 2014 , 147, 332-43	11
521	Dissecting aortic root aneurysm and severe aortic regurgitation following pulmonary tuberculosis. 2014 , 63, 523-527	1
520	A mechanistic model on the role of "radially-running" collagen fibers on dissection properties of human ascending thoracic aorta. 2014 , 47, 981-8	37
519	Clinical significance of intraluminal atheroma in patients with ascending and arch aneurysm. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 2034-40	2

518	MDCT interpretation of the ascending aorta with semiautomated measurement software: improved reproducibility compared with manual techniques. 2014 , 8, 108-14	10
517	2014 AHA/ACC guideline for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. 2014 , 63, e57-185	1905
516	Mechano-biology in the thoracic aortic aneurysm: a review and case study. 2014, 13, 917-28	29
515	Risk factors for prophylactic proximal aortic replacement in the current era. 2014 , 103, 431-40	13
514	Impaired mechanics and matrix metalloproteinases/inhibitors expression in female ascending thoracic aortic aneurysms. 2014 , 34, 154-64	33
513	Prefailure and failure mechanics of the porcine ascending thoracic aorta: experiments and a multiscale model. 2014 , 136, 021028	32
512	Factors affecting a dilated ascending aorta in patients with bicuspid aortic valve: the relevance of valve anatomy, body size and age. 2014 , 44, 1483-9	2
511	Thoracic aortic aneurysm and dissection. 2014 , 64, 1725-39	215
510	Should I send my patient with previous giant cell arteritis for imaging of the thoracic aorta? A systematic literature review and meta-analysis. 2014 , 73, 143-8	51
509	Management of Aneurysmal Disease of the Aorta. 2014 , 3, 545-555	1
508	Surgical management of thoracoabdominal aneurysms. 2014 , 100, 1577-82	18
507	Inhibition of interleukin-1时ecreases aneurysm formation and progression in a novel model of thoracic aortic aneurysms. 2014 , 130, S51-9	83
506	Thoracic aorta (multidetector computed tomography and magnetic resonance evaluation). 2014 , 52, 195-217	12
505	FSI analysis of the blood flow and geometrical characteristics in the thoracic aorta. 2014 , 54, 1035-1045	76
504	A clinical decision model for selecting the most appropriate therapy for uncomplicated chronic dissections of the descending aorta. 2014 , 60, 20-30	3
503	"Open" approach to aortic arch aneurysm repair. 2014 , 26, 152-61	5
502	2014 AHA/ACC guideline for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. 2014 , 148, e1-e132	728
501	2014 AHA/ACC guideline for the management of patients with valvular heart disease: executive summary: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. 2014 , 63, 2438-88	1349

500	Canadian Cardiovascular Society position statement on the management of thoracic aortic disease. 2014 , 30, 577-89	135
499	How does the ascending aorta geometry change when it dissects?. 2014 , 63, 1311-1319	116
498	Aortopathy in Marfan syndrome: an update. 2014 , 23, 261-6	42
497	Regional variation of wall shear stress in ascending thoracic aortic aneurysms. 2014 , 228, 627-638	33
496	Nontraumatic acute aortic emergencies: Part 1, Acute aortic syndrome. 2014 , 202, 656-65	23
495	Modeling of predissection aortic size in acute type A dissection: More than 90% fail to meet the guidelines for elective ascending replacement. 2014 , 148, 944-8.e1	64
494	2014 AHA/ACC Guideline for the Management of Patients With Valvular Heart Disease: executive summary: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. 2014 , 129, 2440-92	1053
493	Aortic extra cellular matrix (ECM) remodeling. 2014 , 315-349	O
492	Aneurismas de aorta ascendente: tratamiento quirfgico. 2015 , 22, 195-199	
	Diagnostic performance of focused cardiac ultrasound performed by emergency physicians for the	
491	assessment of ascending aorta dilation and aneurysm. 2015 , 22, 536-41	7
49 ¹ 49 ⁰		2
	assessment of ascending aorta dilation and aneurysm. 2015 , 22, 536-41	
490	assessment of ascending aorta dilation and aneurysm. 2015 , 22, 536-41 Does this study make my aorta look fat?. 2015 , 132, 1600-1	2
490 489	assessment of ascending aorta dilation and aneurysm. 2015, 22, 536-41 Does this study make my aorta look fat?. 2015, 132, 1600-1 Stent graft types for endovascular repair of thoracic aortic aneurysms. 2015, CD008448 A methodology to detect abnormal relative wall shear stress on the full surface of the thoracic	2
49° 489 488	Does this study make my aorta look fat?. 2015, 132, 1600-1 Stent graft types for endovascular repair of thoracic aortic aneurysms. 2015, CD008448 A methodology to detect abnormal relative wall shear stress on the full surface of the thoracic aorta using four-dimensional flow MRI. 2015, 73, 1216-27 Aortic Dissection and Sudden Unexpected Deaths: A Retrospective Study of 31 Forensic Autopsy	2 4 55
49° 489 488 487	Does this study make my aorta look fat?. 2015, 132, 1600-1 Stent graft types for endovascular repair of thoracic aortic aneurysms. 2015, CD008448 A methodology to detect abnormal relative wall shear stress on the full surface of the thoracic aorta using four-dimensional flow MRI. 2015, 73, 1216-27 Aortic Dissection and Sudden Unexpected Deaths: A Retrospective Study of 31 Forensic Autopsy Cases. 2015, 60, 1206-11 Prevalence and significance of incidentally noted dilation of the ascending aorta on routine chest	2 4 55 14
490 489 488 487 486	Does this study make my aorta look fat?. 2015, 132, 1600-1 Stent graft types for endovascular repair of thoracic aortic aneurysms. 2015, CD008448 A methodology to detect abnormal relative wall shear stress on the full surface of the thoracic aorta using four-dimensional flow MRI. 2015, 73, 1216-27 Aortic Dissection and Sudden Unexpected Deaths: A Retrospective Study of 31 Forensic Autopsy Cases. 2015, 60, 1206-11 Prevalence and significance of incidentally noted dilation of the ascending aorta on routine chest computed tomography in older patients. 2015, 39, 109-11	2 4 55 14

(2015-2015)

482	The natural history of guidelines: the case of aortopathy related to bicuspid aortic valves. 2015 , 199, 150-3	21
481	Mortality benefit after reinforced reduction aortoplasty for dilated ascending aorta. Meta-analysis. 2015 , 199, 50-2	3
480	Crack Propagation Versus Fiber Alignment in Collagen Gels: Experiments and Multiscale Simulation. 2015 , 137, 121002	6
479	Perioperative management and outcomes of aortic surgery during pregnancy. 2015 , 149, 607-10	37
478	Multimodality imaging of diseases of the thoracic aorta in adults: from the American Society of Echocardiography and the European Association of Cardiovascular Imaging: endorsed by the Society of Cardiovascular Magnetic	347
477	Resonance. 2015 , 28, 119-82 The ascending aortic aneurysm: When to intervene?. 2015 , 6, 91-100	33
476	Comparative assessment of ascending aortic aneurysms in Marfan patients using ECG-gated computerized tomographic angiography versus trans-thoracic echocardiography. 2015 , 184, 22-27	15
475	Routine Genetic Testing for Thoracic Aortic Aneurysm and Dissection in a Clinical Setting. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1604-11	102
474	Aortic Dissection in Patients With Bicuspid Aortic Valve-Associated Aneurysms. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1666-73; discussion 1673-4	48
473	The New Dimension in Aortic Measurements - Use of the Inner Edge Measurement for the Thoracic Aorta in Australian Patients. 2015 , 24, 1104-10	5
472	Thoracic aortic dissection and rupture in conotruncal cardiac defects: A population-based study. 2015 , 184, 521-527	26
471	Understanding and treating aortopathy in bicuspid aortic valve. 2015 , 25, 445-51	5
470	Open thoracoabdominal aneurysm repair in octogenarians: is the enemy of good, perfect?. 2015 , 149, S142-3	1
469	Open repair of ruptured descending thoracic and thoracoabdominal aortic aneurysms. 2015 , 150, 814-21	26
468	Treatment of Thoracic Aortic Aneurysm: Role of Earlier Intervention. 2015, 27, 135-43	11
467	Coupling between MRI-assessed regional aortic pulse wave velocity and diameters in patients with thoracic aortic aneurysm: a feasibility study. 2015 , 23, 493-501	6
466	Aneurysmal degeneration of the thoracoabdominal aorta after medical management of type B aortic dissections. 2015 , 62, 900-6	43
465	Pragmatic minimum reporting standards for thoracic endovascular aortic repair. 2015 , 22, 356-67	8

