

Gerard Pasterkamp

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

18,160
citations

44069

48
h-index

16650

123
g-index

220
all docs

220
docs citations

220
times ranked

30459
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced single-cell RNA-seq workflow reveals coronary artery disease cellular cross-talk and candidate drug targets. <i>Atherosclerosis</i> , 2022, 340, 12-22.	0.8	35
2	Dynamic changes in chromatin accessibility are associated with the atherogenic transitioning of vascular smooth muscle cells. <i>Cardiovascular Research</i> , 2022, 118, 2792-2804.	3.8	17
3	Preventing unnecessary imaging in patients suspect of coronary artery disease through machine learning of electronic health records. <i>European Heart Journal Digital Health</i> , 2022, 3, 11-19.	1.7	7
4	False Utopia of One Unifying Description of the Vulnerable Atherosclerotic Plaque: A Call for Recalibration That Appreciates the Diversity of Mechanisms Leading to Atherosclerotic Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, ATVBAHA121316693.	2.4	9
5	The Applications of Single-Cell RNA Sequencing in Atherosclerotic Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 826103.	2.4	14
6	Intersecting single-cell transcriptomics and genome-wide association studies identifies crucial cell populations and candidate genes for atherosclerosis. <i>European Heart Journal Open</i> , 2022, 2, oeab043.	2.3	34
7	Preclinical Comparison of Distal Off-Pump Anastomotic Remodeling: Hand-Sewn Versus ELANA Heart Bypass. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2022, 17, 111-118.	0.9	1
8	Ceramides and phospholipids in plasma extracellular vesicles are associated with high risk of major cardiovascular events after carotid endarterectomy. <i>Scientific Reports</i> , 2022, 12, 5521.	3.3	8
9	Protective role of chaperone-mediated autophagy against atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2121133119.	7.1	29
10	The Role of the Vulnerable Carotid Plaque in Embolic Stroke of Unknown Source. <i>Journal of the American College of Cardiology</i> , 2022, , .	2.8	2
11	The transverse aortic constriction heart failure animal model: a systematic review and meta-analysis. <i>Heart Failure Reviews</i> , 2021, 26, 1515-1524.	3.9	36
12	Sex-Stratified Gene Regulatory Networks Reveal Female Key Driver Genes of Atherosclerosis Involved in Smooth Muscle Cell Phenotype Switching. <i>Circulation</i> , 2021, 143, 713-726.	1.6	61
13	Common Genetic Variation in MC4R Does Not Affect Atherosclerotic Plaque Phenotypes and Cardiovascular Disease Outcomes. <i>Journal of Clinical Medicine</i> , 2021, 10, 932.	2.4	3
14	Prosaposin mediates inflammation in atherosclerosis. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	42
15	Preclinical Feasibility and Patency Analyses of a New Distal Coronary Connector: The ELANA Heart Bypass. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021, 16, 163-168.	0.9	3
16	The prognostic value of automated coronary calcium derived by a deep learning approach on non-ECG gated CT images from 82Rb-PET/CT myocardial perfusion imaging. <i>International Journal of Cardiology</i> , 2021, 329, 9-15.	1.7	9
17	Common Variants Associated With OSMR Expression Contribute to Carotid Plaque Vulnerability, but Not to Cardiovascular Disease in Humans. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 658915.	2.4	3
18	Persistent Symptoms and Health Needs of Women and Men With Non-Obstructed Coronary Arteries in the Years Following Coronary Angiography. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 670843.	2.4	5

