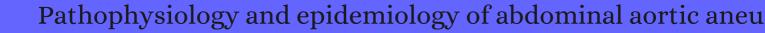
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#	Paper	IF	Citations
566	Interaction of the inflammasome genes CARD8 and NLRP3 in abdominal aortic aneurysms. <b>2011</b> , 218, 123-6		51
565	Mast cell density and distribution in human abdominal aortic aneurysm. 2011,		1
564	Etiology and Pathogenisis of Aortic Aneurysm. <b>2011</b> ,		
563	Polychlorinated biphenyl 77 augments angiotensin II-induced atherosclerosis and abdominal aortic aneurysms in male apolipoprotein E deficient mice. <b>2011</b> , 257, 148-54		21
562	Doubts and dilemmas over abdominal aortic aneurysm. <b>2011</b> , 98, 607-8		33
561	The management of abdominal aortic aneurysms. <b>2011</b> , 342, d1384		16
560	Integrin-targeted imaging of inflammation in vascular remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 2820-6	9.4	35
559	Pathogenesis of abdominal aortic aneurysms: role of nicotine and nicotinic acetylcholine receptors. <b>2012</b> , 2012, 103120		32
558	Inhibition of Notch1 signaling reduces abdominal aortic aneurysm in mice by attenuating macrophage-mediated inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 3012	-2 <sup>3·4</sup>	55
557	Anemia is associated with mortality following endovascular repair of abdominal aortic aneurysm. <i>Vascular and Endovascular Surgery</i> , <b>2012</b> , 46, 223-8	1.4	15
556	Experimental abdominal aortic aneurysm formation is mediated by IL-17 and attenuated by mesenchymal stem cell treatment. <b>2012</b> , 126, S38-45		105
555	Deficiency of cathepsin S attenuates angiotensin II-induced abdominal aortic aneurysm formation in apolipoprotein E-deficient mice. <b>2012</b> , 96, 401-10		75
554	Elevation of plasma high-density lipoproteins inhibits development of experimental abdominal aortic aneurysms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 2678-86	9.4	31
553	Seasonal Variations of the Incidence of Ruptured Abdominal Aortic Aneurysm at the Territory of the South Serbia. <b>2012</b> , 29,		2
552	Hypertension: quo vadis?. <b>2012</b> , 10, 739-42		2
551	Hyperhomocysteinemia exaggerates adventitial inflammation and angiotensin II-induced abdominal aortic aneurysm in mice. <b>2012</b> , 111, 1261-73		100
550	Activation of AMP-activated protein kinase 2 by nicotine instigates formation of abdominal aortic aneurysms in mice in vivo. <b>2012</b> , 18, 902-10		181

549	Reply. Journal of Vascular Surgery, <b>2012</b> , 56, 898-899	3.5	
548	Regarding "Long-term incidence of myocardial infarct, stroke, and mortality in patients operated on for abdominal aortic aneurysms". <i>Journal of Vascular Surgery</i> , <b>2012</b> , 56, 897-8; author reply 898-9	3.5	
547	The influence of smoking on endovascular abdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , <b>2012</b> , 55, 1581-6	3.5	22
546	Low level laser arrests abdominal aortic aneurysm by collagen matrix reinforcement in apolipoprotein E-deficient mice. <b>2012</b> , 44, 664-74		15
545	Trends in aortic aneurysm- and dissection-related mortality in the state of SB Paulo, Brazil, 1985-2009: multiple-cause-of-death analysis. <b>2012</b> , 12, 859		11
544	Endurance exercise training in patients with small abdominal aortic aneurysm: a randomized controlled pilot study. <b>2012</b> , 93, 2148-53		40
543	Critical sequences of phenomena in the progression of atherosclerotic lesions, with reference to the role of microvessels. <b>2012</b> , 79, 535-8		1
542	In vivo imaging of macrophages during the early-stages of abdominal aortic aneurysm using high resolution MRI in ApoE mice. <b>2012</b> , 7, e33523		21
541	A tissue-engineered aneurysm model for evaluation of endovascular devices. <b>2012</b> , 100, 3189-96		6
540	Regional variation in the incidence of abdominal aortic aneurysm in Sweden. <b>2012</b> , 99, 647-53		15
539	Regional variation in the incidence of abdominal aortic aneurysm in Sweden (Br J Surg 2012; 99: 647-653). <b>2012</b> , 99, 654		1
538	[Contained chronic rupture and acute occlusion of an abdominal aortic aneurysm]. 2012, 54, 285-6		1
537	Matrix metalloproteinase inhibition therapy for vascular diseases. <b>2012</b> , 56, 232-44		123
536	Impact of cardiovascular risk factors on vessel wall inflammation and calcified plaque burden differs across vascular beds: a PET-CT study. <b>2013</b> , 29, 1899-908		24
535	Impact of inherited genetic variants associated with lipid profile, hypertension, and coronary artery disease on the risk of intracranial and abdominal aortic aneurysms. <b>2013</b> , 6, 264-70		21
534	Impaired renal function is associated with mortality and morbidity after endovascular abdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , <b>2013</b> , 58, 879-85	3.5	38
533	Impaired high-density lipoprotein anti-oxidant capacity in human abdominal aortic aneurysm. <b>2013</b> , 100, 307-15		34
532	Atmospheric pressure and infra-renal abdominal aortic aneurysm rupture: a single observational study and a comprehensive review of literature. <b>2013</b> , 11, 458-62		15

531	Exploring smooth muscle phenotype and function in a bioreactor model of abdominal aortic aneurysm. <b>2013</b> , 11, 208		45
530	Obesity and abdominal aortic aneurysm. <b>2013</b> , 100, 360-6		55
529	The calcium chloride-induced rodent model of abdominal aortic aneurysm. 2013, 226, 29-39		62
528	Aneurysmal disease is associated with lower carotid intima-media thickness than occlusive arterial disease. <i>Journal of Vascular Surgery</i> , <b>2013</b> , 57, 642-7	3.5	4
527	Coarctation-induced degenerative abdominal aortic aneurysm in a porcine model. <i>Journal of Vascular Surgery</i> , <b>2013</b> , 57, 806-815.e1	3.5	9
526	Microvascular COX-2/mPGES-1/EP-4 axis in human abdominal aortic aneurysm. <b>2013</b> , 54, 3506-15		27
525	Temperature and abdominal aortic aneurysm rupture: A myth or reality. 2013, 1, 48-51		
524	Infra-renal abdominal aortic aneurysm dilation ratio (AADR): A different measurement technique for intervention. <b>2013</b> , 1, 59-62		
523	Biochemistry and molecular biology of gelatinase B or matrix metalloproteinase-9 (MMP-9): the next decade. <b>2013</b> , 48, 222-72		465
522	Association between advanced age and vascular disease in different arterial territories: a population database of over 3.6 million subjects. <b>2013</b> , 61, 1736-43		162
521	Cathepsins: a new culprit behind abdominal aortic aneurysm. <b>2013</b> , 1, 5		10
520	Abdominal aortic aneurysms-gender aspects on prevalence, treatment, and concurrent aneurysms. <b>2013</b> , 61, 15-21		6
519	Cysteine protease cathepsins and matrix metalloproteinases in the development of abdominal aortic aneurysms. <b>2013</b> , 9, 89-103		25
518	Calpain-2 compensation promotes angiotensin II-induced ascending and abdominal aortic aneurysms in calpain-1 deficient mice. <b>2013</b> , 8, e72214		14
517	Role of proinflammatory CD68(+) mannose receptor(-) macrophages in peroxiredoxin-1 expression and in abdominal aortic aneurysms in humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 431-8	9.4	54
516	Aortic aneurysm: an independent predictor of a looped brachiocephalic trunk in patients undergoing transradial coronary angiography. <b>2013</b> , 24, 602-5		1
515	Fruit and vegetable consumption with risk of abdominal aortic aneurysm. <b>2013</b> , 128, 795-802		26
514	Natural regulatory T cells limit angiotensin II-induced aneurysm formation and rupture in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 2374-9	9.4	75

513	Kruppel-like factor 15 is critical for vascular inflammation. <b>2013</b> , 123, 4232-41	55
512	Lessons from Animal Models of Arterial Aneurysm. <b>2013</b> , 1, 244-54	7
511	Combination therapy with atorvastatin and amlodipine suppresses angiotensin II-induced aortic aneurysm formation. <b>2013</b> , 8, e72558	19
510	Inflammation and the absence of edema in the abdominal aortic aneurysm as determined by T2-weighted cardiovascular magnetic resonance imaging. <b>2013</b> , 3,	
509	Enhanced recovery after elective open surgical repair of abdominal aortic aneurysm: a complementary overview through a pooled analysis of proportions from case series studies. <b>2014</b> , 9, e98006	11
508	Establishment of a new murine elastase-induced aneurysm model combined with transplantation. <b>2014</b> , 9, e102648	3
507	Socioeconomic deprivation and the incidence of 12 cardiovascular diseases in 1.9 million women and men: implications for risk prediction and prevention. <b>2014</b> , 9, e104671	81
506	Inflammatory aortic abdominal aneurysm - immunophenotypic characterization of inflammatory infiltrate. <b>2014</b> , 10, 1258-62	2
505	Abdominal aortic aneurysms targeted by functionalized polysaccharide microparticles: a new tool for SPECT imaging. <b>2014</b> , 4, 592-603	27
504	Matrix metalloproteinases and their inhibitors in cardiovascular pathologies: current knowledge and clinical potential. <b>2014</b> , 21	7
503	The National Health Service Abdominal Aortic Aneurysm Screening Programme in England. <b>2014</b> , 19, 528-533	3
502	Early prediction of survival after open surgical repair of ruptured abdominal aortic aneurysms. <b>2014</b> , 14, 92	6
501	Active smoking increases microsomal PGE2-synthase-1/PGE-receptor-4 axis in human abdominal aortic aneurysms. <b>2014</b> , 2014, 316150	8
500	The alpha-2-antiplasmin Arg407Lys polymorphism is associated with abdominal aortic aneurysm. <b>2014</b> , 134, 723-8	8
499	Inhibiting the Th17/IL-17A-related inflammatory responses with digoxin confers protection against experimental abdominal aortic aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology,</i> <b>2014</b> , 34, 2429-38	47
498	Deletion of chromosome 9p21 noncoding cardiovascular risk interval in mice alters Smad2 signaling and promotes vascular aneurysm. <b>2014</b> , 7, 799-805	10
497	Caveolin 1 is critical for abdominal aortic aneurysm formation induced by angiotensin II and inhibition of lysyl oxidase. <b>2014</b> , 126, 785-94	37
496	Multifactorial relationship between 18F-fluoro-deoxy-glucose positron emission tomography signaling and biomechanical properties in unruptured aortic aneurysms. <b>2014</b> , 7, 82-91	50