464	Risk of rupture or dissection in descending thoracic aortic aneurysm. 2015 , 132, 1620-9	57
463	Diseccifi de aorta tipo B: ¿debe ser todavā el tratamiento màico la mejor opcifi? No, el tratamiento endovascular puede ser la mejor opcifi. 2015 , 67, 48-52	1
462	A new aortic injury score predicts early rupture more accurately than clinical assessment. 2015 , 61, 332-8	23
461	Endovascular repair of a thoracic aortic aneurysm in pregnancy at 22 weeks of gestation. 2015 , 62, 1323-5	6
460	Indications and imaging for aortic surgery: size and other matters. 2015 , 149, S10-3	42
459	Pharmacotherapy in Aortic Disease. 2015 ,	1
458	Primary Percutaneous Coronary Intervention in Chronic Type A Aortic Dissection. 2016, 4, 68-71	
457	Aneurysms of the Aorta: Ascending, Thoracic and Abdominal and Their Management. 2016 , 169-211	5
456	Who is at risk of dissection or rupture in moderately dilated ascending aorta?. 2016 , 8, E1655-E1656	O
455	Thoracic Aorta Aneurysm Repair in a Patient with a Solitary Kidney: Hybrid Surgery as a Bailout Procedure. 2016 , 3, 62	
454	Should patients undergo ascending aortic replacement with concomitant cardiac surgery?. 2016 , 27, 338-344	4
453	Predictors of Dissection in Aortic Aneurysms From Giant Cell Arteritis. 2016 , 22, 184-7	24
452	Characteristics of thoracic aortic aneurysm rupture in vitro. 2016 , 42, 286-295	14
451	Local Application of Leptin Antagonist Attenuates Angiotensin II-Induced Ascending Aortic Aneurysm and Cardiac Remodeling. 2016 , 5,	16
450	Thoracic Endovascular Aortic Aneurysm Repair. 2016 , 687-691	
449	Expansion rate of descending thoracic aortic aneurysms. 2016 , 103, 1823-1827	3
448	Aortic arch pathologies - incidence and natural history. 2016 , 21, 212-216	4
447	Aortic disease and pregnancy. 2016 , 31, 611-617	14

446	Local mechanical properties of human ascending thoracic aneurysms. 2016 , 61, 235-249	2	29
445	Aortic vasculature changes following support with a continuous-flow left ventricular assist device: The role of pulsatility. 2016 , 35, 421-2	1	ſ
444	Detailed Measurement of Wall Strain with 3D Speckle Tracking in the Aortic Root: A Case of Bionic Support for Clinical Decision Making. 2016 , 5, 77-80	1	Ĺ
443	Outcomes After Elective Proximal Aortic Replacement: A Matched Comparison of Isolated Versus Multicomponent Operations. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 2185-92	2.7 7	7
442	Impact of age and urgency on survival after thoracic endovascular aortic repair. 2016, 64, 25-32	1	12
441	Open versus Endovascular Repair of Arch and Descending Thoracic Aneurysms: A Retrospective Comparison. 2016 , 31, 30-8	3	3
440	Natural history of 40-50 mm root/ascending aortic aneurysms in the current era of dedicated thoracic aortic clinics. 2016 , 50, 562-6	1	17
439	Risk of Aortic Dissection in the Moderately Dilated Ascending Aorta. 2016 , 68, 1209-1219	ϵ	51
438	Open Versus Endovascular or Hybrid Thoracic Aortic Aneurysm Repair. 2016 , 18, 60	4	1
437	Advances in Computational Fluid-Structure Interaction and Flow Simulation. 2016 ,	,	2
		3	,
436	A Geometrical-Characteristics Study in Patient-Specific FSI Analysis of Blood Flow in the Thoracic Aorta. 2016 , 379-386		30
436	A Geometrical-Characteristics Study in Patient-Specific FSI Analysis of Blood Flow in the Thoracic		
	A Geometrical-Characteristics Study in Patient-Specific FSI Analysis of Blood Flow in the Thoracic Aorta. 2016 , 379-386	3	
435	A Geometrical-Characteristics Study in Patient-Specific FSI Analysis of Blood Flow in the Thoracic Aorta. 2016 , 379-386 Indications for Aortic Arch Intervention. 2016 , 20, 259-264 Changing Pathology of the Thoracic Aorta From Acute to Chronic Dissection: Literature Review and	3 1 7	30
435	A Geometrical-Characteristics Study in Patient-Specific FSI Analysis of Blood Flow in the Thoracic Aorta. 2016, 379-386 Indications for Aortic Arch Intervention. 2016, 20, 259-264 Changing Pathology of the Thoracic Aorta From Acute to Chronic Dissection: Literature Review and Insights. 2016, 68, 1054-65 Evaluating ascending aortic aneurysm tissue toughness: Dependence on collagen and elastin	3 1 7	30 1 70
435 434 433	A Geometrical-Characteristics Study in Patient-Specific FSI Analysis of Blood Flow in the Thoracic Aorta. 2016, 379-386 Indications for Aortic Arch Intervention. 2016, 20, 259-264 Changing Pathology of the Thoracic Aorta From Acute to Chronic Dissection: Literature Review and Insights. 2016, 68, 1054-65 Evaluating ascending aortic aneurysm tissue toughness: Dependence on collagen and elastin contents. 2016, 64, 262-71 WES/WGS Reporting of Mutations from Cardiovascular "Actionable" Genes in Clinical Practice: A	7	70
435 434 433 432	A Geometrical-Characteristics Study in Patient-Specific FSI Analysis of Blood Flow in the Thoracic Aorta. 2016, 379-386 Indications for Aortic Arch Intervention. 2016, 20, 259-264 Changing Pathology of the Thoracic Aorta From Acute to Chronic Dissection: Literature Review and Insights. 2016, 68, 1054-65 Evaluating ascending aortic aneurysm tissue toughness: Dependence on collagen and elastin contents. 2016, 64, 262-71 WES/WGS Reporting of Mutations from Cardiovascular "Actionable" Genes in Clinical Practice: A Key Role for UMD Knowledgebases in the Era of Big Databases. 2016, 37, 1308-1317 Contemporary outcomes of open thoracoabdominal aneurysm repair: functional status is the	3 7 1 5	70

428 An incorrect diagnosis and an unexpected cause of respiratory failure. **2016**, 29, 43-6

427	Preoperative morphology influences thoracic aortic aneurysm sac expansion after endovascular repair. 2016 , 103, 819-29	6
426	A review of the surgical management of right-sided aortic arch aneurysms. 2016 , 23, 156-62	17
425	Anesthetic Management of Open Thoracoabdominal Aortic Aneurysm Repair. 2016 , 54, 76-101	1
424	Mechanical Characterization of the Human Aorta: Experiments, Modeling and Simulation. 2016 , 151-202	
423	The role of transesophageal echocardiography in aortic surgery. 2016 , 30, 317-29	3
422	Thoracic aortic aneurysm in a pre-Columbian (210 BC) inhabitant of Northern Chile: Implications for the origins of syphilis. 2016 , 13, 20-26	5
421	Surgery for Aortic Dilatation in Patients With Bicuspid Aortic Valves: A Statement of Clarification From the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. 2016 , 133, 680-6	53
420	The Need for Standardized Methods for Measuring the Aorta: Multimodality Core Lab Experience From the GenTAC Registry. 2016 , 9, 219-26	38
419	Mechanical assessment of arterial dissection in health and disease: Advancements and challenges. 2016 , 49, 2366-73	23
418	Extracellular matrix fiber microarchitecture is region-specific in bicuspid aortic valve-associated ascending aortopathy. 2016 , 151, 1718-1728.e5	24
417	Natural history and risk factors for rupture of thoracic aortic arch aneurysms. 2016 , 63, 1189-94	21
416	La disecciñ aftica tipo B: tratamiento endovascular. 2016 , 68, 218-226	
415	Systematic Review of the Growth Rates and Influencing Factors in Thoracic Aortic Aneurysms. 2016 , 51, 674-81	42
414	Outcome of thoracic endovascular aortic repair in patients with thoracic and thoracoabdominal aortic aneurysms. 2016 , 63, 1170-1181.e1	13
413	Aortic Root Replacement in Octogenarians Offers Acceptable Perioperative and Late Outcomes. Annals of Thoracic Surgery, 2016 , 101, 967-72	13
412	Normal Values and Differences in Ascending Aortic Diameter in a Healthy Population of Adults as Measured by the Pediatric versus Adult American Society of Echocardiography Guidelines. 2016 , 29, 166-72	15
411	Predictive Models with Patient Specific Material Properties for the Biomechanical Behavior of Ascending Thoracic Aneurysms. 2016 , 44, 84-98	20

410	Computed Tomography Angiography of the Thoracic Aorta. 2016 , 54, 13-33	12
409	Human dilated ascending aorta: Mechanical characterization via uniaxial tensile tests. 2016 , 53, 257-271	49
408	Ruptured Abdominal Aortic Aneurysm. 2017,	2
407	Failure of the Porcine Ascending Aorta: Multidirectional Experiments and a Unifying Microstructural Model. 2017 , 139,	31
406	Aortic Diseases. 2017 , 428-438	
405	Thoracic Aortic Aneurysm Growth: Role of Sex and Aneurysm Etiology. 2017 , 6,	55
404	Surgical Indication for Chronic Aortic Dissection in Descending Thoracic and Thoracoabdominal Aorta. 2017 , 10,	7
403	High mortality rates after both open surgical and endovascular thoracic aortic interventions in patients with end-stage renal disease. 2017 , 66, 991-996	17
402	Is Routine Imaging of the Aorta Warranted in Patients With Giant Cell Arteritis?. 2017, 37, 314-319	1
401	Moderately Elevated Homocysteine Does Not Contribute to Thoracic Aortic Aneurysm in Mice. 2017 , 147, 1290-1295	3
400	Acute Type A Aortic Dissection. 2017, 35, 331-345	48
399	An Accident Waiting to Happen: Thoracic Aortic Aneurysm. 2017 , 92, 1009-1010	
398	Natural history of moderately dilated tubular ascending aorta: implications for determining the optimal imaging interval. 2017 , 51, 959-964	5
397	Vascular Disease in Older Adults. 2017 ,	1
396	A machine learning approach to investigate the relationship between shape features and numerically predicted risk of ascending aortic aneurysm. 2017 , 16, 1519-1533	56
395	Aortic elongation and the risk for dissection: the Tbingen Aortic Pathoanatomy (TAIPAN) project 2017, 51, 1119-1126	25
394	A Regression Method Based on Noninvasive Clinical Data to Predict the Mechanical Behavior of Ascending Aorta Aneurysmal Tissue. 2017 , 64, 2607-2617	4
393	Alcohol consumption and mortality from aortic disease among Japanese men: The Japan Collaborative Cohort study. 2017 , 266, 64-68	7