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19	Hunt for the (Multi)-Marker Grail in the Diverse Landscape of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1789-1791.	2.4	0
20	Exploring the causal inference of shear stress associated DNA methylation in carotid plaque on cardiovascular risk. <i>Atherosclerosis</i> , 2021, 325, 30-37.	0.8	2
21	Monocyte-Chemoattractant Protein-1 Levels in Human Atherosclerotic Lesions Associate With Plaque Vulnerability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2038-2048.	2.4	48
22	Plasma Testosterone Levels and Atherosclerotic Plaque Gene Expression in Men With Advanced Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 693351.	2.4	3
23	Scientists on the Spot: Re-defining atherosclerosis through biobanks. <i>Cardiovascular Research</i> , 2021, 117, e99-e100.	3.8	0
24	Mildly Increased Renin Expression in the Absence of Kidney Injury in the Murine Transverse Aortic Constriction Model. <i>Frontiers in Pharmacology</i> , 2021, 12, 614656.	3.5	0
25	APRIL limits atherosclerosis by binding to heparan sulfate proteoglycans. <i>Nature</i> , 2021, 597, 92-96.	27.8	38
26	High levels of osteoprotegerin are associated with coronary artery calcification in patients suspected of a chronic coronary syndrome. <i>Scientific Reports</i> , 2021, 11, 18946.	3.3	10
27	Pre-Operative Plasma Extracellular Vesicle Proteins are Associated with a High Risk of Long Term Secondary Major Cardiovascular Events in Patients Undergoing Carotid Endarterectomy. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 62, 705-715.	1.5	5
28	Mast Cell Distribution in Human Carotid Atherosclerotic Plaque Differs Significantly by Histological Segment. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 62, 808-815.	1.5	4
29	Sex-dependent gene co-expression in the human body. <i>Scientific Reports</i> , 2021, 11, 18758.	3.3	11
30	The changing landscape of the vulnerable plaque: a call for fine-tuning of preclinical models. <i>Vascular Pharmacology</i> , 2021, 141, 106924.	2.1	4
31	Identification of Biomarkers That Are Associated with Clinical Complications of Hemoglobin SC Disease and Sickle Cell Anemia. <i>Blood</i> , 2021, 138, 962-962.	1.4	2
32	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
33	Validation of randomized controlled trial-derived models for the prediction of postintervention outcomes in chronic limb-threatening ischemia. <i>Journal of Vascular Surgery</i> , 2020, 71, 869-879.	1.1	7
34	Flow cytometric mepacrine fluorescence can be used for the exclusion of platelet dense granule deficiency. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 706-713.	3.8	16
35	Temporal relations between atrial fibrillation and ischaemic stroke and their prognostic impact on mortality. <i>Europace</i> , 2020, 22, 522-529.	1.7	11
36	PCSK6 Is a Key Protease in the Control of Smooth Muscle Cell Function in Vascular Remodeling. <i>Circulation Research</i> , 2020, 126, 571-585.	4.5	38

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37	Automated calcium scores collected during myocardial perfusion imaging improve identification of obstructive coronary artery disease. <i>IJC Heart and Vasculature</i> , 2020, 26, 100434.	1.1	11
38	Microanatomy of the Human Atherosclerotic Plaque by Single-Cell Transcriptomics. <i>Circulation Research</i> , 2020, 127, 1437-1455.	4.5	283
39	The age- and sex-specific composition of atherosclerotic plaques in vascular surgery patients. <i>Atherosclerosis</i> , 2020, 310, 1-10.	0.8	15
40	Genetic Regulation of Atherosclerosis-Relevant Phenotypes in Human Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2020, 127, 1552-1565.	4.5	60
41	Association of Factor V Leiden With Subsequent Atherothrombotic Events. <i>Circulation</i> , 2020, 142, 546-555.	1.6	11
42	H3K27ac acetylome signatures reveal the epigenomic reorganization in remodeled non-failing human hearts. <i>Clinical Epigenetics</i> , 2020, 12, 106.	4.1	20
43	Stem Cell Pluripotency Genes Klf4 and Oct4 Regulate Complex SMC Phenotypic Changes Critical in Late-Stage Atherosclerotic Lesion Pathogenesis. <i>Circulation</i> , 2020, 142, 2045-2059.	1.6	221
44	Sex differences in flow cytometry-based platelet reactivity in stable outpatients suspected of myocardial ischemia. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2020, 4, 879-885.	2.3	11
45	Intrinsic transcriptomic sex differences in human endothelial cells at birth and in adults are associated with coronary artery disease targets. <i>Scientific Reports</i> , 2020, 10, 12367.	3.3	39
46	Elevated Lp(a) (Lipoprotein[a]) Levels Increase Risk of 30-Day Major Adverse Cardiovascular Events in Patients Following Carotid Endarterectomy. <i>Stroke</i> , 2020, 51, 2972-2982.	2.0	16
47	The TAXINOMISIS Project: A multidisciplinary approach for the development of a new risk stratification model for patients with asymptomatic carotid artery stenosis. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13411.	3.4	7
48	Cardiovascular imaging of women and men visiting the outpatient clinic with chest pain or discomfort: design and rationale of the ARGUS Study. <i>BMJ Open</i> , 2020, 10, e040712.	1.9	4
49	Clonally expanding smooth muscle cells promote atherosclerosis by escaping efferocytosis and activating the complement cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15818-15826.	7.1	83
50	Family history and polygenic risk of cardiovascular disease: Independent factors associated with secondary cardiovascular events in patients undergoing carotid endarterectomy. <i>Atherosclerosis</i> , 2020, 307, 121-129.	0.8	13
51	Cerebral Small Vessel Disease in Standard Pre-operative Imaging Reports Is Independently Associated with Increased Risk of Cardiovascular Death Following Carotid Endarterectomy. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 872-880.	1.5	10
52	AG-348 (Mitapivat), an allosteric activator of red blood cell pyruvate kinase, increases enzymatic activity, protein stability, and ATP levels over a broad range of PKLR genotypes. <i>Haematologica</i> , 2020, 106, 238-249.	3.5	45
53	Circulating Neutrophils Do Not Predict Subclinical Coronary Artery Disease in Women with Former Preeclampsia. <i>Cells</i> , 2020, 9, 468.	4.1	5
54	The therapeutic potential of targeting CD40-TRAF6 pathway in cardiovascular Diseases. <i>International Journal of Cardiology</i> , 2020, 300, 220.	1.7	1