495	18F-FDG PET-CT uptake is a feature of both normal diameter and aneurysmal aortic wall and is not related to aneurysm size. <b>2014</b> , 41, 2310-8	30
494	Equivocal usefulness of FDG for the noninvasive imaging of abdominal aortic aneurysms. <b>2014</b> , 41, 2307-9	2
493	MedikamentBe Therapie zur Risikoreduktion und Progressionshemmung nicht interventionspflichtiger abdomineller Aortenaneurysmen. <b>2014</b> , 19, 568-572	
492	Population risk factor estimates for abdominal aortic aneurysm from electronic medical records: a case control study. <b>2014</b> , 14, 174	13
491	Low levels of high-density lipoprotein cholesterol predict the presence of coronary artery disease in patients with aortic aneurysms. <b>2014</b> , 65, 710-5	4
490	Real risks and benefits of screening for abdominal aortic aneurysm in men. <b>2014</b> , 2, 19-23	1
489	Lower atherosclerotic burden in familial abdominal aortic aneurysm. <i>Journal of Vascular Surgery</i> , <b>2014</b> , 59, 589-93	11
488	Preoperative infra- and suprarenal aortic pulsatile distension is comparable between relatively young and older patients with an abdominal aortic aneurysm. <b>2014</b> , 28, 845-9	2
487	A review of current reporting of abdominal aortic aneurysm mortality and prevalence in the literature. <b>2014</b> , 47, 240-2	51
486	Emergence of molecular imaging of aortic aneurysm: implications for risk stratification and management. <b>2014</b> , 21, 251-67; quiz 268-70	23
485	Recent highlights of ATVB: aneurysms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 691-4 <sub>9.4</sub>	20
484	Disruption of TGF-Bignaling in smooth muscle cell prevents elastase-induced abdominal aortic aneurysm. <b>2014</b> , 454, 137-43	25
483	Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 2509-19	25
482	HDL quantity and function are potential therapeutic targets for abdominal aortic aneurysm. <b>2014</b> , 176, 1070-1	3
481	Meta-analysis of peak wall stress in ruptured, symptomatic and intact abdominal aortic aneurysms. <b>2014</b> , 101, 1350-7; discussion 1357	73
480	Mechanistic perspectives of calorie restriction on vascular homeostasis. <b>2014</b> , 57, 742-54	9
479	Influence of cardiovascular risk factors on levels of matrix metalloproteinases 2 and 9 in human abdominal aortic aneurysms. <b>2014</b> , 48, 374-81	20
478	The genetic basis for aortic aneurysmal disease. <b>2014</b> , 100, 916-22	47

## (2015-2014)

477	Leukocyte mimetic polysaccharide microparticles tracked in vivo on activated endothelium and in abdominal aortic aneurysm. <b>2014</b> , 10, 3535-45	26
476	Comparison of the impact of open and endovascular abdominal aortic aneurysm repair on renal function. <i>Journal of Vascular Surgery</i> , <b>2014</b> , 60, 597-603	35
475	Risk factors associated with the diagnosis of abdominal aortic aneurysm in patients screened at a regional Veterans Affairs health care system. <b>2014</b> , 28, 87-92	49
474	Familial abdominal aortic aneurysm is associated with more complications after endovascular aneurysm repair. <i>Journal of Vascular Surgery</i> , <b>2014</b> , 59, 275-82	18
473	Adiponectin attenuates abdominal aortic aneurysm formation in hyperlipidemic mice. <b>2014</b> , 235, 339-46	12
472	Impact of obstructive sleep apnea on abdominal aortic diameters. <b>2014</b> , 114, 618-23	15
47 <sup>1</sup>	Arrest of progression of pre-induced abdominal aortic aneurysm in apolipoprotein E-deficient mice by low level laser phototherapy. <b>2014</b> , 46, 781-90	7
47°	Update 🗈 bdominelles Aortenaneurysma. <b>2014</b> , 3, 45-49	
469	Randomized clinical trial of mast cell inhibition in patients with a medium-sized abdominal aortic aneurysm. <b>2015</b> , 102, 894-901	43
468	Polymorphisms in the interleukin-10 gene and chronic periodontitis in patients with atherosclerotic and aortic aneurysmal vascular diseases. <b>2015</b> , 7, 26051	10
467	Increased Expression of Lamin A/C Correlate with Regions of High Wall Stress in Abdominal Aortic Aneurysms. <b>2015</b> , 3, 152-66	2
466	Contrast-enhanced Ultrasound in Detecting Endoleaks with Failed Computed Tomography Angiography Diagnosis after Endovascular Abdominal Aortic Aneurysm Repair. <b>2015</b> , 128, 2491-7	10
465	Histological analysis of extracranial carotid artery aneurysms. <b>2015</b> , 10, e0117915	22
464	Expression and Cellular Localization of 15-Hydroxy-Prostaglandin-Dehydrogenase in Abdominal Aortic Aneurysm. <b>2015</b> , 10, e0136201	3
463	Genetic and Environmental Effects on the Abdominal Aortic Diameter Development. 2016, 106, 13-7	2
462	Segmental aortic stiffening contributes to experimental abdominal aortic aneurysm development. <b>2015</b> , 131, 1783-95	90
461	Risk profiles for aortic dissection and ruptured or surgically treated aneurysms: a prospective cohort study. <b>2015</b> , 4, e001513	162
460	CXCR4: A Potential Marker for Inflammatory Activity in Abdominal Aortic Aneurysm Wall. <b>2015</b> , 50, 745-53	11

459	Imaging vessel wall biology to predict outcome in abdominal aortic aneurysm. 2015, 8,		27
458	Macrophage inflammasome mediates hyperhomocysteinemia-aggravated abdominal aortic aneurysm. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 81, 96-106	5.8	39
457	ApoB-100-related peptide vaccine protects against angiotensin II-induced aortic aneurysm formation and rupture. <b>2015</b> , 65, 546-56		18
456	Type 2 diabetes and incidence of cardiovascular diseases: a cohort study in 1D million people. <b>2015</b> , 3, 105-13		585
455	Metalloproteinases promote plaque rupture and myocardial infarction: A persuasive concept waiting for clinical translation. <b>2015</b> , 44-46, 157-66		77
454	Contradictory effects of hypercholesterolemia and diabetes mellitus on the progression of abdominal aortic aneurysm. <b>2015</b> , 115, 399-401		7
453	Trace elements in the wall of abdominal aortic aneurysms with and without coexisting iliac artery aneurysms. <b>2015</b> , 165, 119-22		2
452	Receptor-interacting protein kinase 3 contributes to abdominal aortic aneurysms via smooth muscle cell necrosis and inflammation. <b>2015</b> , 116, 600-11		68
451	Divergent roles of matrix metalloproteinase 2 in pathogenesis of thoracic aortic aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 888-98	9.4	63
45 <sup>0</sup>	Circulating Biomarkers and Abdominal Aortic Aneurysm Incidence: The Atherosclerosis Risk in Communities (ARIC) Study. <b>2015</b> , 132, 578-85		67
449	PET Imaging of Abdominal Aortic Aneurysm with 64Cu-Labeled Anti-CD105 Antibody Fab Fragment. <b>2015</b> , 56, 927-32		30
448	[Complications following aortic reconstruction surgery]. 2015, 86, 626-32		
447	The potential role of DNA methylation in abdominal aortic aneurysms. 2015, 16, 11259-75		22
446	Hypertension overrides the protective effect of female hormones on the development of aortic aneurysm secondary to Alk5 deficiency via ERK activation. <b>2015</b> , 308, H115-25		14
445	Angiotensin II mobilizes spleen monocytes to promote the development of abdominal aortic aneurysm in Apoe-/- mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology,</i> <b>2015</b> , 35, 378-88	9.4	60
444	Plasma microRNAs serve as potential biomarkers for abdominal aortic aneurysm. <b>2015</b> , 48, 988-92		37
443	Therapeutic Prospect of Adipose-Derived Stromal Cells for the Treatment of Abdominal Aortic Aneurysm. <b>2015</b> , 24, 1493-505		18
442	Dietary supplementation with omega-3 polyunsaturated fatty acids modulate matrix metalloproteinase immunoreactivity in a mouse model of pre-abdominal aortic aneurysm. <b>2015</b> , 24, 377	'-85	12

## (2016-2015)

441	systemic review and meta-analysis. <b>2015</b> , 39, 794-801		13
440	Aortic iron overload with oxidative stress and inflammation in human and murine abdominal aortic aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology,</i> <b>2015</b> , 35, 1507-14	9.4	50
439	Thrombospondin-1 (TSP1) contributes to the development of vascular inflammation by regulating monocytic cell motility in mouse models of abdominal aortic aneurysm. <b>2015</b> , 117, 129-41		66
438	Andrographolide Ameliorates Abdominal Aortic Aneurysm Progression by Inhibiting Inflammatory Cell Infiltration through Downregulation of Cytokine and Integrin Expression. <b>2016</b> , 356, 137-47		17
437	Chemokines. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, e52-6	9.4	28
436	9p21.3 Coronary Artery Disease Risk Variants Disrupt TEAD Transcription Factor-Dependent Transforming Growth Factor Regulation of p16 Expression in Human Aortic Smooth Muscle Cells. <b>2015</b> , 132, 1969-78		31
435	Long-Term Renal Function after Endovascular Aneurysm Repair. <b>2015</b> , 10, 1930-6		31
434	PPAR-Lagonist attenuates inflammation in aortic aneurysm patients. <b>2015</b> , 63, 565-71		24
433	An update on the etiology of abdominal aortic aneurysms: implications for future diagnostic testing. <b>2015</b> , 13, 1079-90		6
	The effect of chemotherapy for malignancy on the natural history of aortic aneurysm. <i>Journal of</i>		
432	Vascular Surgery, <b>2015</b> , 61, 50-7	3.5	8
432		3·5 3·5	31
	Vascular Surgery, 2015, 61, 50-7  The Abdominal Aortic Aneurysm Statistically Corrected Operative Risk Evaluation (AAA SCORE) for predicting mortality after open and endovascular interventions. Journal of Vascular Surgery, 2015, 61, 35-43		
431	Vascular Surgery, 2015, 61, 50-7  The Abdominal Aortic Aneurysm Statistically Corrected Operative Risk Evaluation (AAA SCORE) for predicting mortality after open and endovascular interventions. Journal of Vascular Surgery, 2015, 61, 35-43		31
431	Vascular Surgery, 2015, 61, 50-7  The Abdominal Aortic Aneurysm Statistically Corrected Operative Risk Evaluation (AAA SCORE) for predicting mortality after open and endovascular interventions. Journal of Vascular Surgery, 2015, 61, 35-43  Aneurysm miRNA Signature Differs, Depending on Disease Localization and Morphology. 2016, 17,		31
431 430 429	Vascular Surgery, 2015, 61, 50-7  The Abdominal Aortic Aneurysm Statistically Corrected Operative Risk Evaluation (AAA SCORE) for predicting mortality after open and endovascular interventions. Journal of Vascular Surgery, 2015, 61, 35-43  Aneurysm miRNA Signature Differs, Depending on Disease Localization and Morphology. 2016, 17,  Laparoscopic surgery for abdominal aortic aneurysm. 2016,		31 15 1
431 430 429 428	Vascular Surgery, 2015, 61, 50-7  The Abdominal Aortic Aneurysm Statistically Corrected Operative Risk Evaluation (AAA SCORE) for predicting mortality after open and endovascular interventions. Journal of Vascular Surgery, 2015, 61, 35-43  Aneurysm miRNA Signature Differs, Depending on Disease Localization and Morphology. 2016, 17,  Laparoscopic surgery for abdominal aortic aneurysm. 2016,  Abdominal Aortic Aneurysms and Risk Factors for Adverse Events. 2016, 24, 88-93  Prediction of abdominal aortic aneurysm calcification by means of variation of high-sensitivity		31 15 1
431 430 429 428 427	The Abdominal Aortic Aneurysm Statistically Corrected Operative Risk Evaluation (AAA SCORE) for predicting mortality after open and endovascular interventions. <i>Journal of Vascular Surgery</i> , 2015, 61, 35-43  Aneurysm miRNA Signature Differs, Depending on Disease Localization and Morphology. 2016, 17,  Laparoscopic surgery for abdominal aortic aneurysm. 2016,  Abdominal Aortic Aneurysms and Risk Factors for Adverse Events. 2016, 24, 88-93  Prediction of abdominal aortic aneurysm calcification by means of variation of high-sensitivity C-reactive protein. 2016, 5, 2048004016682177		31 15 1