392	The Role Matrix Metalloproteinases in the Production of Aortic Aneurysm. 2017, 147, 239-265	93
391	Aneurysmal degeneration of type B aortic dissections after thoracic endovascular aortic repair: A systematic review. 2017 , 66, 924-930	41
390	Thoracic aortic aneurysms: state of the art and current controversies. 2017 , 15, 667-680	5
389	Is Big Truly Bad? Aortic Dilation in Former National Football League Players. 2017 , 10,	1
388	Therapie der erweiterten Aorta ascendens. 2017 , 31, 7-15	2
387	Ersatz der Aorta ascendens. 2017 , 31, 20-22	
386	Surgery for Diseases of the Aortic Root. 2017 , 35, 321-329	1
385	Treatment of Complex Thoracoabdominal Aortic Disease. 2017 , 35, 411-429	5
384	Microstructure and Mechanics of Human Aortas in Health and Disease. 2017 , 157-192	
383	Single-center experience with simultaneous thoracic endovascular aortic repair and abdominal endovascular aneurysm repair. 2017 , 25, 157-162	3
382	The Aortic Root: Natural History After Root-Sparing Ascending Replacement in Nonsyndromic Aneurysmal Patients. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 828-833	10
381	Time-Resolved Three-Dimensional Contrast-Enhanced Magnetic Resonance Angiography in Patients with Chronic Expanding and Stable Aortic Dissections. 2017 , 2017, 5428914	2
380	Biomechanical properties of the thoracic aorta in Marfan patients. 2017 , 6, 610-624	7
379	Overview of the current knowledge on etiology, natural history and treatment of aortic dissection. 2017 , 58, 238-251	14
378	Wrapping of the ascending aorta revisited-is there any role left for conservative treatment of ascending aortic aneurysm?. 2017 , 9, S488-S497	15
377	Marfan syndrome with pneumothorax: case report and review of literatures. 2017 , 9, E1100-E1103	6
376	Case series of aortic arch disease treated with branched stent-grafts. 2018 , 105, 358-365	13
375	Hybrid and total endovascular repair of the aortic arch. 2018 , 105, 315-327	22

374	Acute Aortic Syndrome in Adults: Evidence-Based Emergency Imaging. 2018, 207-218	
373	Sex Considerations in Aneurysm Formation, Progression, and Outcomes. 2018 , 34, 362-370	9
372	Aortic elongation in aortic aneurysm and dissection: the TBingen Aortic Pathoanatomy (TAIPAN) project. 2018 , 54, 26-33	15
371	Time to Move to Earlier Intervention for Thoracic Aortic Aneurysm?. 2018 , 2, 10-22	2
370	Spontaneous rupture of the ascending aorta. 2018 , 33, 107-114	3
369	Impact of uncertainties in outflow boundary conditions on the predictions of hemodynamic simulations of ascending thoracic aortic aneurysms. 2018 , 165, 96-115	37
368	Aortic Size and Aortic Dissection: Does One Size Fit All?. 2018 , 139, 147-150	4
367	Prevention of Aortic Dissection Suggests a Diameter Shift to a Lower Aortic Size Threshold for Intervention. 2018 , 139, 139-146	32
366	Natural history of the proximal aorta in patients with descending thoracic aortic disease. 2018 , 67, 1659-1663	
365	Height alone, rather than body surface area, suffices for risk estimation in ascending aortic aneurysm. 2018 , 155, 1938-1950	83
364	Echocardiographic Assessment of the Aorta. 2018 , 145-157	
363	Magnetic Resonance Angiography. 2018 , 207-214	1
362	Minimally Invasive Aortic Surgery: Mini-Bentall Procedure and Beyond. 2018, 383-392	
361	Reparaciñ endovascular de aneurisma de aorta torñica en mujeres con aneurisma de aorta torñica descendente. 2018 , 70, 85-87	
360	Analysis of Aortic Growth Rates in Uncomplicated Type B Dissection. 2018 , 48, 133-140	7
359	Endovascular and Surgical Therapy of Thoracic and Thoraco-Abdominal Disease of the Aorta. 2018 , 1575-1603	3
358	Gender differences in outcomes after aortic aneurysm surgery should foster further research to improve screening and prevention programmes. 2018 , 25, 32-41	8
357	Aortic Arch Reconstruction: Are Hybrid Debranching Procedures a Good Choice?. 2018 , 27, 1335-1349	12

356	Morphological features of the thoracic aorta and supra-aortic branches in patients with acute Type A aortic dissection in China. 2018 , 27, 555-560	2
355	Aortic elongation part II: the risk of acute type A aortic dissection. 2018 , 104, 1778-1782	25
354	Effects of clinico-pathological risk factors on in-vitro mechanical properties of human dilated ascending aorta. 2018 , 77, 1-11	18
353	Sex Chromosome Complement Defines Diffuse Versus Focal Angiotensin II-Induced Aortic Pathology. 2018 , 38, 143-153	22
352	Hemodynamic assessments of the ascending thoracic aortic aneurysm using fluid-structure interaction approach. 2018 , 56, 435-451	9
351	Endovascular Management of Thoracoabdominal Aneurysms. 2018, 61-76	
350	Impact of aortic aneurysms in trans-catheter aortic valve replacement: A single center experience. 2018 , 70 Suppl 3, S303-S308	8
349	How can genetic diagnosis inform the decision of when to operate?. 2018 , 4, 68	4
348	Development and validation of a nomogram predicting the probability of type a aortic dissection at a diameter below 55 mm: A retrospective cohort study. 2018 , 60, 266-272	10
347	Current challenges in open versus endovascular repair of ruptured thoracic aortic aneurysm. 2018 , 68, 1582-1592	18
346	Imaging of Thoracoabdominal Aortic Aneurysms. 2018 , 33, 358-365	10
345	Thoracic aortic aneurysm. 2018 , 23, 573-578	7
344	A fatal case of Ortner's syndrome and dysphagia aortica secondary to rapidly expanding mycotic thoracic aortic aneurysm in a chronic kidney disease patient. 2018 , 6, 2050313X18799247	4
343	Transcatheter Aortic Valve Implantation in a Nonagenarian with Aortic Aneurysm: Futility or Utility?. 2018 , 2018, 5434953	2
342	Predictors of Rapid Aortic Root Dilation and Referral for Aortic Surgery in Marfan Syndrome. 2018 , 39, 1453-1461	10
341	Managing Incidental Findings on Thoracic CT: Mediastinal and Cardiovascular Findings. A White Paper of the ACR Incidental Findings Committee. 2018 , 15, 1087-1096	59
340	Comparison of hemodynamic and structural indices of ascending thoracic aortic aneurysm as predicted by 2-way FSI, CFD rigid wall simulation and patient-specific displacement-based FEA. 2018 , 100, 221-229	30
339	Novel Approaches for BAV Aortopathy Prediction-Is There a Need for Cohort Studies and Biomarkers?. 2018 , 8,	6

338	Discriminatory Value of the Ascending Aorta Diameter in Suspected Acute Type A Aortic Dissection. 2019 , 26, 217-225	2
337	Abdominal and Thoracic Aortic Aneurysms. 2018 , 197-207	
336	Outcomes Following Non-operative Management of Thoracic and Thoracoabdominal Aneurysms. 2019 , 43, 273-281	2
335	Intermodality variation of aortic dimensions: How, where and when to measure the ascending aorta. 2019 , 276, 230-235	16
334	Size and dissection: what is the relation?. 2019 , 35, 72-78	Ο
333	Off pump hybrid extra-anatomic techniques for aortic arch repair-own experience. 2019 , 11, 2305-2314	2
332	MiR-574-5p: A Circulating Marker of Thoracic Aortic Aneurysm. 2019 , 20,	13
331	Biomechanics of aortic wall failure with a focus on dissection and aneurysm: A review. 2019 , 99, 1-17	37
330	Predictive imaging for thoracic aortic dissection and rupture: moving beyond diameters. 2019 , 29, 6396-6404	26
329	Heart Teams for Treatment of Cardiovascular Disease. 2019 ,	2
329	Heart Teams for Treatment of Cardiovascular Disease. 2019, Prevalence of thoracic aortic aneurysms and dilatations in patients with intracranial aneurysms. 2019, 70, 1801-1808	10
	Prevalence of thoracic aortic aneurysms and dilatations in patients with intracranial aneurysms.	
328	Prevalence of thoracic aortic aneurysms and dilatations in patients with intracranial aneurysms. 2019, 70, 1801-1808 The fate of mild to moderate proximal aortic dilatation after isolated aortic valve replacement in	
328	Prevalence of thoracic aortic aneurysms and dilatations in patients with intracranial aneurysms. 2019, 70, 1801-1808 The fate of mild to moderate proximal aortic dilatation after isolated aortic valve replacement in tricuspid aortic valve patients. 2019, 34, 1208-1214 Midterm prognosis of type B aortic dissection with and without dissecting aneurysm of descending	10
328 327 326	Prevalence of thoracic aortic aneurysms and dilatations in patients with intracranial aneurysms. 2019, 70, 1801-1808 The fate of mild to moderate proximal aortic dilatation after isolated aortic valve replacement in tricuspid aortic valve patients. 2019, 34, 1208-1214 Midterm prognosis of type B aortic dissection with and without dissecting aneurysm of descending thoracic aorta after endovascular repair. 2019, 9, 8870	10
328 327 326 325	Prevalence of thoracic aortic aneurysms and dilatations in patients with intracranial aneurysms. 2019, 70, 1801-1808 The fate of mild to moderate proximal aortic dilatation after isolated aortic valve replacement in tricuspid aortic valve patients. 2019, 34, 1208-1214 Midterm prognosis of type B aortic dissection with and without dissecting aneurysm of descending thoracic aorta after endovascular repair. 2019, 9, 8870 Thoracic Aorta and Supra-Aortic Arch Branches. 2019, 139-163 [Lysis at the dorsal vertebral bodies showing chronic contained rupture of an aneurysm: about a	10
328 327 326 325 324	Prevalence of thoracic aortic aneurysms and dilatations in patients with intracranial aneurysms. 2019, 70, 1801-1808 The fate of mild to moderate proximal aortic dilatation after isolated aortic valve replacement in tricuspid aortic valve patients. 2019, 34, 1208-1214 Midterm prognosis of type B aortic dissection with and without dissecting aneurysm of descending thoracic aorta after endovascular repair. 2019, 9, 8870 Thoracic Aorta and Supra-Aortic Arch Branches. 2019, 139-163 [Lysis at the dorsal vertebral bodies showing chronic contained rupture of an aneurysm: about a case]. 2019, 32, 32 microRNAs in bicuspid aortic valve associated aortopathy: Recent advances and future	10 O

1320 Insights into the Pathogenic Mechanisms of Acute Dissection. **2019**, 181-189

319	Correlating Intramural Biochemistry and Elasticity in Patients With Ascending Aortic Aneurysms. 2019 , 20, 279-280	
318	Impact of Aortopathy and Aortic Valve Disease on 3D Blood Flow and Wall Shear Stress in the Thoracic Aorta: As Assessed by 4D Flow MRI. 2019 , 447-464	
317	Mechanics of the Thoracic Aortic Wall. 2019 , 149-162	
316	Prevalence of Incidentally Identified Thoracic Aortic Dilations: Insights for Screening Criteria. 2019 , 35, 892-898	10
315	The bicuspid aortic valve: Is it an immunological disease process?. 2019 , 34, 482-494	3
314	Modelling of predissection aortic size in acute descending aortic dissection. 2019 , 29, 124-129	4
313	Symptoms Matter: A Symptomatic but Radiographically Elusive Ascending Aortic Dissection. 2019 , 28, 31-33	1
312	Automated 3D segmentation and diameter measurement of the thoracic aorta on non-contrast enhanced CT. 2019 , 29, 4613-4623	22
311	The fate of unrepaired chronic type A aortic dissection. 2019 , 158, 996-1004.e3	13
310	Decision-making algorithm for ascending aortic aneurysm: Effectiveness in clinical application?. 2019 , 157, 1733-1745	27
309	Maternal and Fetal Cardiovascular Disease. 2019,	
308	Descending threshold for ascending aortic aneurysmectomy: Is it time for a "left-shift" in guidelines?. 2019 , 157, 37-42	35
307	Computed Tomography of Acquired Aortic Diseases. 2019 , 57, 127-139	1
306	Current options and recommendations for the treatment of thoracic aortic pathologies involving the aortic arch: an expert consensus document of the European Association for Cardio-Thoracic surgery (EACTS) and the European Society for Vascular Surgery (ESVS). 2019 , 55, 133-162	146
305	Sex Differences in Thoracic Aortic Aneurysm Growth. 2019 , 73, 190-196	26
304	Aortic Aneurysms. 2019 , 365-377	
303	Editor's Choice - Current Options and Recommendations for the Treatment of Thoracic Aortic Pathologies Involving the Aortic Arch: An Expert Consensus Document of the European Association for Cardio-Thoracic Surgery (EACTS) & the European Society for Vascular Surgery (ESVS). 2019 , 57, 165-198	85

(2021-2019)

302	The role of ascending aortic size in outcomes of patients with uncomplicated acute type B aortic dissection. 2019 , 69, 1011-1020		4
301	Multiscale Mechanical Behavior of Large Arteries. 2019 , 180-202		1
300	Replacing the ascending aorta in the elderly: do or do not. 2019 , 35, 106-111		0
299	Outcomes after thoracic endovascular aortic repair in patients with chronic kidney disease in the Medicare population. 2020 , 159, 402-413		3
298	High prevalence of ascending aortic dilatation in a consecutive coronary CT angiography patient population. 2020 , 30, 1079-1087		7
297	Type A Aortic Dissection in Patients With Bicuspid Aortic Valve Aortopathy. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 94-100	2.7	13
296	Aortic Complications in Marfan Syndrome: Should We Anticipate Preventive Aortic Root Surgery?. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1850-1857	2.7	6
295	Risk of adding prophylactic aorta replacement to a cardiac operation. 2020 , 159, 1669-1678.e10		8
294	Relationship Between Ascending Thoracic Aortic Aneurysms Hemodynamics and Biomechanical Properties. 2020 , 67, 949-956		6
293	Growth of the thoracic aorta in the smoking population: The Danish Lung Cancer Screening Trial. 2020 , 299, 276-281		1
292	Aortic root and ascending aorta dimensions in acute aortic dissection. 2020 , 35, 131-137		5
291	Commentary: Aortic aneurysms are not created equal. 2020 , 160, e261-e262		
290	Calculation of the unit normal vector for wall shear stress in the lattice Boltzmann model. 2020 , 199, 104422		1
289	Imaging-Based 4D Aortic Pressure Mapping in Marfan Syndrome Patients: A´Matched Case-Control Study. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1434-1440	2.7	3
288	Variability in Echocardiographic Ascending Aortic Diameters due to Image Acquisition by Different Sonographers. 2020 , 33, 249-252.e4		
287	Proximal aortic diameter evolution in hypertensive patients with mild-to-moderate aortic dilatation: a 5-year follow-up experience. 2020 , 38, 716-722		2
286	Sex-specific distributions and determinants of thoracic aortic diameters in the elderly. 2020 , 106, 133-13	39	8
285	Increased Virulence of Descending Thoracic and Thoracoabdominal Aortic Aneurysms in Women. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 45-52	2.7	О

284	Building on a genetic framework: Can we personalize the timing of surgical repair for patients with heritable thoracic aortic disease?. 2020 , 160, 901-905	4
283	Multimodality Assessment of Thoracic Aortic Dimensions: Comparison of Computed Tomography Angiography, Magnetic Resonance Imaging, and Echocardiography Measurements. 2020 , 35, 399-406	6
282	Presentation, surgical intervention, and long-term survival in patients with Marfan syndrome. 2020 , 72, 480-489	2
281	The impact of hospital size on national trends and outcomes in isolated open proximal aortic surgery. 2020 ,	2
280	Inverse material characterisation of human aortic tissue for traumatic injury in motor vehicle crashes. 2020 , 1-20	O
279	Patient-Specific CT-Based Fluid-Structure-Interaction Aorta Model to Quantify Mechanical Conditions for the Investigation of Ascending Aortic Dilation in TOF Patients. 2020 , 2020, 4568509	
278	Diagnosis and Surveillance of Aortic Root Dilation. 2020,	
277	Transforming Growth Factor-魯nd the Renin-Angiotensin System in Syndromic Thoracic Aortic Aneurysms: Implications for Treatment. 2021 , 35, 1233-1252	9
276	Ascending Aorta Resection and End-to-End Anastomosis: Redistribution of Wall Shear Stress Induced by a Bioprosthetic Heart Valve. 2020 , 2, 297-303	
275	Development of a multivariable prediction model for patient-adjusted aortic risk morphology. 2020 , 58, 692-699	2
274	Cardiac Surgery During the Coronavirus Disease 2019 Pandemic: Perioperative Considerations and Triage Recommendations. 2020 , 9, e017042	40
273	Evaluating the diagnostic accuracy of maximal aortic diameter, length and volume for prediction of aortic dissection. 2020 , 106, 892-897	13
272	Discrepancies in Measurement of the Thoracic Aorta: JACC Review Topic of the Week. 2020 , 76, 201-217	22
271	Hybrid Open-Endovascular Repair in a Patient With Giant Contained Aortic Aneurysm Rupture. 2020 , 54, 725-728	
270	Commentary: Do not "futz" with Laplace. 2021 , 162, 1463-1466	
269	Wall stress analyses in patients with ₿´cm versus . 2021 , 162, 1452-1459	15
268	Association of Ascending Aortic Dilatation and Long-term Endurance Exercise Among Older Masters-Level Athletes. 2020 , 5, 522-531	13
267	Deep learning for automated cerebral aneurysm detection on computed tomography images. 2020 , 15, 715-723	22