423	Surveillance outcomes of small abdominal aortic aneurysms identified from a large screening program. <i>Journal of Vascular Surgery</i> , <b>2016</b> , 63, 55-61		9
422	Induction of histone deacetylases (HDACs) in human abdominal aortic aneurysm: therapeutic potential of HDAC inhibitors. <b>2016</b> , 9, 541-52		36
421	Nationwide Study on the Risk of Abdominal Aortic Aneurysms in Patients With Psoriasis.  Arteriosclerosis, Thrombosis, and Vascular Biology, <b>2016</b> , 36, 1043-8		15
420	Abdominal aortic aneurysm. <b>2016</b> , 9, 298-302		
419	Down-regulation of Fibulin-5 is associated with aortic dilation: role of inflammation and epigenetics. <b>2016</b> , 110, 431-42		27
418	Calorie restriction protects against experimental abdominal aortic aneurysms in mice. <b>2016</b> , 213, 2473-248	8	38
417	Large animal models of cardiovascular disease. <b>2016</b> , 34, 113-32		67
416	Smoking: A risk factor for vascular disease. <b>2016</b> , 34, 79-86		12
415	Extending Abdominal Aortic Aneurysm Detection to Older Age Groups: Preliminary Results from the Liße Screening Programme. <b>2016</b> , 36, 55-63		10
414	Association of 1166A>C ATR, -1562C>T MMP-9, ACE I/D, and CCR5B2 Polymorphisms with Abdominal Aortic Aneurysm in Croatian Patients. <b>2016</b> , 20, 616-623		2
413	Elevated Adiponectin Levels Suppress Perivascular and Aortic Inflammation and Prevent Angli-induced Advanced Abdominal Aortic Aneurysms. <b>2016</b> , 6, 31414		11
412	Age-Associated Sirtuin 1 Reduction in Vascular Smooth Muscle Links Vascular Senescence and Inflammation to Abdominal Aortic Aneurysm. <b>2016</b> , 119, 1076-1088		130
411	Monocyte count-to-high-density lipoprotein-cholesterol ratio is associated with abdominal aortic aneurysm size. <b>2016</b> , 10, 1039-1047		15
410	Extra- and Intraluminal Elastase Induce Morphologically Distinct Abdominal Aortic Aneurysms in Mice and Thus Represent Specific Subtypes of Human Disease. <b>2016</b> , 53, 49-57		17
409	NOR-1/NR4A3 regulates the cellular inhibitor of apoptosis 2 (cIAP2) in vascular cells: role in the survival response to hypoxic stress. <b>2016</b> , 6, 34056		17
408	Patency of the contralateral internal iliac artery in aortouni-iliac endografting. <i>Journal of Vascular Surgery</i> , <b>2016</b> , 63, 974-82		5
407	Prevalence of Abdominal Aortic Aneurysm in Men Aged 65-74 Years in a Metropolitan Area in North-East Spain. <b>2016</b> , 52, 75-81		9
406	Baicalein protects against the development of angiotensin II-induced abdominal aortic aneurysms by blocking JNK and p38 MAPK signaling. <b>2016</b> , 59, 940-9		14

405	[In Process Citation]. <b>2016</b> , 28 Suppl 1, 1-49	0
404	Novel Molecular Imaging Approaches to Abdominal Aortic Aneurysm Risk Stratification. <b>2016</b> , 9, e003023	12
403	Hemodynamic impact of abdominal aortic aneurysm stent-graft implantation-induced stenosis.  Medical and Biological Engineering and Computing, 2016, 54, 1523-32	11
402	Micro-RNAs in abdominal aortic aneurysms: insights from animal models and relevance to human disease. <b>2016</b> , 110, 165-77	39
401	A multi-locus genetic risk score for abdominal aortic aneurysm. <b>2016</b> , 246, 274-9	7
400	A systematic review of the use of resuscitative endovascular balloon occlusion of the aorta in the management of hemorrhagic shock. <b>2016</b> , 80, 324-34	183
399	Mouse Models of Vascular Diseases. 2016,	2
398	Heterogeneous impact of classic atherosclerotic risk factors on different arterial territories: the EPIC-Norfolk prospective population study. <b>2016</b> , 37, 880-9	24
397	Endovascular grafts for abdominal aortic aneurysm. <b>2016</b> , 37, 145-51	17
396	Family history of atherosclerotic vascular disease is associated with the presence of abdominal aortic aneurysm. <b>2016</b> , 21, 41-6	3
395	SDF1-3'A polymorphism is associated with size but not occurrence of abdominal aortic aneurysm in a Chinese population. <i>Journal of Vascular Surgery</i> , <b>2016</b> , 64, 479-483	1
394	Protective effect of melatonin on the development of abdominal aortic aneurysm in a rat model. <b>2017</b> , 209, 266-278.e1	11
393	The vascular evolution of an extended flap on the dorsum of rats and the potential involvement of MMP-2 and MMP-9. <b>2017</b> , 112, 20-29	2
392	High density lipoproteins are modulators of protease activity: Implications in inflammation, complement activation, and atherothrombosis. <b>2017</b> , 259, 104-113	37
391	Role of Simulation in Endovascular Aneurysm Repair (EVAR) Training: A Preliminary Study. <b>2017</b> , 53, 193-198	31
390	Ruptured Abdominal Aortic Aneurysm. 2017,	2
389	Risk Factors for Abdominal Aortic Aneurysm in the Korean Population. 2017, 41, 135-140	8
388	Human Adipose-Derived Stem Cells Suppress Elastase-Induced Murine Abdominal Aortic Inflammation and Aneurysm Expansion Through Paracrine Factors. <b>2017</b> , 26, 173-189	23

387	Abdominal aortic aneurysm and omega-3 polyunsaturated fatty acids: Mechanisms, animal models, and potential treatment. <b>2017</b> , 118, 1-9	19
386	Monocytes and macrophages in abdominal aortic aneurysm. <i>Nature Reviews Cardiology</i> , <b>2017</b> , 14, 457-47 <u>1</u> 4.8	173
385	Lp-PLA activity and mass for prediction of incident abdominal aortic aneurysms: A prospective longitudinal cohort study. <b>2017</b> , 262, 14-18	9
384	Identification of EGFLAM, SPATC1L and RNASE13 as novel susceptibility loci for aortic aneurysm in Japanese individuals by exome-wide association studies. <b>2017</b> , 39, 1091-1100	9
383	Vessel wall morphology is equivalent for different artery types and localizations of advanced human aneurysms. <b>2017</b> , 148, 425-433	7
382	Laparoscopic surgery for elective abdominal aortic aneurysm repair. <b>2017</b> , 5, CD012302	5
381	Multi-modality molecular imaging of aortic aneurysms. <b>2017</b> , 24, 1239-1245	10
380	The Paraoxonase Gene Cluster Protects Against Abdominal Aortic Aneurysm Formation.  **Arteriosclerosis, Thrombosis, and Vascular Biology, <b>2017</b> , 37, 291-300  9-4	13
379	Gingival fibroblasts protect against experimental abdominal aortic aneurysm development and rupture through tissue inhibitor of metalloproteinase-1 production. <b>2017</b> , 113, 1364-1375	11
378	Endovascular treatment for ruptured abdominal aortic aneurysm. <b>2017</b> , 5, CD005261	16
377	Resuscitative endovascular balloon occlusion of the aorta for major abdominal venous injury in a porcine hemorrhagic shock model. <b>2017</b> , 83, 230-236	34
376	Passive smoking and mortality from aortic dissection or aneurysm. <b>2017</b> , 263, 145-150	16
375	Preclinical Evaluation of RYM1, a Matrix Metalloproteinase-Targeted Tracer for Imaging Aneurysm. <b>2017</b> , 58, 1318-1323	18
374	Genetic variants associated with type 2 diabetes and adiposity and risk of intracranial and abdominal aortic aneurysms. <b>2017</b> , 25, 758-762	11
373	Application of Metabolic Profiling to Abdominal Aortic Aneurysm Research. 2017, 16, 2325-2332	8
372	Abnormal kynurenine pathway of tryptophan catabolism in cardiovascular diseases. <b>2017</b> , 74, 2899-2916	82
371	New Mouse Model of Abdominal Aortic Aneurysm: Put Out to Expand. <i>Arteriosclerosis, Thrombosis, and Vascular Biology,</i> <b>2017</b> , 37, 1990-1993	2
370	Unspliced XBP1 Confers VSMC Homeostasis and Prevents Aortic Aneurysm Formation via FoxO4 Interaction. <b>2017</b> , 121, 1331-1345	47

369	Vascular ADAM17 (a Disintegrin and Metalloproteinase Domain 17) Is Required for Angiotensin II/EAminopropionitrile-Induced Abdominal Aortic Aneurysm. <b>2017</b> , 70, 959-963	34
368	Tryptophan-Derived 3-Hydroxyanthranilic Acid Contributes to Angiotensin II-Induced Abdominal Aortic Aneurysm Formation in Mice In Vivo. <b>2017</b> , 136, 2271-2283	35
367	TSG-6 is highly expressed in human abdominal aortic aneurysms. <b>2017</b> , 220, 311-319	9
366	Randomized feasibility trial of high-intensity interval training before elective abdominal aortic aneurysm repair. <b>2017</b> , 104, 1791-1801	27
365	Meta-analysis of the association between alcohol consumption and abdominal aortic aneurysm. <b>2017</b> , 104, 1756-1764	11
364	TGF[[Transforming Growth Factor-]]Blockade Induces a Human-Like Disease in a Nondissecting Mouse Model of Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 9.4 <b>2017</b> , 37, 2171-2181	41
363	Das abdominale Aortenaneurysma. <b>2017</b> , 46, 286-294	
362	Rapamycin inhibits CaCl2-induced thoracic aortic aneurysm formation in rats through mTOR-mediated suppression of proinflammatory mediators. <b>2017</b> , 16, 1911-1919	6
361	The Role Matrix Metalloproteinases in the Production of Aortic Aneurysm. <b>2017</b> , 147, 239-265	93
360	Effects of Chemotherapy in Patients with Concomitant Aortic Aneurysm and Malignant Disease. <b>2017</b> , 45, 268.e13-268.e20	8
359	Perivascular Adipose Tissue Angiotensin II Type 1 Receptor Promotes Vascular Inflammation and Aneurysm Formation. <b>2017</b> , 70, 780-789	41
358	Inhibition of Phosphatidylinositol 3-kinease suppresses formation and progression of experimental abdominal aortic aneurysms. <b>2017</b> , 7, 15208	12
357	A genotype: sex interaction is associated with abdominal aortic aneurysm expansion. <b>2017</b> , 65, 1077-1082	3
356	Skin accumulation of advanced glycation end products is increased in patients with an abdominal aortic aneurysm. <i>Journal of Vascular Surgery</i> , <b>2017</b> , 66, 1696-1703.e1	5
355	MicroRNA-181b Controls Atherosclerosis and Aneurysms Through Regulation of TIMP-3 and Elastin. <b>2017</b> , 120, 49-65	98
354	Heterogeneous histomorphology, yet homogeneous vascular smooth muscle cell dedifferentiation, characterize human aneurysm disease. <i>Journal of Vascular Surgery</i> , <b>2017</b> , 66, 1553-1564.e6	12
353	A potential role for glycated cross-links in abdominal aortic aneurysm disease. <i>Journal of Vascular Surgery</i> , <b>2017</b> , 65, 1493-1503.e3	20
352	MicroRNAs and Current Concepts on the Pathogenesis of Abdominal Aortic Aneurysm. <b>2017</b> , 32, 215-224	20