266	Familial Aortopathies - State of the Art Review. 2020 , 29, 607-618	3
265	Pathogenic mechanisms and the potential of drug therapies for aortic aneurysm. 2020 , 318, H652-H670	12
264	Perioperative and Long-Term Morbidity and Mortality for Elderly Patients Undergoing Thoracic Aortic Surgery. 2020 , 32, 644-652	4
263	Sex differences in thoracic aortic disease: A review of the literature and a call to action. 2020 , 160, 656-660	6
262	Unravelling the Pathogenetic Mechanisms in Congenital Aortopathies: Need for an Integrative Translational Approach. 2020 , 9,	2
261	Successful medical management of a 16-month chronic type A aortic dissection. 2020 , 15, 660-663	Ο
260	Society for Vascular Surgery clinical practice guidelines of thoracic endovascular aortic repair for descending thoracic aortic aneurysms. 2021 , 73, 55S-83S	40
259	High rate failure properties of porcine aortic tissue under uniaxial tension. 2021 , 26, 109-119	
258	Impact of thoracic aortic aneurysm on outcomes of transcatheter aortic valve replacement: A nationwide cohort analysis. 2021 , 97, 549-553	2
257	The impact of the COVID-19 pandemic on cardiac surgery and transplant services in Ireland's National Centre. 2021 , 190, 13-17	9
256	Aortic Aneurysm Natural Progression is Not Influenced by Concomitant Malignancy and Chemotherapy. 2021 , 71, 29-39	2
255	Sex-related disparities in intervention rates and type of intervention in patients with aortic and peripheral arterial diseases in the National Inpatient Sample Database. 2021 , 73, 2081-2089.e7	6
254	Self-navigated 3D whole-heart MRA for non-enhanced surveillance of thoracic aortic dilation: A comparison to CTA. 2021 , 76, 123-130	4
253	Deep learning approach for the segmentation of aneurysmal ascending aorta. 2021 , 11, 15-24	23
252	Elective replacement of the ascending aorta: is the 5.5-cm threshold appropriate? The insidious, small aorta. 2021 , 59, 554-561	1
251	2020 ACC/AHA Guideline for the Management of Patients With Valvular Heart Disease: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. 2021 , 143, e72-e227	239
250	2020 ACC/AHA Guideline for the Management of Patients With Valvular Heart Disease: Executive Summary: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. 2021 , 143, e35-e71	170
249	2020 ACC/AHA Guideline for the Management of Patients With Valvular Heart Disease: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. 2021 , 77, e25-e197	192

248	Epidemiology and management of aortic disease: aortic aneurysms and acute aortic syndromes. 2021 , 18, 331-348	23
247	Thoracic Endovascular Aortic Repair in "Shaggy Thoracic Aortic Aneurysms". 2021 , 44, 220-229	2
246	When should a rare inherited connective tissue disorder be suspected in bicuspid aortic valve by primary-care internists and cardiologists? Proposal of a score. 2021 , 16, 609-615	
245	Impact of left ventricular ejection fraction on the outcomes of open repair of descending thoracic and thoracoabdominal aneurysms. 2021 , 161, 534-541.e5	6
244	Aortic Root and Ascending Aortic Aneurysm Related to One Case. Reimplantation of the Right Coronary Artery by 8 mm Dacron Tube (Cabrol Hemi Mustache) and Review of the Literature. 2021 , 11, 1-10	
243	A new porcine model of ascending aortic aneurysm established using a cover-then-cut method. 2021 , 51, 906-915	
242	Synthesis of multidimensional pathophysiological process leading to type A aortic dissection: a narrative review. 2021 , 13, 6026-6036	
241	Thoracic aortic aneurysms in patients with heritable connective tissue disease. 2021 , 36, 1083-1090	1
240	Emergent thoracic endovascular aortic aneurysm repair for ruptured aneurysm: in-hospital and long-term results. 2020 , 61, 675-680	0
239	Outflow Tract Anomalies. 2021 , 425-452	
239	Outflow Tract Anomalies. 2021, 425-452 Haemodynamic Analysis of the Relationship between the Morphological Alterations of the Ascending Aorta and the Type A Aortic-Dissection Disease. 2021, 17, 721-743	0
	Haemodynamic Analysis of the Relationship between the Morphological Alterations of the	0
238	Haemodynamic Analysis of the Relationship between the Morphological Alterations of the Ascending Aorta and the Type A Aortic-Dissection Disease. 2021 , 17, 721-743 Early diagnosis of aortic aneurysms based on the classification of transfer function parameters	
238	Haemodynamic Analysis of the Relationship between the Morphological Alterations of the Ascending Aorta and the Type A Aortic-Dissection Disease. 2021 , 17, 721-743 Early diagnosis of aortic aneurysms based on the classification of transfer function parameters estimated from two photoplethysmographic signals. 2021 , 25, 100652	1
238 237 236	Haemodynamic Analysis of the Relationship between the Morphological Alterations of the Ascending Aorta and the Type A Aortic-Dissection Disease. 2021, 17, 721-743 Early diagnosis of aortic aneurysms based on the classification of transfer function parameters estimated from two photoplethysmographic signals. 2021, 25, 100652 New indicators for systematic assessment of aortic morphology: a narrative review. 2021, 13, 372-383 Ascending thoracic aortic aneurysm growth is minimal at sizes that do not meet criteria for surgical	0
238237236235	Haemodynamic Analysis of the Relationship between the Morphological Alterations of the Ascending Aorta and the Type A Aortic-Dissection Disease. 2021, 17, 721-743 Early diagnosis of aortic aneurysms based on the classification of transfer function parameters estimated from two photoplethysmographic signals. 2021, 25, 100652 New indicators for systematic assessment of aortic morphology: a narrative review. 2021, 13, 372-383 Ascending thoracic aortic aneurysm growth is minimal at sizes that do not meet criteria for surgical repair 2022, 12, 333-340	0
238237236235234	Haemodynamic Analysis of the Relationship between the Morphological Alterations of the Ascending Aorta and the Type A Aortic-Dissection Disease. 2021, 17, 721-743 Early diagnosis of aortic aneurysms based on the classification of transfer function parameters estimated from two photoplethysmographic signals. 2021, 25, 100652 New indicators for systematic assessment of aortic morphology: a narrative review. 2021, 13, 372-383 Ascending thoracic aortic aneurysm growth is minimal at sizes that do not meet criteria for surgical repair 2022, 12, 333-340 Thoracale aorta. 2021, 343-355 Knowledge, attitudes, and practice preferences in the surgical threshold for ascending aortic	1 O O

230	2020 ACC/AHA Guideline for the Management of Patients With Valvular Heart Disease: Executive Summary: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. 2021 , 77, 450-500	135
229	Commentary: Accurate prediction of aortic dissection and rupture: The elusive holy grail. 2021,	
228	Patterns of Surveillance Imaging for Incidentally Detected Ascending Aortic Aneurysms. <i>Annals of Thoracic Surgery</i> , 2021 ,	2
227	Is there an immunogenomic difference between thoracic and abdominal aortic aneurysms?. 2021 , 36, 1520-1530	2
226	Chest CT Angiography for Acute Aortic Pathologic Conditions: Pearls and Pitfalls. 2021, 41, 399-424	9
225	Epidemiology of thoracoabdominal aortic aneurysms. 2021 , 34, 18-28	O
224	Determining the optimal interval for imaging surveillance of ascending aortic aneurysms. 2021 , 29, 623-631	О
223	Remodeling, Reintervention, and Survival After Endovascular Repair of Chronic Type B Dissection. Annals of Thoracic Surgery, 2021 , 111, 1560-1569	7
222	Sex Differences in Ascending Aortic and Arch Surgery: A Propensity-Matched Comparison of 1153 Pairs. <i>Annals of Thoracic Surgery</i> , 2021 ,	2
221	Protocol for a randomised controlled trial for Treatment in Thoracic Aortic Aneurysm: Surgery versus Surveillance (TITAN: SvS). 2021 , 11, e052070	O
220	Aortic Root Dilation in Patients with 22q11.2 Deletion Syndrome Without Intracardiac Anomalies. 2021 , 42, 1594-1600	1
219	Multimodality imaging assessment of bicuspid aortic valve disease, thoracic aortic ectasia, and thoracic aortic aneurysmal disease. 2021 , 11, 896-910	
218	3D morphometric analysis of ascending aorta as an adjunctive tool to predict type A acute aortic dissection. 2021 , 13, 3443-3457	2
217	Intra-Operative Video-Based Measurement of Biaxial Strains of the Ascending Thoracic Aorta. 2021 , 9,	O
216	Eventos afticos en el embarazo de pacientes con sfidrome de Marfan. Lecciones de un estudio multichtrico. 2021 ,	O
215	TEVAR Stent to the False Lumen of a Chronic Type B Aortic Dissection With Aneurysmal Dilatation, When no Other Options Are Left. 2021 , 74, 523.e19-523.e25	
214	Trends and Outcomes of Elective Thoracic Aortic Repair and Acute Thoracic Aortic Syndromes in the United States. 2021 , 134, 902-909.e5	2
213	Aortic Dissection: A Review of the Pathophysiology, Management and Prospective Advances. 2021 , 17, e230421186875	5