351	Stimulation of Alpha7 Nicotinic Acetylcholine Receptor Attenuates Nicotine-Induced Upregulation of MMP, MCP-1, and RANTES through Modulating ERK1/2/AP-1 Signaling Pathway in RAW264.7 and MOVAS Cells. <b>2017</b> , 2017, 2401027	10
350	Quantitative Aortic Distensibility Measurement Using CT in Patients with Abdominal Aortic Aneurysm: Reproducibility and Clinical Relevance. <b>2017</b> , 2017, 5436927	5
349	An association of spleen volume and aortic diameter in patients and in mice with abdominal aortic aneurysm. <b>2017</b> , 17, 134	2
348	Resuscitative Endovascular Balloon Occlusion of the Aorta in trauma: a systematic review of the literature. <b>2017</b> , 12, 42	45
347	Grape-seed Polyphenols Play a Protective Role in Elastase-induced Abdominal Aortic Aneurysm in Mice. <b>2017</b> , 7, 9402	9
346	Role of molecular imaging with positron emission tomographic in aortic aneurysms. <b>2017</b> , 9, S333-S342	8
345	Molecular targets in aortic aneurysm for establishing novel management paradigms. 2017, 9, 4708-4722	1
344	Partial Zone II Resuscitative Endovascular Balloon Occlusion of the Aorta in Management of Multiple Trauma with Combined Abdominal and Pelvic Injury. <b>2017</b> , 06,	1
343	Cysteinyl leukotriene receptor 1 antagonism prevents experimental abdominal aortic aneurysm. <b>2018</b> , 115, 1907-1912	10
342	Expression in Whole Blood Samples of miRNA-191 and miRNA-455-3p in Patients with AAA and Their Relationship to Clinical Outcomes after Endovascular Repair. <b>2018</b> , 50, 209-217	7
341	CD40L Deficiency Protects Against Aneurysm Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 1076-1085	11
340	Ursolic acid prevents angiotensin II-induced abdominal aortic aneurysm in apolipoprotein E-knockout mice. <b>2018</b> , 271, 128-135	11
339	Common First-Pass CT Angiography Findings Associated With Rapid Growth Rate in Abdominal Aorta Aneurysms Between 3 and 5 cm in Largest Diameter. <b>2018</b> , 210, 431-437	8
338	Mouse macrophage specific knockout of SIRT1 influences macrophage polarization and promotes angiotensin II-induced abdominal aortic aneurysm formation. <b>2018</b> , 45, 25-32	27
337	Peptidyl-prolyl isomerase Pin1 deficiency attenuates angiotensin II-induced abdominal aortic aneurysm formation in ApoE mice. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2018</b> , 114, 334-344	11
336	Sexual Dysfunction After Abdominal Aortic Aneurysm Surgical Repair: Current Knowledge and Future Directions. <b>2018</b> , 55, 267-280	18
335	Endothelial Dysfunction in Aortic Aneurysm. <b>2018</b> , 25-39	
334	Retinal microvascular signs and incidence of abdominal aortic aneurysm: The Atherosclerosis Risk in Communities Study. <b>2018</b> , 25, 246-249	O

333	Four Surgical Modifications to the Classic Elastase Perfusion Aneurysm Model Enable Haemodynamic Alterations and Extended Elastase Perfusion. <b>2018</b> , 56, 102-109	12	
332	Exploring antibody-dependent adaptive immunity against aortic extracellular matrix components in experimental aortic aneurysms. <i>Journal of Vascular Surgery</i> , <b>2018</b> , 68, 60S-71S.e3	; 13	
331	The preventive and curative effects of melatonin against abdominal aortic aneurysm in rats. <i>Journal of Vascular Surgery</i> , <b>2018</b> , 67, 1546-1555	; 8	
330	Regarding 'Diabetes mellitus increases the risk of ruptured abdominal aortic aneurysms'. <b>2018</b> , 15, 94-95	2	
329	Extended Serum Lipid Profile Predicting Long-Term Survival in Patients Treated for Abdominal Aortic Aneurysms. <b>2018</b> , 42, 1200-1207	1	
328	Effects of acute exercise on endothelial function in patients with abdominal aortic aneurysm. <b>2018</b> , 314, H19-H30	19	
327	Acute Inflammatory Responses to Exercise in Patients with Abdominal Aortic Aneurysm. <b>2018</b> , 50, 649-658	9	
326	Understanding the role of mammalian sterile 20-like kinase 1 (MST1) in cardiovascular disorders.  Journal of Molecular and Cellular Cardiology, <b>2018</b> , 114, 141-149	3 16	
325	Circulating Midregional Proadrenomedullin and Risk of Incident Abdominal Aortic Aneurysm: A Prospective Longitudinal Cohort Study. <b>2018</b> , 69, 333-338	6	
324	Concomitant colon cancer and abdominal aortic aneurysm treated by two-step endovascular aneurysm repair (EVAR) followed by laparoscopic sigmoidectomy. <b>2018</b> , 26, 36-38	3	
323	von Willebrand factor deficiency does not influence angiotensin II-induced abdominal aortic aneurysm formation in mice. <b>2018</b> , 8, 16645	2	
322	18F-fluoro-deoxy-D-glucose PET/CT in Establishing the Relationship Between the Metabolic Activity of Aorta and Iliac Artery Aneurysms in Cancer Patients. <b>2018</b> , 14, 831-836		
321	Epigenetic Regulation of Vascular Aging and Age-Related Vascular Diseases. 2018, 1086, 55-75	25	
320	Diabetes mellitus and the risk of abdominal aortic aneurysm: A systematic review and meta-analysis of prospective studies. <b>2018</b> , 32, 1169-1174	12	
319	Tobacco smoking and the risk of abdominal aortic aneurysm: a systematic review and meta-analysis of prospective studies. <b>2018</b> , 8, 14786	33	
318	The 100 most cited articles in the endovascular treatment of thoracic and abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , <b>2018</b> , 68, 1566-1581	; 8	
317	Pharmacological Therapy of Abdominal Aortic Aneurysm: An Update. <b>2018</b> , 16, 114-124	28	
316	High-Density Lipoprotein Is Associated with Progression of Intracranial Aneurysms. <b>2018</b> , 120, e234-e240	5	

315	Decoding the Genomics of Abdominal Aortic Aneurysm. <b>2018</b> , 174, 1361-1372.e10	34
314	PM2.5 promotes abdominal aortic aneurysm formation in angiotensin II-infused apoe-/- mice.  Biomedicine and Pharmacotherapy, <b>2018</b> , 104, 550-557	11
313	Deficiency of FAM3D (Family With Sequence Similarity 3, Member D), A Novel Chemokine, Attenuates Neutrophil Recruitment and Ameliorates Abdominal Aortic Aneurysm Development.  Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1616-1631	25
312	MicroRNA-26a protects vascular smooth muscle cells against H2O2-induced injury through activation of the PTEN/AKT/mTOR pathway. <b>2018</b> , 42, 1367-1378	33
311	Investigation of Plasma Inflammatory Profile in Diabetic Patients With Abdominal Aortic Aneurysm: A Pilot Study. <i>Vascular and Endovascular Surgery</i> , <b>2018</b> , 52, 597-601	4
310	Endothelium as a Potential Target for Treatment of Abdominal Aortic Aneurysm. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 6306542	20
309	Proteomic analysis of aortic smooth muscle cell secretions reveals an association of myosin heavy chain 11 with abdominal aortic aneurysm. <b>2018</b> , 315, H1012-H1018	7
308	Evaluation of the relationship between plasma lipids and abdominal aortic aneurysm: A Mendelian randomization study. <b>2018</b> , 13, e0195719	26
307	Glucagon-Like peptide-1: A new therapeutic target to treat abdominal aortic aneurysm?. <b>2018</b> , 152, 149-154	l 5
306	Oxidative Stress in Aortas of Patients with Advanced Occlusive and Aneurysmal Diseases. <b>2018</b> , 52, 216-224	10
305	ATR (Angiotensin AT2 Receptor) Agonist, Compound 21, Prevents Abdominal Aortic Aneurysm Progression in the Rat. <b>2018</b> , 72, e20-e29	20
304	Resuscitative endovascular balloon occlusion of the aorta (REBOA): an updated review. <b>2018</b> , 45, e1709	9
303	Diabetes and aortic aneurysm: current state of the art. <b>2018</b> , 114, 1702-1713	63
302	Description of human AAA by cytokine and immune cell aberrations compared to risk-factor matched controls. <b>2018</b> , 164, 354-358	8
301	Rapamycin Treatment Attenuates Angiotensin II -induced Abdominal Aortic Aneurysm Formation via VSMC Phenotypic Modulation and Down-regulation of ERK1/2 Activity. <b>2018</b> , 38, 93-100	12
300	The Effect of Pentagalloyl Glucose on the Wall Mechanics and Inflammatory Activity of Rat Abdominal Aortic Aneurysms. <b>2018</b> , 140,	8
299	Abdominal Aortic Aneurysm: Evolving Controversies and Uncertainties. 2018, 27, 58-80	22
298	Systemic Upregulation of IL-10 (Interleukin-10) Using a Nonimmunogenic Vector Reduces Growth and Rate of Dissecting Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular</i> 9.4 <i>Biology,</i> <b>2018,</b> 38, 1796-1805	22