The role of the aortic area in type A aortic dissection. **2021**, 68, 102642

211	Subclavian artery aneurysmal rupture and left internal mammary artery extravasation secondary to advanced Marfan syndrome. 2021 , 45, 684.e1-684.e3	
210	Hybrid Surgery to Manage Aortic Arch Pathology. 2021 , 57,	
209	2021 ESC/EACTS Guidelines for the management of valvular heart disease. 2021 ,	226
208	Temporal Trends and Outcomes of Elective Thoracic Aortic Repair and Acute Aortic Syndromes in Bicuspid Aortic Valves: Insights from a National Database. 2021 , 10, 531-545	0
207	Echocardiography in Women: How Are Mars and Venus Different?. 2021 , 23, 149	O
206	2021 ESC/EACTS Guidelines for the management of valvular heart disease. 2021 , 60, 727-800	60
205	2020 ACC/AHA guideline for the management of patients with valvular heart disease: A report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. 2021 , 162, e183-e353	22
204	MicroRNAs involve in bicuspid aortic aneurysm: pathogenesis and biomarkers. 2021 , 16, 230	O
203	Non-dissecting large thoracic aortic aneurysm leading to chronic aortic insufficiency presenting as acute heart failure. 2021 , 9, e04626	
202	Prediction of thirty-day mortality risk after thoracic endovascular aortic repair for intact descending thoracic aortic aneurysms: Derivation of risk calculator in the Vascular Quality Initiative. 2021 ,	1
201	Aortic events in pregnant patients with Marfan syndrome. Lessons from a multicenter study. 2021,	
200	Enfermedades de la aorta. 2021 , 13, 2217-2229	
199	Ethnic differences in incidence and outcomes of acute aortic syndromes in the Midland region of New Zealand. 2021 ,	1
198	A Population-Based Study of the Incidence and Natural History of Degenerative Thoracic Aortic Aneurysms. 2021 , 96, 2628-2638	O
197	Fully automated guideline-compliant diameter measurements of the thoracic aorta on ECG-gated CT angiography using deep learning. 2021 , 11, 4245-4257	1
196	All type B aortic dissections should undergo thoracic endovascular aneurysm repair. 2021 , 9, 17-24	0
195	Hemodynamics and stresses in numerical simulations of the thoracic aorta: Stochastic sensitivity analysis to inlet flow-rate waveform. 2021 , 230, 105123	6

(2020-2021)

194	The long-term fate of ascending aorta aneurysm after wrapping versus replacement. 2021,	8
193	Aortic dissection and ruptures in adult congenital heart disease in Texas from 2009 to 2019. 2021 ,	1
192	Ascending aorta mechanics and dimensions in aortopathy - from science to application 2022, 38, 7-13	0
191	Thoracic aortic aneurysm repair in women. 2021 , 13-20	
190	Genetics of Aortic Aneurysmal Disease. 1-10	2
189	Hybrid Repair of Aortic Arch Aneurysms. 486-503	2
188	Vascular Surgical Options. 2007 , 333-346	1
187	Aortic Aneurysms. 2011 , 391-409	2
186	Diseases of the Aorta. 2007 , 1623-1661	2
185	Outflow Tract Anomalies. 2014 , 283-305	2
184	Role of Magnetic Resonance Imaging in Aortic Disease. 2010 , 609-627	1
183	Epidemiology and Natural History of Thoraco-Abdominal Aortic Aneurysms. 2011 , 25-32	3
182	Thoracic aortic aneurysm: unlocking the "silent killer" secrets. 2019 , 67, 1-11	29
181	Pathophysiology, Epidemiology, and Prognosis. 2006 , 543-559	6
180	Thoracic and Thoracoabdominal Aortic Aneurysms. 2010 , 2014-2030	1
179	Aneurysms Caused by Connective Tissue Abnormalities. 2010 , 2168-2184	4
178	Diseases of the Aorta. 2012 , 1309-1337	3
177	Abnormal Aortic Wall Properties in Women with Turner Syndrome. 2020 , 8, 121-131	2

176	Diseases of the Aorta and Trauma to the Aorta and the Heart. 2009, 1173-1214	3
175	Ex Vivo Mechanical Tests and Multiscale Computational Modeling Highlight the Importance of Intramural Shear Stress in Ascending Thoracic Aortic Aneurysms. 2019 ,	5
174	Impact of high blood pressure variability on the occurrence of acute type B aortic dissection. 2020 , 28, 413-420	1
173	Natural history of aortic root aneurysms in Marfan syndrome. 2017 , 6, 625-632	18
172	Current role of endovascular therapy in Marfan patients with previous aortic surgery. 2008, 4, 59-66	17
171	The Role of Thoracic Endovascular Aortic Repair (TEVAR) of Thoracic Aortic Diseases in Patients with Connective Tissue Disorders - A Literature Review. 2020 , 35, 977-985	5
170	Thoracoabdominal aortic aneurysm. 2012 , 1, 277-85	39
169	Natural history of Type B aortic dissection: ten tips. 2014 , 3, 247-54	10
168	Giant Ascending Aortic Aneurysm: Are There Peculiarities in the Developing World?. 2014, 04, 105-111	1
167	Diagnosis and Management of Ruptured Thoracic Aortic Aneurysms. 2021, 447-460	
167 166	Diagnosis and Management of Ruptured Thoracic Aortic Aneurysms. 2021, 447-460 Monitoring and Medical Treatment of Chronic Thoracic, Abdominal, and Thoracoabdominal Aortic Aneurysms. 2021, 461-468	
Í	Monitoring and Medical Treatment of Chronic Thoracic, Abdominal, and Thoracoabdominal Aortic	3
166	Monitoring and Medical Treatment of Chronic Thoracic, Abdominal, and Thoracoabdominal Aortic Aneurysms. 2021 , 461-468 Flow displacement and decreased wall shear stress might be associated with the growth rate of an	3
166	Monitoring and Medical Treatment of Chronic Thoracic, Abdominal, and Thoracoabdominal Aortic Aneurysms. 2021, 461-468 Flow displacement and decreased wall shear stress might be associated with the growth rate of an ascending aortic dilatation. 2021,	3
166 165 164	Monitoring and Medical Treatment of Chronic Thoracic, Abdominal, and Thoracoabdominal Aortic Aneurysms. 2021, 461-468 Flow displacement and decreased wall shear stress might be associated with the growth rate of an ascending aortic dilatation. 2021, Long-Term Imaging of the Aorta: Considerations and Comparison of Modalities. 2021, 189-206 Autophagy Signaling and Oxidative Stress in Thoracic Aortic Aneurysms: Good, Bad, or Ugly?. 2021,	
166 165 164	Monitoring and Medical Treatment of Chronic Thoracic, Abdominal, and Thoracoabdominal Aortic Aneurysms. 2021, 461-468 Flow displacement and decreased wall shear stress might be associated with the growth rate of an ascending aortic dilatation. 2021, Long-Term Imaging of the Aorta: Considerations and Comparison of Modalities. 2021, 189-206 Autophagy Signaling and Oxidative Stress in Thoracic Aortic Aneurysms: Good, Bad, or Ugly?. 2021, 6, 731-733	O
166 165 164 163	Monitoring and Medical Treatment of Chronic Thoracic, Abdominal, and Thoracoabdominal Aortic Aneurysms. 2021, 461-468 Flow displacement and decreased wall shear stress might be associated with the growth rate of an ascending aortic dilatation. 2021, Long-Term Imaging of the Aorta: Considerations and Comparison of Modalities. 2021, 189-206 Autophagy Signaling and Oxidative Stress in Thoracic Aortic Aneurysms: Good, Bad, or Ugly?. 2021, 6, 731-733 Cardiac Surgery in Women in the Current Era: What Are the Gaps in Care?. 2021, 144, 1172-1185 Relative strain is a novel predictor of aneurysmal degeneration of the thoracic aorta: An ex vivo	O

158	Arteriopatās periffica, aftica, renal y carotāea. 2005 , 506-536
157	Inherited Disorders of Connective Tissue. 2007 , 2557-2565
156	Echocardiography in Patients with Inherited Connective Tissue Disorders. 2007, 932-951
155	Diseases of the Thoracic Aorta. 2008 , 1359-1373
154	Compression syndromes of the superior thoracic aperture. 2008 , 428-434
153	Thoracic Aortic Aneurysm. 2008 , 206-213
152	Aortic Regurgitation. 2009, 155-168
151	A Case of Ruptured Thoracic Aortic Aneurysm Requiring Two-Stage Sternal Closure due to Posterior Mediastinal Hematoma. 2009 , 38, 376-379
150	Surgery for rare aneurysm associated with colorectal cancer. 2009 , 15, 5879-81
149	Imagerie des flux aortiques par IRM Application clinique sur la pathologie aortique thoracique. 2009 , 37-47
148	Bibliography. 2009 , 183-184
147	Endovascular Therapy for Thoracic Aortic Aneurysms and Dissections. 2010 , 1129-1141
146	Aortic Disease. 2010 , 188-203
145	Mediastinal and aortic disease. 2010 , 881-1002
144	Aortic Arch Aneurysms and Dissection. 2010 , 2075-2089
143	Thoracic and Thoracoabdominal Aneurysms. 2010 , 2031-2053
142	MSCT for Assessment of Aortic Coarctation, Aneurysms and Dissections. 510-524
141	Endovascular Repair of Thoracic Aortic Aneurysms. 545-555