297	Predicting Rotation in Fenestrated Endovascular Aneurysm Repair Using Finite Element Analysis. <b>2018</b> , 140,	10
296	The Association of Biomarkers of Inflammation and Extracellular Matrix Degradation With the Risk of Abdominal Aortic Aneurysm: The ARIC Study. <b>2019</b> , 70, 130-140	8
295	Fish intake and risk of mortality due to aortic dissection and aneurysm: A pooled analysis of the Japan cohort consortium. <b>2019</b> , 38, 1678-1683	5
294	Association of Platelet to Lymphocyte Ratio and Risk of 30-Day Postoperative Complications in Patients Undergoing Abdominal Aortic Surgical Repair. <i>Vascular and Endovascular Surgery</i> , <b>2019</b> , 53, 5-11 <sup>1.4</sup>	13
293	Anti-inflammatory diet and risk of abdominal aortic aneurysm in two Swedish cohorts. <b>2019</b> , 105, 1876-1883	14
292	Imatinib prevents elastase-induced abdominal aortic aneurysm progression by regulating macrophage-derived MMP9. <b>2019</b> , 860, 172559	7
291	Emerging Roles of Lysyl Oxidases in the Cardiovascular System: New Concepts and Therapeutic Challenges. <b>2019</b> , 9,	16
290	Discovery of crucial cytokines associated with abdominal aortic aneurysm formation by protein array analysis. <b>2019</b> , 244, 1648-1657	4
289	IL-27 receptor-regulated stress myelopoiesis drives abdominal aortic aneurysm development. <b>2019</b> , 10, 5046	16
288	Pathophysiology of abdominal aortic aneurysm: biomarkers and novel therapeutic targets. <b>2019</b> , 31, 166-177	2
287	Inflammasome activity in leucocytes decreases with abdominal aortic aneurysm progression. <b>2019</b> , 44, 1299-1308	10
286	Meta-analysis of the growth rates of abdominal aortic aneurysm in the Chinese population. <b>2019</b> , 19, 204	2
285	Dysregulation of microRNAs and target genes networks in human abdominal aortic aneurysm tissues. <b>2019</b> , 14, e0222782	4
284	A fully automated pipeline for mining abdominal aortic aneurysm using image segmentation. <b>2019</b> , 9, 13750	25
283	Copper Transporter ATP7A (Copper-Transporting P-Type ATPase/Menkes ATPase) Limits Vascular Inflammation and Aortic Aneurysm Development: Role of MicroRNA-125b. <i>Arteriosclerosis</i> , 9.4 <i>Thrombosis</i> , and Vascular Biology, <b>2019</b> , 39, 2320-2337	9
282	Caloric Restriction Exacerbates Angiotensin II-Induced Abdominal Aortic Aneurysm in the Absence of p53. <b>2019</b> , 73, 547-560	13
281	Use of resuscitative balloon occlusion of the aorta in a swine model of prolonged cardiac arrest. <b>2019</b> , 140, 106-112	13
280	Enhanced endoplasmic reticulum and mitochondrial stress in abdominal aortic aneurysm. <b>2019</b> , 133, 1421-1438	22

279	Fluoroquinolones and the Risk of Aortic Aneurysm or Aortic Dissection: A Systematic Review and Meta-Analysis. <b>2019</b> , 17, 3-10		22
278	Impaired smooth muscle cell contractility as a novel concept of abdominal aortic aneurysm pathophysiology. <b>2019</b> , 9, 6837		24
277	DAB2IP Expression in Abdominal Aortic Aneurysm: EZH2 and mir-363-3p as Potential Mediators. <b>2019</b> , 33, 737-742		5
276	Up regulation of isoleucyl-tRNA synthetase promotes vascular smooth muscle cells dysfunction via p38 MAPK/PI3K signaling pathways. <b>2019</b> , 224, 51-57		5
275	A Unique Bailout Method for the Repair of Abdominal Aortic Aneurism with a Narrow Iliac Bifurcation. <b>2019</b> , 59, 311.e11-311.e15		1
274	Establishment of Novel Murine Model showing Vascular Inflammation-derived Cognitive Dysfunction. <b>2019</b> , 9, 4023		4
273	Differential micro-RNA expression in diabetic patients with abdominal aortic aneurysm. <b>2019</b> , 162, 1-7		9
272	Interleukin-6 Receptor Signaling and Abdominal Aortic Aneurysm Growth Rates. <b>2019</b> , 12, e002413		25
271	Transforming growth factor [heutralization finely tunes macrophage phenotype in elastase-induced abdominal aortic aneurysm and is associated with an increase of arginase 1 expression in the aorta. <i>Journal of Vascular Surgery</i> , <b>2019</b> , 70, 588-598.e2	3.5	11
270	The structural atrophy of the aneurysm wall in secondary expanding aortic aneurysms with endoleak type II. <i>Journal of Vascular Surgery</i> , <b>2019</b> , 70, 1318-1326.e5	3.5	11
269	Bayesian Inference-Based Estimation of Normal Aortic, Aneurysmal and Atherosclerotic Tissue Mechanical Properties: From Material Testing, Modeling and Histology. <b>2019</b> , 66, 2269-2278		3
268	Necrotic cell debris induces a NF- <b>B</b> -driven inflammasome response in vascular smooth muscle cells derived from abdominal aortic aneurysms (AAA-SMC). <b>2019</b> , 511, 343-349		17
267	AIM2 levels and DNA-triggered inflammasome response are increased in peripheral leukocytes of patients with abdominal aortic aneurysm. <b>2019</b> , 68, 337-345		14
266	Design and protocol of a comprehensive multicentre biobank for abdominal aortic aneurysms. <b>2019</b> , 9, e028858		5
265	Toward the Existence of a Sympathetic Neuroplasticity Adaptive Mechanism Influencing the Immune Response. A Hypothetical View-Part II. <b>2019</b> , 10, 633		2
264	Comorbidities Associated with Large Abdominal Aortic Aneurysms. <b>2019</b> , 7, 108-114		6
263	The influence of statins on aortic aneurysm after operation: A retrospective nationwide study. <b>2019</b> , 98, e15368		2
262	Nrf2 in aging - Focus on the cardiovascular system. <b>2019</b> , 112, 42-53		20

### (2020-2019)

261	Survival after abdominal aortic aneurysm repair is affected by socioeconomic status. <i>Journal of Vascular Surgery</i> , <b>2019</b> , 69, 1437-1443	3.5	6
260	Elucidating the contributory role of microRNA to cardiovascular diseases (a review). 2019, 114, 31-48		23
259	ZFP148 (Zinc-Finger Protein 148) Binds Cooperatively With NF-1 (Neurofibromin 1) to Inhibit Smooth Muscle Marker Gene Expression During Abdominal Aortic Aneurysm Formation.  Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 73-88	9.4	6
258	Effect of Cyclic Stretch on Vascular Endothelial Cells and Abdominal Aortic Aneurysm (AAA): Role in the Inflammatory Response. <b>2019</b> , 20,		7
257	IL (Interleukin)-33 Suppresses Abdominal Aortic Aneurysm by Enhancing Regulatory T-Cell Expansion and Activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2019</b> , 39, 446-458	9.4	22
256	Pathophisiology of abdominal aortic aneurysm: biomarkers and novel therapeutic targets. <b>2019</b> , 31, 166	5-177	11
255	Upregulation of lincRNA-p21 in thoracic aortic aneurysms is involved in the regulation of proliferation and apoptosis of vascular smooth muscle cells by activating TGF-II signaling pathway. <b>2019</b> , 120, 4113-4120		10
254	Inhibitory effects of cycloastragenol on abdominal aortic aneurysm and its related mechanisms. <b>2019</b> , 176, 282-296		18
253	Relationship between metformin and abdominal aortic aneurysm. <i>Journal of Vascular Surgery</i> , <b>2020</b> , 71, 1056-1062	3.5	12
252	Inferior Mid-term Durability with Comparable Survival for Younger Patients Undergoing Elective Endovascular Infrarenal versus Open Abdominal Aortic Aneurysm Repair. <b>2020</b> , 64, 143-150.e1		1
251	Systematic review and meta-analysis of sex differences in outcomes after endovascular aneurysm repair for infrarenal abdominal aortic aneurysm. <i>Journal of Vascular Surgery</i> , <b>2020</b> , 71, 283-296.e4	3.5	17
250	TROVE2 strengthens the anti-inflammatory effect via macrophage polarization by estrogen induction in abdominal aortic aneurysm. <b>2020</b> , 242, 117207		1
249	Decreased Abdominal Aortic Aneurysm Size Following EVAR in Patients With CT Evidence of Subclinical Thoracic Aortic Dissection. <b>2020</b> , 66, 95-103		4
248	Long noncoding RNAs in key cellular processes involved in aortic aneurysms. <b>2020</b> , 292, 112-118		18
247	Surface engineering of nanomaterials with phospholipid-polyethylene glycol-derived functional conjugates for molecular imaging and targeted therapy. <b>2020</b> , 230, 119646		24
246	Endotoxin Tolerance in Abdominal Aortic Aneurysm Macrophages, In Vitro: A Case-Control Study. <b>2020</b> , 9,		O
245	Assessment of Upper Extremity Venous Compliance in Patients With Abdominal Aortic Aneurysms. <b>2020</b> , 60, 739-746		О
244	Prevention of Progression of Aortic Aneurysm by Peptide Vaccine Against Ang II (Angiotensin II) in a Rat Model. <b>2020</b> , 76, 1879-1888		3

243	Patterns of immune infiltration in stable and raptured abdominal aortic aneurysms: A gene-expression-based retrospective study. <i>Gene</i> , <b>2020</b> , 762, 145056	3.8	6
242	Melatonin Plays a Critical Protective Role in Nicotine-Related Abdominal Aortic Aneurysm. <b>2020</b> , 11, 866		1
241	Nano-Biomaterials for the Delivery of Therapeutic and Monitoring Cues for Aortic Diseases. <b>2020</b> , 8, 583879		2
240	Greater aortic inflammation and calcification in abdominal aortic aneurysmal disease than atherosclerosis: a prospective matched cohort study. <b>2020</b> , 7, e001141		4
239	Pharmacologic inhibition of transient receptor channel vanilloid 4 attenuates abdominal aortic aneurysm formation. <b>2020</b> , 34, 9787-9801		1
238	Prognostic role of neutrophil-to-lymphocyte ratio in aortic disease: a meta-analysis of observational studies. <b>2020</b> , 15, 215		5
237	3D Automatic Segmentation of Aortic Computed Tomography Angiography Combining Multi-View 2D Convolutional Neural Networks. <b>2020</b> , 11, 576-586		17
236	Klf5 down-regulation induces vascular senescence through eIF5a depletion and mitochondrial fission. <b>2020</b> , 18, e3000808		14
235	BAF60a Deficiency in Vascular Smooth Muscle Cells Prevents Abdominal Aortic Aneurysm by Reducing Inflammation and Extracellular Matrix Degradation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, 2494-2507	9.4	13
234	A validated mouse model capable of recapitulating the protective effects of female sex hormones on ascending aortic aneurysms and dissections (AADs). <b>2020</b> , 8, e14631		3
233	Whole genome sequencing identifies loci specifically associated with thoracic aortic wall defects and abdominal aortic aneurysms in patients with European ancestry. <b>2020</b> , 1, 233-245		
232	A Protocol for a Novel Human Model of Aneurysm. <b>2020</b> , 1, 100108		
231	The futility of surveillance for old and small aneurysms. <i>Journal of Vascular Surgery</i> , <b>2020</b> , 72, 162-170.	<b>21</b> 3.5	1
230	Nanoparticle-based targeted delivery of pentagalloyl glucose reverses elastase-induced abdominal aortic aneurysm and restores aorta to the healthy state in mice. <b>2020</b> , 15, e0227165		17
229	CCR2 Positron Emission Tomography for the Assessment of Abdominal Aortic Aneurysm Inflammation and Rupture Prediction. <b>2020</b> , 13, e009889		12
228	Artificial intelligence in abdominal aortic aneurysm. <i>Journal of Vascular Surgery</i> , <b>2020</b> , 72, 321-333.e1	3.5	32
227	MiR-126-5p promotes contractile switching of aortic smooth muscle cells by targeting VEPH1 and alleviates Ang II-induced abdominal aortic aneurysm in mice. <b>2020</b> , 100, 1564-1574		4
226	Dysregulation of microRNA Modulatory Network in Abdominal Aortic Aneurysm. <b>2020</b> , 9,		3