140	Pathology of Aortic Coarctation, Aneurysm, and Dissection. 485-501	
139	Early and Midterm Results of Hybrid Endovascular Repair for Thoracic Aortic Disease. 2010 , 43, 490-498	1
138	Operative Techniques in Surgery of the Proximal Thoracic Aorta and Aortic Arch. 2011 , 99-121	
137	Clinical Presentation and Evidence-based Indications to Treatment. 2011 , 73-82	
136	Marfan Syndrome. 2011 , 2440-2446.e1	
135	Surgical Treatment of Thoracic Aortic Disease in the Elderly. 2011 , 427-436	1
134	Statistical Analysis of Operative Results. 2011 , 613-630	
133	Treatment and Outcome of Acute Aortic Dissection Associated with Atherosclerotic Aortic Aneurysm. 2011 , 40, 221-226	2
132	Abdominal and Thoracic Aortic Aneurysms. 2012 , 159-189	
131	Thorakale und thorakoabdominelle Aorta. 2012 , 491-523	
130	Surgeon-Modified Fenestrated and Branched Stent Grafts. 2012 , 25-46	2
129	Aortic Vascular Interventions (Thoracic and Abdominal). 2012 , 548-562	
128	Cardiac Surgery. 202-233	
127	Endovascular Stent Grafting of the Thoracic Aorta. 2013 , 125-146	
126	Size Matters: Intervention Thresholds for Dissection Prophylaxis in the Ascending Aorta. 2014 , 67-84	
125	Endovascular and Surgical Therapy of Thoracic and Thoracoabdominal Disease of the Aorta. 2014 , 1-37	
124	The Aortopathy of Bicuspid Aortic Valves. 2014 , 49-65	
123	Diagnosis and treatment of thoracic aortic aneurysm. 2014 , 57, 1014	1

122	Thorakales Aortenaneurysma. 2015 , 1-8	
121	Endovascular and Surgical Therapy of Thoracic and Thoraco-Abdominal Disease of the Aorta. 2015 , 3413-3444	
120	[Decision making algorithm in distal thoracic aortic dissections]. 2016 , 4-10	
119	Rupture of an ascending aortic aneurysm as a cause of sudden death. 2016 , 6, 23-28	1
118	Aortic Aneurysm Disease in the Elderly. 2017 , 127-142	
117	Wall Stress. 2017 , 67-75	
116	In Patients with a Chronic Type B Dissection, Does Endovascular Treatment Reduce Long Term Complications?. 2017 , 13-22	
115	Comparison of immediate and long-term results of stenting and open surgery for thoracic aortic aneurysm. 2017 , 10, 52	1
114	Pregnancy and Delivery. 2017 , 141-153	
113	Mechanisms of Disease and Natural History. 2017 , 19-43	
112	The effect of proximal anastomosis on the expansion rate of a dilated ascending aorta in coronary artery bypass surgery: a prospective study. 2017 , 28, 118-124	
111	Aneurysmen der Aorta descendens und der thorakoabdominellen Aorta: Klinik und Diagnostik. 2018 , 1-8	
110	Aortic Disorder. 2019 , 147-161	
109	Functional Magnetic Resonance Imaging in the Evaluation of the Elastic Properties of Ascending Aortic Aneurysm. 2019 , 34, 451-457	2
108	Ascending Aortic Aneurysm. 2019 , 161-173	1
107	Thoracic Aortic Disease. 2019 , 357-384	
106	Heart Teams for Women Heart Health: Advancing Cardiovascular Prevention and Care for Women. 2019 , 93-108	0
105	Indications for Aortic Surgery and Use of Guidelines. 2019 , 259-275	1

104	Pathophysiology of Ascending Aortic Aneurysm and Dissection. 2019 , 21-43	
103	Inflammation Injury and Selected Disease Processes Causing Aortic Root and Aortic Valvular Inflammation. 2020 , 51-70	
102	Concomitant Wrapping of a Moderately Dilated Ascending Aorta during Aortic Valve Replacement: Postoperative Remodeling of a Distinctive Aorta. 2020 , 61, 40-47	
101	Current technology for endovascular repair of the aortic arch. 2020 , 27,	O
100	Die thorakale Aorta. 2020 , 211-234	
99	Inherited Aortic Disease and Sports Participation. 2020 , 891-905	
98	Massive ascending thoracic aortic aneurysm.	
97	Aneurysmen der Aorta descendens und der thorakoabdominellen Aorta: Klinik und Diagnostik. 2020 , 615-622	
96	(Atypical manifestation of giant aneurysm of the ascending aorta). 2020, 62, 85-88	
95	Blood Pressure, Hypertension and The Risk of Aortic Dissection Incidence and Mortality: results from the Japan-Specific Health Checkups Study, the UK Biobank Study and a Meta-analysis of Cohort Studies. 2021 ,	1
94	Proximal false lumen thrombosis is associated with low false lumen pressure and fewer complications in type B aortic dissection. 2021 ,	1
93	Thoracic Aortic Disease. 728-755	
92	Medical Aspect of the Aortic Diseases: the Follow-Up and Its Warnings. 2006 , 71-79	
91	Gross aortic root dilation in a young woman with acromegaly. 2012 , 17, 257-9	2
90	Patient selection for open thoracoabdominal aneurysm repair. 2012 , 1, 358-64	4
89	Study of ascending aortic elasticity in the Chinese population with a high risk of aortic diseases. 2015 , 8, 3381-90	3
88	How to approach elective and urgent thoracic aortic aneurysms. 2022, 85-99	
87	Mechanical characterization of dissected and dilated human ascending aorta using Fung-type hyperelastic models with pre-identified initial tangent moduli for low-stress distensibility. 2022 , 125, 104959	1

86	Descending Aorta Diameters as Predictor of Late Adverse Outcomes in Patients with Uncomplicated Type B Aortic Dissection: A Systematic Review and Meta-Analysis. 2021 ,	1
85	The diagnostic value of D-dimer in acute aortic dissection: a meta-analysis. 2021 , 16, 343	1
84	Einfluss der bikuspiden und trikuspiden Aortenklappe bei Typ-A-Aortendissektion. 2021 , 35, 358-363	
83	Clinical Features of Tuberculosis Pseudoaneurysm and Risk Factors for Mortality. 2021,	1
82	Surveillance for moderate-sized thoracic aortic aneurysms: Equality is the goal. 2021,	
81	Criteria for endovascular intervention in type B aortic dissection 2022 ,	1
80	Heart Disease and Stroke Statistics-2022 Update: A Report From the American Heart Association 2022 , CIR000000000001052	196
79	Aortic Diseases. 2022 , 476-486	
78	Impact of the coronavirus disease 2019 pandemic on volume of thoracic aortic surgery on a national level 2022 ,	
77	2021 ESC/EACTS Guidelines for the management of valvular heart disease 2021 ,	14
77 76	2021 ESC/EACTS Guidelines for the management of valvular heart disease 2021, Aortic Aneurysms and Aortopathies. 2022, 355-370	14
		14
76	Aortic Aneurysms and Aortopathies. 2022 , 355-370 Distribution and Determinants of Proximal Ascending Aorta Dimensions Among Asian Adults. 2022 ,	14
76 75	Aortic Aneurysms and Aortopathies. 2022, 355-370 Distribution and Determinants of Proximal Ascending Aorta Dimensions Among Asian Adults. 2022, 2, 116-118	14
76 75 74	Aortic Aneurysms and Aortopathies. 2022, 355-370 Distribution and Determinants of Proximal Ascending Aorta Dimensions Among Asian Adults. 2022, 2, 116-118 Commentary: Thoracic aortic surgery is all about the brain 2022, Optimizing evaluation in pediatric and young adult patients with Marfan syndrome: Novel	
76 75 74 73	Aortic Aneurysms and Aortopathies. 2022, 355-370 Distribution and Determinants of Proximal Ascending Aorta Dimensions Among Asian Adults. 2022, 2, 116-118 Commentary: Thoracic aortic surgery is all about the brain 2022, Optimizing evaluation in pediatric and young adult patients with Marfan syndrome: Novel longitudinal metrics to track growth of aortic structures 2022, The prevalence of thoracic aorta aneurysm as an important cardiovascular disease in the general	1
76 75 74 73 72	Aortic Aneurysms and Aortopathies. 2022, 355-370 Distribution and Determinants of Proximal Ascending Aorta Dimensions Among Asian Adults. 2022, 2, 116-118 Commentary: Thoracic aortic surgery is all about the brain 2022, Optimizing evaluation in pediatric and young adult patients with Marfan syndrome: Novel longitudinal metrics to track growth of aortic structures 2022, The prevalence of thoracic aorta aneurysm as an important cardiovascular disease in the general population 2022, 17, 51 Association of Collagen, Elastin, Glycosaminoglycans and Macrophages with Tissue Ultimate	1

68	Differential expansion and outcomes of ascending and descending degenerative thoracic aortic aneurysms 2022 ,	
67	Dilatation of the ascending aorta - Growth rate, risk factors and clinical outcomes in the long-term follow-up 2022 , 150, 110234	
66	Aneurizma gjigande e aort® ascendente torakale. 2021 , 12, 58-65	
65	Arterial stiffness and pulsatile hemodynamics in thoracic aortopathies. 2022 , 713-726	
64	What is the 'normal life expectancy' with ascending aorta disease?. 2022,	
63	Impact of Female Sex on Outcomes of Patients Undergoing Thoracic Endovascular Aortic Aneurysm Repair: A Ten-Year Retrospective Nationwide Study in France 2022 , 11,	1
62	Type A Aortic Dissection After a Transcatheter Aortic Valve Replacement in a Prohibitive Surgical Risk Candidate 2022 ,	
61	Thoracic Aortic Diameter and Cardiovascular Events and Mortality among Women and Men 2022, 210861	O
60	Non-Canonical Allostery in Cyclic Nucleotide Dependent Kinases 2022 , 167584	1
59	Lymphocyte-to-monocyte ratio associated with severe post-stenotic aortic dilation in a case-control study 2022 , 22, 195	
58	Natural history of bicuspid aortic valves and ascending aortic aneurysms: Aortic center experience 2022 ,	O
57	Guä ESC/EACTS 2021 sobre el diagnätico y tratamiento de las valvulopatäs. 2022 ,	О
56	Echocardiography in Patients with Inherited Connective Tissue Disorders. 2017 , 763-780	
55	Effect of COVID-19 on outpatient services in patients with aortovascular disease: a UK multicentre study.	
54	Results of open thoracoabdominal aneurysm repair with left partial cardiopulmonary bypass in a low-volume center. 2022 ,	
53	Sex-Related Differences after Proximal Aortic Surgery: Outcome Analysis of 1773 Consecutive Patients. <i>Annals of Thoracic Surgery</i> , 2022 ,	
52	Aortic local biomechanical properties in ascending aortic aneurysms. 2022,	Ο
51	An evaluation of fiber-based damage for assessing the failure of aortic tissue: comparison between healthy and aneurysmal aortas. 2022 , 4,	O