225	Prehabilitation exercise therapy before abdominal aortic aneurysm repair. 2020,		1
224	All-trans retinoic acid attenuates the progression of Ang II-induced abdominal aortic aneurysms in ApoEmice. <b>2020</b> , 15, 160		3
223	IKK Epsilon Deficiency Attenuates Angiotensin II-Induced Abdominal Aortic Aneurysm Formation in Mice by Inhibiting Inflammation, Oxidative Stress, and Apoptosis. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 3602824	6.7	7
222	The utility and promise of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) in the pediatric population: An evidence-based review. <b>2020</b> , 55, 2128-2133		6
221	A novel STAT3 inhibitor attenuates angiotensin II-induced abdominal aortic aneurysm progression in mice through modulating vascular inflammation and autophagy. <b>2020</b> , 11, 131		16
220	TRPV1 inhibits smooth muscle cell phenotype switching in a mouse model of abdominal aortic aneurysm. <b>2020</b> , 14, 59-68		3
219	Sex-Specific Associations of Vascular Risk Factors With Abdominal Aortic Aneurysm: Findings From 1.5[Million Women and 0.8[Million Men in the United States and United Kingdom. <b>2020</b> , 9, e014748		9
218	Null strain analysis of submerged aneurysm analogues using a novel 3D stereomicroscopy device. <b>2020</b> , 23, 332-344		4
217	LINC00473 inhibits vascular smooth muscle cell viability to promote aneurysm formation via miR-212-5p/BASP1 axis. <b>2020</b> , 873, 172935		12
216	Cigarette smoke extract induces ferroptosis in vascular smooth muscle cells. <b>2020</b> , 318, H508-H518		34
215	Genetic and epigenetic regulation of abdominal aortic aneurysms. 2020, 97, 815-826		14
214	The TAGA Study: A Study of Factors Determining Aortic Diameter in Families at High Risk of Abdominal Aortic Aneurysm Reveal Two New Candidate Genes. <b>2020</b> , 9,		O
213	Experimental abdominal aortic aneurysm growth is inhibited by blocking the JAK2/STAT3 pathway. <b>2020</b> , 312, 100-106		7
212	Bazedoxifene Attenuates Abdominal Aortic Aneurysm Formation Downregulation of Interleukin-6/Glycoprotein 130/Signal Transducer and Activator of Transcription 3 Signaling Pathway in Apolipoprotein E-Knockout Mice. <b>2020</b> , 11, 392		5
211	Abdominal aortic aneurysms: pathophysiology and clinical issues. <b>2020</b> , 288, 376-378		2
210	Tobacco Cessation Approaches and Impact on CVD. <b>2012</b> , 7, 129-38		1
209	Targeting mitochondrial fission as a potential therapeutic for abdominal aortic aneurysm. <b>2021</b> , 117, 971-982		22
208	Comparisons of Risk Factors for Abdominal Aortic Aneurysm and Coronary Heart Disease: A Prospective Cohort Study. <b>2021</b> , 72, 24-31		3

207	Recent progress on nanoparticles for targeted aneurysm treatment and imaging. 2021, 265, 120406	6
206	CTRP13 Mitigates Abdominal Aortic Aneurysm Formation via NAMPT1. <b>2021</b> , 29, 324-337	3
205	Factor Xa inhibitor rivaroxaban suppresses experimental abdominal aortic aneurysm progression via attenuating aortic inflammation. <b>2021</b> , 136, 106818	6
204	TRPV5 attenuates abdominal aortic aneurysm in mice by regulating KLF4-dependent phenotype switch of aortic vascular smooth muscle cells. <b>2021</b> , 698, 108724	6
203	Increased arterial stiffness in males with abdominal aortic aneurysm. <b>2021</b> , 41, 68-75	4
202	The Association Between Curvature and Rupture in a Murine Model of Abdominal Aortic Aneurysm and Dissection. <b>2021</b> , 61, 203-216	2
201	Single-cell RNA sequencing reveals the cellular heterogeneity of aneurysmal infrarenal abdominal aorta. <b>2021</b> , 117, 1402-1416	36
200	Association of C-Reactive Protein-to-Albumin Ratio With the Presence and Progression of Abdominal Aortic Aneurysm. <b>2021</b> , 72, 153-158	2
199	Abdominal aortic aneurysm <b>D</b> o women present differently than men?. <b>2021</b> , 45-60	
198	Identification of crucial genes mediating abdominal aortic aneurysm pathogenesis based on gene expression profiling of perivascular adipose tissue by WGCNA. <b>2021</b> , 9, 52	5
197	The Mysterious Role of Vasohibin-2 in Ascending Aorta Pathology. <b>2021</b> , 34, 453-455	0
196	Height and Mortality from Aortic Aneurysm and Dissection. 2021,	O
195	Pathophysiological Aspects of the Development of Abdominal Aortic Aneurysm with a Special Focus on Mitochondrial Dysfunction and Genetic Associations. <b>2021</b> , 12, 55-67	2
194	Transglutaminase 2 moderates the expansion of mouse abdominal aortic aneurysms. <b>2021</b> , 2, 95-109	
193	P-Selectin Glycoprotein Ligand-1 Deficiency Protects Against Aortic Aneurysm Formation Induced by DOCA Plus Salt. <b>2021</b> , 1	2
192	Residual Risk of Nicotine. <b>2021</b> , 513-587	1
191	TREM-1 orchestrates angiotensin II-induced monocyte trafficking and promotes experimental abdominal aortic aneurysm. <b>2021</b> , 131,	10
190	High NOR-1 (Neuron-Derived Orphan Receptor 1) Expression Strengthens the Vascular Wall Response to Angiotensin II Leading to Aneurysm Formation in Mice. <b>2021</b> , 77, 557-570	4

### (2021-2021)

189	Advanced Research of Abdominal Aortic Aneurysms on Metabolism. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 630269	5.4	2
188	Inhibition of Notch1-mediated inflammation by intermedin protects against abdominal aortic aneurysm via PI3K/Akt signaling pathway. <b>2021</b> , 13, 5164-5184		7
187	Inhibition of macrophage histone demethylase JMJD3 protects against abdominal aortic aneurysms. <b>2021</b> , 218,		10
186	Abdominal aortic aneurysms. <b>2021</b> , 65, 34-43		12
185	MicroRNA-23b prevents aortic aneurysm formation by inhibiting smooth muscle cell phenotypic switching via FoxO4 suppression. <b>2021</b> , 119092		2
184	Rolipram Prevents the Formation of Abdominal Aortic Aneurysm (AAA) in Mice: PDE4B as a Target in AAA. <b>2021</b> , 10,		1
183	Was Sie schon immer zur Behandlung des abdominalen Aortenaneurysmas in Deutschland wissen wollten: Real-World-Evidenz, Trends und offene Fragen. <b>2021</b> , 26, 252-260		2
182	MiR-137 regulates low-intensity shear stress-induced human aortic endothelial cell apoptosis via JNK/AP-1 signaling. <b>2021</b> , 77, 451-460		2
181	Colocalization of Erythrocytes and Vascular Calcification in Human Atherosclerosis: A Systematic Histomorphometric Analysis. <b>2021</b> , 5, e113-e124		О
180	Unresolved Issues in RNA Therapeutics in Vascular Diseases With a Focus on Aneurysm Disease. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 571076	5.4	O
179	Body Mass Index and Mortality From Aortic Aneurysm and Dissection. 2021, 28, 338-348		1
178	Early Detection of Aortic Degeneration in a Mouse Model of Sporadic Aortic Aneurysm and Dissection Using Nanoparticle Contrast-Enhanced Computed Tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 1534-1548	9.4	1
177	Oxidative Stress and Inflammatory Markers in Abdominal Aortic Aneurysm. 2021, 10,		4
176	Clinical Significance of Increased Computed Tomography Attenuation of Periaortic Adipose Tissue in Patients With Abdominal Aortic Aneurysms. <b>2021</b> , 85, 2172-2180		4
175	Omentin attenuates angiotensin II-induced abdominal aortic aneurysm formation in apolipoprotein-E knockout mice. <b>2021</b> ,		O
174	MKL1 cooperates with p38MAPK to promote vascular senescence, inflammation, and abdominal aortic aneurysm. <b>2021</b> , 41, 101903		4
173	Imaging Biological Pathways in Abdominal Aortic Aneurysms Using Positron Emission Tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 1596-1606	9.4	О
172	Cost-effectiveness of a population-based AAA screening program for men over 65 years old in Iran. <b>2021</b> , 19, 29		

171	Lenvatinib halts aortic aneurysm growth by restoring smooth muscle cell contractility. 2021, 6,		0
170	MicroRNA-199a-5p aggravates angiotensin II-induced vascular smooth muscle cell senescence by targeting Sirtuin-1 in abdominal aortic aneurysm. <b>2021</b> , 25, 6056		6
169	CCL7 contributes to angiotensin II-induced abdominal aortic aneurysm by promoting macrophage infiltration and pro-inflammatory phenotype. <b>2021</b> , 25, 7280-7293		2
168	Nanoparticle-Assisted Diagnosis and Treatment for Abdominal Aortic Aneurysm. <b>2021</b> , 8, 665846		1
167	Population-Based Risk Factors for Ascending, Arch, Descending, and Abdominal Aortic Dilations for 60-74-Year-Old Individuals. <b>2021</b> , 78, 201-211		6
166	Bedeutung von Seneszenz im abdominellen Aortenaneurysma. <b>2021</b> , 26, 405-408		
165	Bioinformatics Analysis Reveals the Potential Diagnostic Biomarkers for Abdominal Aortic Aneurysm. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 656263	5.4	4
164	Inhibition of Peptidyl Arginine Deiminase 4-Dependent Neutrophil Extracellular Trap Formation Reduces Angiotensin II-Induced Abdominal Aortic Aneurysm Rupture in Mice. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 676612	5.4	3
163	Prehabilitation exercise therapy before elective abdominal aortic aneurysm repair. <b>2021</b> , 7, CD013662		3
162	Senolytic agents lessen the severity of abdominal aortic aneurysm in aged mice. <b>2021</b> , 151, 111416		2
161	Neutrophil-to-Lymphocyte Ratio Associated With Adverse Events After Endovascular Aneurysm Repair (EVAR). <b>2021</b> , 75, 45-54		1
160	Kidney-Specific Gene Deletion Causes Aortic Aneurysm via Hyperphosphatemia. <b>2021</b> , 78, 308-319		4
159	Undiagnosed Behët's Disease Complicated by Multiple Pseudoaneurysms and COVID-19 Infection.		
158	Pre-operative platelet reactivity is a strong, independent predictor of bleeding complications after branched endovascular thoracoabdominal aortic aneurysm repair. <b>2021</b> , 1-9		2
157	Osteopontin N-Terminal Function in an Abdominal Aortic Aneurysm From Apolipoprotein E-Deficient Mice. <b>2021</b> , 9, 681790		3
156	Current Pharmacological Management of Aortic Aneurysm. <b>2021</b> , 78, 211-220		
155	Use of MALDI Mass Spectrometry Imaging to Identify Proteomic Signatures in Aortic Aneurysms after Endovascular Repair. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	2
154	The role of dipeptidyl peptidase-IV in abdominal aortic aneurysm pathogenesis: A systematic review. <b>2021</b> , 1358863X211034574		O