50	Aneurysms of the aorta: ascending, thoracic, and abdominal and their management. 2022, 353-406	
49	Adventitia-derived extracellular matrix hydrogel enhances contractility of human vasa vasorum-derived pericytes via 史 即 integrin and TGF即eceptor.	O
48	Association of 3-Year All-Cause Mortality and Peak Wall Stresses of Ascending Thoracic Aortic Aneurysms in Veterans. 2022 ,	
47	Tracking an Elusive Killer: State of the Art of Molecular-Genetic Knowledge and Laboratory Role in Diagnosis and Risk Stratification of Thoracic Aortic Aneurysm and Dissection. 2022 , 12, 1785	O
46	MDCT EVALUATION OF AORTIC ROOT AND ASCENDING AORTIC PATHOLOGIES: PICTORIAL ESSAY. 2022 , 86-90	
45	Assessing the Accuracy of an Artificial Intelligence-Based Segmentation Algorithm for the Thoracic Aorta in Computed Tomography Applications. 2022 , 12, 1790	
44	National trends in thoracic aortic aneurysms and dissections in patients with Marfans and Ehlers Danlos syndrome.	O
43	Thoracoabdominal Aortic Disease and Repair. 2022 , 80, 845-856	O
42	Predictors and Rate of Progression of Aortic Root and Ascending Aorta Dilatation. 2022,	
41	The Aortic Wall Conundrum: Predicting Thoracic Aortic Disease Behaviour. 2022,	
41	The Aortic Wall Conundrum: Predicting Thoracic Aortic Disease Behaviour. 2022, The association between cardiac magnetic resonance-derived aortic stiffness parameters and aortic dilation in young adults with bicuspid aortic valve: With and without coarctation of aorta. 2022, 20, 100194	
	The association between cardiac magnetic resonance-derived aortic stiffness parameters and aortic	
40	The association between cardiac magnetic resonance-derived aortic stiffness parameters and aortic dilation in young adults with bicuspid aortic valve: With and without coarctation of aorta. 2022 , 20, 100194 Interaction of the Blood Components with Ascending Thoracic Aortic Aneurysm Wall:	0
40 39	The association between cardiac magnetic resonance-derived aortic stiffness parameters and aortic dilation in young adults with bicuspid aortic valve: With and without coarctation of aorta. 2022, 20, 100194 Interaction of the Blood Components with Ascending Thoracic Aortic Aneurysm Wall: Biomechanical and Fluid Analyses. 2022, 12, 1296 Contemporary indications, techniques, and outcomes of physician-modified endografts for the	0
40 39 38	The association between cardiac magnetic resonance-derived aortic stiffness parameters and aortic dilation in young adults with bicuspid aortic valve: With and without coarctation of aorta. 2022, 20, 100194 Interaction of the Blood Components with Ascending Thoracic Aortic Aneurysm Wall: Biomechanical and Fluid Analyses. 2022, 12, 1296 Contemporary indications, techniques, and outcomes of physician-modified endografts for the treatment of complex abdominal and thoracoabdominal aortic aneurysms. 2022, Endovascular repair of a ruptured, extremely tortuous, descending thoracic aorta aneurysm with	0
40 39 38 37	The association between cardiac magnetic resonance-derived aortic stiffness parameters and aortic dilation in young adults with bicuspid aortic valve: With and without coarctation of aorta. 2022, 20, 100194 Interaction of the Blood Components with Ascending Thoracic Aortic Aneurysm Wall: Biomechanical and Fluid Analyses. 2022, 12, 1296 Contemporary indications, techniques, and outcomes of physician-modified endografts for the treatment of complex abdominal and thoracoabdominal aortic aneurysms. 2022, Endovascular repair of a ruptured, extremely tortuous, descending thoracic aorta aneurysm with aortic coarctation. 2022, 8, 480-483	
40 39 38 37 36	The association between cardiac magnetic resonance-derived aortic stiffness parameters and aortic dilation in young adults with bicuspid aortic valve: With and without coarctation of aorta. 2022, 20, 100194 Interaction of the Blood Components with Ascending Thoracic Aortic Aneurysm Wall: Biomechanical and Fluid Analyses. 2022, 12, 1296 Contemporary indications, techniques, and outcomes of physician-modified endografts for the treatment of complex abdominal and thoracoabdominal aortic aneurysms. 2022, Endovascular repair of a ruptured, extremely tortuous, descending thoracic aorta aneurysm with aortic coarctation. 2022, 8, 480-483 Endovascular Repair of Descending Thoracic Aortic Aneurysms. 2022, 56, 129-150 Discrepancy of echocardiography and computed tomography in initial assessment and 2-year	0

32	The Echocardiographic Evaluation of Aortic Aneurysm.	0
31	Patients with Bicuspid Aortopathy and Aortic Dilatation. 2022 , 11, 6002	Ο
30	Exercise Blood Pressure Changes and Aortic Dilatation in Male Masters Endurance Athletes.	0
29	Risk Factors for Thoracic Aortic Dissection. 2022 , 13, 1814	O
28	The effect of smoking on quantification of aortic stiffness by ultrasound time-harmonic elastography. 2022 , 12,	1
27	2022 ACC/AHA Guideline for the Diagnosis and Management of Aortic Disease. 2022 ,	3
26	2022 ACC/AHA Guideline for the Diagnosis and Management of Aortic Disease: A Report of the American Heart Association/American College of Cardiology Joint Committee on Clinical Practice Guidelines.	12
25	Long-Term Outcomes of Chronic Type B Aortic Dissection Treated by Thoracic Endovascular Aortic Repair.	O
24	Risk Prediction Models for Management of Patients following Acute Aortic Dissection. 2022, 10, 210-218	0
23	Ascending Aortic Aneurysm With Dissection in the Second Trimester of Pregnancy. 2022,	O
22	Open Versus Endovascular Repair of Descending Thoracic Aneurysms: Analysis of Outcomes. 2022,	0
21	The Natural History of Bicuspid Aortic Valve Disease. 2022 , 100119	O
20	Ascending Aorta Dissection Before 5.5 cm Diameter; It Wasn I Raining When Noah Built the Ark I 2022 ,	O
19	Ascending Aortic Aneurysms < 4.5 cm for Non-syndromic Adults: Very Slow Growth and Low Risk.	O
18	Augmentation Index in Patients with Thoracic Aortic Aneurysm: A Matched Case-Control Study. 2023 , 10, 6	0
17	Readmission following early thoracic endovascular aortic repair versus medical management of acute type B aortic dissection. 2023 ,	O
16	Two-Valves Solution for Unstable Self-Expandable Valve and Aortic Root Aneurysm. 2023, 119-129	0
15	Endovascular Technique for Ascending Aorta Repair Based on TEVAR and TAVI Procedures. 1526602822114	830

CITATION REPORT

14	Gender differences in acute aortic syndromes. Publish Ahead of Print,	О
13	Heart Disease and Stroke Statistics 2023 Update: A Report From the American Heart Association.	9
12	Thoracic Aorta and Its Branches. 2013 , 701-718	О
11	Imaging the Postoperative Thoracic Aorta. 2013 , 394-411	Ο
10	Agreement of Proximal Thoracic Aorta Size by Two-Dimensional Transthoracic Echocardiography and Magnetic Resonance Angiography. 2023 , 193, 28-33	0
9	Mid-term outcomes of an alternative remodelling technique for aortic root replacement without coronary ostial mobilisation or reimplantation. 2023 , 18,	O
8	Microstructure-based engineering of soft biological materials. 2022 , 47, 1-8	0
7	Actionable imaging findings in the daily PET/CT scenario. 2023 , 11, 127-139	Ο
6	Natural history of isolated abdominal aortic dissection: A prospective cohort study. 10,	0
5	Sex-Related Differences in Clinical Outcomes After Thoracic Endovascular Aortic Repair. 2023 , 12,	1
4	Elective ascending aortic aneurysm repair outcomes in a nationwide US cohort. heartjnl-2022-322033	O
3	Longitudinal analysis of thoracic aortic expansion in non-syndromic real-world patients. 2023 , 9, e15823	O
2	Effect of hypertension on the delamination and tensile strength of ascending thoracic aortic aneurysm with a focus on right lateral region. 2023 , 154, 111615	О
1	Elective Thoracic Aortic Aneurysm Surgery: A Tertiary Center Experience. 2023,	О