153	Preoperative high lymphocyte-to-monocyte ratio is associated with intraoperative type I endoleak in patients with TAA with TEVAR. <b>2021</b> , 17085381211039939	0
152	Males with abdominal aortic aneurysm have reduced left ventricular systolic and diastolic function. <b>2021</b> ,	1
151	Bariatric surgery is associated with reduced admission for aortic dissection: a nationwide case-control analysis. <b>2021</b> , 17, 1603-1610	1
150	Targeting Tyrosine Hydroxylase for Abdominal Aortic Aneurysm: Impact on Inflammation, Oxidative Stress, and Vascular Remodeling. <b>2021</b> , 78, 681-692	3
149	Tryptophan: From Diet to Cardiovascular Diseases. <b>2021</b> , 22,	5
148	Circular RNA Cdyl promotes abdominal aortic aneurysm formation by inducing M1 macrophage polarization and M1-type inflammation. <b>2021</b> ,	7
147	A Novel Mechanism Underlying Inflammatory Smooth Muscle Phenotype in Abdominal Aortic Aneurysm. <b>2021</b> , 129, e202-e214	3
146	Association between anion gap and mortality of aortic aneurysm in intensive care unit after open surgery. <b>2021</b> , 21, 458	2
145	Nationwide study in France investigating the impact of diabetes on mortality in patients undergoing abdominal aortic aneurysm repair. <b>2021</b> , 11, 19395	Ο
144	Betanin Prevents Experimental Abdominal Aortic Aneurysm Progression by Modulating the TLR4/NF- <b>B</b> and Nrf2/HO-1 Pathways. <b>2021</b> , 44, 1254-1262	1
143	Assessment of female sex in preclinical vascular models. <b>2021</b> , 349-385	
142	Increase of V2 T Cells That Robustly Produce IL-17A in Advanced Abdominal Aortic Aneurysm Tissues. <b>2021</b> , 21, e17	Ο
141	Multi-Centre Study on Cardiovascular Risk Management on Patients Undergoing AAA Surveillance. <b>2017</b> , 54, 116-122	14
140	Physical activity and the risk of abdominal aortic aneurysm: a systematic review and meta-analysis of prospective studies. <b>2020</b> , 10, 22287	3
139	Vinpocetine protects against the development of experimental abdominal aortic aneurysms. <b>2020</b> , 134, 2959-2976	3
138	Interleukin-6 Receptor Signalling and Abdominal Aortic Aneurysm Growth Rates.	1
137	Association of abdominal aortic aneurysm diameter with insulin resistance index. 2018, 28, 030702	6
136	Adipose stem cells promote smooth muscle cells to secrete elastin in rat abdominal aortic aneurysm. <b>2014</b> , 9, e108105	19

135	Inhibition of endoplasmic reticulum stress signaling pathway: A new mechanism of statins to suppress the development of abdominal aortic aneurysm. <b>2017</b> , 12, e0174821		26
134	Mechanical and geometrical determinants of wall stress in abdominal aortic aneurysms: A computational study. <b>2018</b> , 13, e0192032		19
133	Indoleamine 2 3-dioxygenase knockout limits angiotensin II-induced aneurysm in low density lipoprotein receptor-deficient mice fed with high fat diet. <b>2018</b> , 13, e0193737		17
132	Silencing of long non-coding RNA Sox2ot inhibits oxidative stress and inflammation of vascular smooth muscle cells in abdominal aortic aneurysm via microRNA-145-mediated Egr1 inhibition. <b>2020</b> , 12, 12684-12702		11
131	Nucleolar stress induces a senescence-like phenotype in smooth muscle cells and promotes development of vascular degeneration. <b>2020</b> , 12, 22174-22198		5
130	Using nationwide Big datalfrom linked electronic health records to help improve outcomes in cardiovascular diseases: 33 studies using methods from epidemiology, informatics, economics and social science in the ClinicAl disease research using Linked Bespoke studies and Electronic health		10
129	Identification of crucial genes in abdominal aortic aneurysm by WGCNA. <i>PeerJ</i> , <b>2019</b> , 7, e7873	3.1	28
128	A Novel Hypothesis: A Role for Follicle Stimulating Hormone in Abdominal Aortic Aneurysm Development in Postmenopausal Women. <b>2021</b> , 12, 726107		O
127	The effect of diabetes on abdominal aortic aneurysm growth over 2lyears. <i>Journal of Vascular Surgery</i> , <b>2021</b> ,	3.5	1
126	Prevalence, clinical features, risk factors, and outcomes of SLE patients with aortic aneurysm: a cross-sectional retrospective study in a Chinese single center. <b>2021</b> , 1		1
125	[Open thoracic and thoracoabdominal aortic repair vs. f/bTEVAR - complementary or competitive?]. <b>2021</b> , 146, 470-478		1
124	The place of endovascular treatment in abdominal aortic aneurysm. <b>2013</b> , 110, 119-25		8
123	Encyclopedia of Ophthalmology. <b>2015</b> , 1-2		
122	Angiotensin II-Induced Aortic Aneurysms in Mice. <b>2016</b> , 197-210		
121	Pathogenesis of AAA Rupture. <b>2017</b> , 49-65		
120	Encyclopedia of Ophthalmology. <b>2018</b> , 95-97		
119	Abdominal Aortic Aneurysms. <b>2019</b> , 199-216		2
118	IL-27 receptor signaling regulated stress myelopoiesis drives Abdominal Aortic Aneurysm development.		

117	eIF5a reduction via decreased Klf5 leads to cell senescence by mitochondrial fission in VSMCs.	
116	Positive association between abdominal aortic diameter and serum collagen XVIII levels. <b>2019</b> , 38, 410-417	1
115	Nanoparticle-based targeted delivery of pentagalloyl glucose reverses elastase-induced abdominal aortic aneurysm and restores aorta to the healthy state in mice.	
114	Beneficial Effects of Ursolic Acid and Its Derivatives-Focus on Potential Biochemical Mechanisms in Cardiovascular Conditions. <b>2021</b> , 13,	1
113	Identification of Novel Long Noncoding RNAs and Their Role in Abdominal Aortic Aneurysm. <b>2020</b> , 2020, 3502518	О
112	Prozedurale Komplikationen. <b>2020</b> , 25-98	
111	Exercise in Specific Diseases: Abdominal Aortic Aneurysm. <b>2020</b> , 1061-1076	
110	MFAP4 Deficiency Attenuates Angiotensin II-Induced Abdominal Aortic Aneurysm Formation Through Regulation of Macrophage Infiltration and Activity. <i>Frontiers in Cardiovascular Medicine</i> , 5.4 <b>2021</b> , 8, 764337	O
109	Abdominal aortic aneurysm: a review on the role of oral antidiabetic drugs. 2020, 39, 330-340	1
108	Dark nights behind the white clouds - risks of tobacco smoking on human health besides the oral health and malignancy. <b>2011</b> , 10, 69-84	4
107	Galectin-3 and the incidence of abdominal aortic aneurysm: the atherosclerosis risk in communities (ARIC) study. <b>2017</b> , 7, 114-121	2
106	Relevance of inflammation and matrix remodeling in abdominal aortic aneurysm (AAA) and popliteal artery aneurysm (PAA) progression. <b>2018</b> , 10, 3265-3275	5
105	The reassuring CT scan with a lethal diagnosis. <b>2019</b> , 12,	
104	Interleukin-10 promotes proliferation of vascular smooth muscle cells by inhibiting inflammation in rabbit abdominal aortic aneurysm. <b>2019</b> , 12, 1260-1271	5
103	Gadd153 deficiency attenuates abdominal aortic aneurysm formation in mice. 2018, 11, 169-178	
102	NEAT1 promotes the repair of abdominal aortic aneurysms of endothelial progenitor cells via regulating miR-204-5p/Ang-1. <b>2021</b> , 13, 2111-2126	
101	Kv7.4 channel is a key regulator of vascular inflammation and remodeling in neointimal hyperplasia and abdominal aortic aneurysms. <b>2021</b> , 178, 111-124	0
100	Associations of Genes for Killer Cell Immunoglobulin-like Receptors and Their Human Leukocyte Antigen-A/B/C Ligands with Abdominal Aortic Aneurysm <b>2021</b> , 10,	1

99	Preoperative Neutrophil to Lymphocyte Ratio, Platelet to Lymphocyte Ratio, and Mean Platelet Volume as Predictors of 1-Year Mortality in Patients Undergoing an Open Repair of Abdominal Aortic Aneurysms: A Retrospective Study. <b>2021</b> , 10,	2
98	Automated Screening for Abdominal Aortic Aneurysm in CT Scans under Clinical Conditions Using Deep Learning. <b>2021</b> , 11,	2
97	A rare case of thoracic-abdominal aortic aneurysm in conjunction with bilateral superficial femoral artery occlusion, documented with computed tomography angiography <b>2022</b> , 17, 505-510	
96	Targeting Platelet Activation in Abdominal Aortic Aneurysm: Current Knowledge and Perspectives <b>2022</b> , 12,	1
95	The risk of dementia in adults with abdominal aortic aneurysm 2022, 12, 1228	1
94	Abdominal Aortic Aneurysm Formation with a Focus on Vascular Smooth Muscle Cells <b>2022</b> , 12,	3
93	Bioresponsive nanoplatforms for imaging and therapy of cardiovascular diseases. <b>2022</b> , 3, 20200137	2
92	[Role of TREM-1 in cardiovascular diseases] <b>2022</b> , 38, 32-37	
91	Platelet protects angiotensin II-driven abdominal aortic aneurysm formation through inhibition of inflammation <b>2022</b> , 159, 111703	1
90	Can We Still Teach Open Repair of Abdominal Aortic Aneurysm in The Endovascular Era? Single-Center Analysis on The Evolution of Procedural Characteristics Over 15 Years <b>2022</b> ,	О
89	Trimethylamine N-Oxide Promotes Abdominal Aortic Aneurysm Formation by Aggravating Aortic Smooth Muscle Cell Senescence in Mice <b>2022</b> , 1	1
88	Pulmonary vein aneurysm in a New Zealand White rabbit: a case report <b>2022</b> , 38, 4	
87	Activating #nAChR ameliorates abdominal aortic aneurysm through inhibiting pyroptosis mediated by NLRP3 inflammasome <b>2022</b> ,	1
86	Changes in endocan and dermatan sulfate are associated with biomechanical properties of abdominal aortic wall during aneurysm expansion and rupture <b>2022</b> ,	1
85	Prehabilitation for Vascular Surgery Patients: Challenges and Opportunities 2022,	0
84	Endothelial pannexin-1 channels modulate macrophage and smooth muscle cell activation in abdominal aortic aneurysm formation <b>2022</b> , 13, 1521	О
83	Accuracy of Presenting Symptoms, Physical Examination, and Imaging for Diagnosis of Ruptured Abdominal Aortic Aneurysm -Systematic Review and Meta-Analysis <b>2022</b> ,	1
82	Comparison of tissue biomarkers in arterial and vein (arteriovenous fistula) aneurysms <b>2022</b> , 26835552	11070189

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81	Noble Gases Therapy in Cardiocerebrovascular Diseases: The Novel Stars?. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 802783	5.4	2
80	Characteristic distribution of eicosapentaenoic acid in human abdominal aortic aneurysm wall <b>2022</b> , 100200		1
79	Thrombospondins in human aortic aneurysms 2022,		
78	Aorta in Pathologies May Function as an Immune Organ by Upregulating Secretomes for Immune and Vascular Cell Activation, Differentiation and Trans-Differentiation-Early Secretomes may Serve as Drivers for Trained Immunity <b>2022</b> , 13, 858256		O
77	Targeting macrophage TFEB-14-3-3 epsilon Interface by naringenin inhibits abdominal aortic aneurysm <b>2022</b> , 8, 21		1
76	Relevance of Type II Endoleak After Endovascular Repair of Ruptured Abdominal Aortic Aneurysms: A Retrospective Single-Center Cohort Study <b>2022</b> , 15266028221086476		
75	Preservation of Smooth Muscle Cell Integrity and Function: A Target for Limiting Abdominal Aortic Aneurysm Expansion?. <b>2022</b> , 11,		
74	Epidemiology of Age-, Sex- and Race-specific Hospitalizations for Abdominal Aortic Aneurysms Highlights Gaps in Current Screening Recommendations <i>Journal of Vascular Surgery</i> , <b>2022</b> ,	3.5	О
73	Patients With Symptomatic AAAs Are More Likely to Develop Lumen Partial-Thrombus After Endovascular Aortic Repair Than Asymptomatic Patients <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 848848	5.4	
72	Endothelial Dysfunction in the Pathogenesis of Abdominal Aortic Aneurysm 2022, 12,		1
71	Rewiring Vascular Metabolism Prevents Sudden Death due to Aortic Ruptures <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2022</b> , ATVBAHA121317346	9.4	1
70	Fluoroquinolones increase the risk of aortic aneurysm and dissection: A protocol for meta-analysis <b>2021</b> , 100, e28081		O
69	Abdominal Enhanced Computed Tomography Image by Artificial Intelligence Algorithm in the Diagnosis of Abdominal Aortic Aneurysm. <b>2021</b> , 2021, 1-8		1
68	A reduction in the vascular smooth muscle cell focal adhesion component syndecan-4 is associated with abdominal aortic aneurysm formation <b>2021</b> , 11, e605		O
67	Studies Related to Ruptured Abdominal Aortic Aneurysms in the Past 10 Years (2011-2020): A Bibliometric Analysis <b>2022</b> , 28, e935006		О
66	Modeling of microRNA-derived disease network repurposes methotrexate for the prevention and therapy of abdominal aortic aneurysm in mice.		
65	Migrasomes. <b>2022</b> , 193-202		
64	Image_1.tif. <b>2020</b> ,		

63 Image\_2.tif. **2020**,

62	The reassuring CT scan with a lethal diagnosis. <b>2019</b> , 12, e227503		Ο
61	Adipocyte-Derived Serum Amyloid A Promotes Angiotensin II-Induced Abdominal Aortic Aneurysms in Obese C57BL/6J Mice <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2022</b> , ATVBAHA121317225	9.4	0
60	Identification of the Key Genes and Potential Therapeutic Compounds for Abdominal Aortic Aneurysm Based on a Weighted Correlation Network Analysis. <i>Biomedicines</i> , <b>2022</b> , 10, 1052	4.8	1
59	IL-37 Expression in Patients with Abdominal Aortic Aneurysm and Its Role in the Necroptosis of Vascular Smooth Muscle Cells. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2022</b> , 2022, 1-14	6.7	О
58	FOS gene associated immune infiltration signature in perivascular adipose tissues of abdominal aortic aneurysm <i>Gene</i> , <b>2022</b> , 831, 146576	3.8	O
57	Automatic Detection and Segmentation of Thrombi in Abdominal Aortic Aneurysms Using a Mask Region-Based Convolutional Neural Network with Optimized Loss Functions. <i>Sensors</i> , <b>2022</b> , 22, 3643	3.8	О
56	Development of a Convolutional Neural Network to Detect Abdominal Aortic Aneurysms <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , <b>2022</b> ,	1.1	1
55	Matricellular proteins: Potential biomarkers and mechanistic factors in aortic aneurysms <i>Journal of Molecular and Cellular Cardiology</i> , <b>2022</b> , 169, 41-56	5.8	О
54	Mechanistic insight into lysyl oxidase in vascular remodeling and angiogenesis. <i>Genes and Diseases</i> , <b>2022</b> ,	6.6	O
53	Ageing- and AAA-associated differentially expressed proteins identified by proteomic analysis in mice. <i>PeerJ</i> , 10, e13129	3.1	
52	Activation of Wnt/Etatenin signaling in abdominal aortic aneurysm: A potential therapeutic opportunity?. <i>Genes and Diseases</i> , <b>2022</b> ,	6.6	
51	Endovascular Repair of Ruptured Abdominal Aortic Aneurysm in COVID 19 Pandemic. <i>Dr Sulaiman Al Habib Medical Journal</i> ,	1.4	
50	Applications of Extracellular Vesicles in Abdominal Aortic Aneurysm. <i>Frontiers in Cardiovascular Medicine</i> , 9,	5.4	O
49	The Impact of Suprarenal Diameter on Outcomes Following Endovascular Aneurysm Repair: A Retrospective Cohort Study. <i>Vascular and Endovascular Surgery</i> , 153857442211080	1.4	
48	Postoperative management in patients with complex aortic aneurysms. <i>Journal of Cardiovascular Surgery</i> ,	0.7	
47	Stem Cell Based Approaches to Modulate the Matrix Milieu in Vascular Disorders. <i>Frontiers in Cardiovascular Medicine</i> , 9,	5.4	
46	Single Cell Transcriptomics Reveals Dynamic Role of Smooth Muscle Cells and Enrichment of Immune Cell Subsets in Human Abdominal Aortic Aneurysms. <i>Annals of Surgery</i> , Publish Ahead of Print,	7.8	O

45	Risk of various cancers in adults with abdominal aortic aneurysm. Journal of Vascular Surgery, 2022,	3.5	1
44	A systematic review summarizing local vascular characteristics of the aneurysm wall to predict progression and rupture risk of abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , <b>2022</b> ,	3.5	
43	MiR-30c-1-3p targets matrix metalloproteinase 9 involved in the rupture of abdominal aortic aneurysms. <i>Journal of Molecular Medicine</i> ,	5.5	О
42	Development of pharmacotherapies for abdominal aortic aneurysms. <i>Biomedicine and Pharmacotherapy</i> , <b>2022</b> , 153, 113340	7.5	1
41	Automatic branch detection of the arterial system from abdominal aortic segmentation. <i>Medical and Biological Engineering and Computing</i> ,	3.1	
40	Radial artery lumen diameter and intima thickness in patients with abdominal aortic aneurysm. <b>2022</b> , 3, 274-284		
39	Chronological attenuation of NPRA / PKG / AMPK signaling promotes vascular aging and elevates blood pressure.		О
38	MicroRNA <b>D</b> isease Network Analysis Repurposes Methotrexate for the Treatment of Abdominal Aortic Aneurysm in Mice. <b>2022</b> ,		
37	Repair of Abdominal Aortic Aneurysms. <b>2022</b> , 80, 821-831		О
36	Key ferroptosis-related genes in abdominal aortic aneurysm formation and rupture as determined by combining bioinformatics techniques. 9,		O
35	Construction and analysis of competing endogenous RNA network and patterns of immune infiltration in abdominal aortic aneurysm. 9,		1
34	Platelet TGF-II inhibits the migration and proliferation of smooth muscle cells in aneurysms. <b>2022</b> , 158, 155969		
33	Surgical repair of abdominal aortic aneurysms on the public health system in the largest city in Brazil: a descriptive analysis of in-hospital data on 2693 procedures over 10 years. 21,		O
32	Comprehensive insights into the function and molecular and pharmacological regulation of neuron-derived orphan receptor 1, an orphan receptor. 13,		O
31	NLRP3 inflammasome: The rising star in cardiovascular diseases. 9,		О
30	HDL metabolism and functions impacting on cell cholesterol homeostasis are specifically altered in patients with abdominal aortic aneurysm. 13,		O
29	Identification of a biomarker and immune infiltration in perivascular adipose tissue of abdominal aortic aneurysm. 13,		О
28	Propionate Alleviates Abdominal Aortic Aneurysm by Modulating Colonic Regulatory T-Cell Expansion and Recirculation. <b>2022</b> , 7, 934-947		O

27	BAF60c prevents abdominal aortic aneurysm formation through epigenetic control of vascular smooth muscle cell homeostasis.	0
26	Dexmedetomidine protects cells from Angiotensin II-induced smooth muscle cell phenotype switch and endothelial cell dysfunction. 1-14	O
25	Identification of a miRSNP Regulatory Axis in Abdominal Aortic Aneurysm by a Network and Pathway-Based Integrative Analysis. <b>2022</b> , 2022, 1-15	0
24	Common molecular mechanism and immune infiltration patterns of thoracic and abdominal aortic aneurysms. 13,	O
23	JAK2V617F mutation drives vascular resident macrophages toward a pathogenic phenotype and promotes dissecting aortic aneurysm. <b>2022</b> , 13,	1
22	Potential metabolomic biomarkers for the identification and diagnosis of type A acute aortic dissection in patients with hypertension. 9,	O
21	Prognostic model for survival of patients with abdominal aortic aneurysms treated with endovascular aneurysm repair. <b>2022</b> , 12,	0
20	Alpha-lipoic acid protects against aortic aneurysm and dissection by improving vascular smooth muscle cell function. <b>2022</b> , 311, 121159	O
19	Klinisches Bild, diagnostisches und therapeutisches Vorgehen bei Erkrankungen der thorakalen oder thorakoabdominellen Aorta. <b>2022</b> , 1-10	0
18	Gut microbiome sheds light on the development and treatment of abdominal aortic aneurysm. 9,	O
17	CXCR4 🗈 possible serum marker for risk stratification of abdominal aortic aneurysms.	0
16	Inter-hospital transfer of patients with ruptured abdominal aortic aneurysm in Switzerland. 2022,	O
15	PI 3-kinase isoform p110 $\pm$ ontrols smooth muscle cell functionality and protects against aortic aneurysm formation.	0
14	Machine learning analysis of confounding variables of a convolutional neural network specific for abdominal aortic aneurysms 2023,	O
13	Mouse Abdominal Aortic Aneurysm Model Induced by Periarterial Incubation of Papain. 2023, 100035	0
12	ADAR1 Non-Editing Function in Macrophage Activation and Abdominal Aortic Aneurysm.	O
11	No differences in FBN1 genotype between men with and without abdominal aortic aneurysm. <b>2023</b> , 23,	O
10	Presentation and management of delayed aortic endograft infection. <b>2023</b> , 16, e252924	O

#### CITATION REPORT

9	Full-field strain mapping of healthy and pathological mouse aortas using stereo digital image correlation. <b>2023</b> , 141, 105745	О
8	Editorial: Advances in aortic imaging. 10,	o
7	The mechanism and therapy of aortic aneurysms. <b>2023</b> , 8,	0
6	The Effect of Blood Rheology and Inlet Boundary Conditions on Realistic Abdominal Aortic Aneurysms under Pulsatile Flow Conditions. <b>2023</b> , 10, 272	O
5	Clearance of Stress-Induced Premature Senescent Cells Alleviates the Formation of Abdominal Aortic Aneurysms. <b>2023</b> , 0	0
4	Abdominal Aorta and Branches. <b>2013</b> , 726-757	0
3	Purinergic receptor P2 I7 contributes to abdominal aortic aneurysm development via modulating macrophage pyroptosis and inflammation. <b>2023</b> ,	О
2	Inhibition of CD40-TRAF6 signaling protects against aneurysm development and progression.	0
1	Procedural Complications. <b>2023</b> , 25-95	О