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55	Sclerostin Downregulation Globally by Naturally Occurring Genetic Variants, or Locally in Atherosclerotic Plaques, Does Not Associate With Cardiovascular Events in Humans. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1326-1339.	2.8	14
56	Low-density lipoproteins cause atherosclerotic cardiovascular disease: pathophysiological, genetic, and therapeutic insights: a consensus statement from the European Atherosclerosis Society Consensus Panel. <i>European Heart Journal</i> , 2020, 41, 2313-2330.	2.2	776
57	Testosterone to oestradiol ratio reflects systemic and plaque inflammation and predicts future cardiovascular events in men with severe atherosclerosis. <i>Cardiovascular Research</i> , 2019, 115, 453-462.	3.8	48
58	A Pro-Inflammatory Biomarker-Profile Predicts Amputation-Free Survival in Patients with Severe Limb Ischemia. <i>Scientific Reports</i> , 2019, 9, 10740.	3.3	10
59	A head-to-head comparison of conjugation methods for VHHs: Random maleimide-thiol coupling versus controlled click chemistry. <i>International Journal of Pharmaceutics: X</i> , 2019, 1, 100020.	1.6	4
60	Exercise reduces inflammatory cell production and cardiovascular inflammation via instruction of hematopoietic progenitor cells. <i>Nature Medicine</i> , 2019, 25, 1761-1771.	30.7	157
61	Magnetic Resonance Imaging Identified Brain Ischaemia in Symptomatic Patients Undergoing Carotid Endarterectomy Is Related to Histologically Apparent Intraplaque Haemorrhage. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, 796-804.	1.5	1
62	The Effect of Metabolic Syndrome on the Occurrence of Restenosis After Carotid Endarterectomy. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, 805-812.	1.5	3
63	Platelet RNA modules point to coronary calcification in asymptomatic women with former preeclampsia. <i>Atherosclerosis</i> , 2019, 291, 114-121.	0.8	5
64	Oncostatin M reduces atherosclerosis development in APOE*3Leiden.CETP mice and is associated with increased survival probability in humans. <i>PLoS ONE</i> , 2019, 14, e0221477.	2.5	10
65	Preoperative hypertension is associated with atherosclerotic intraplaque hemorrhage in patients undergoing carotid endarterectomy. <i>Atherosclerosis</i> , 2019, 290, 214-221.	0.8	7
66	Discovery of biomarkers for the presence and progression of left ventricular diastolic dysfunction and HEart faiLure with Preserved ejection Fraction in patients at risk for cardiovascular disease: rationale and design of the HELPFul case-cohort study in a Dutch cardiology outpatient clinic. <i>BMJ Open</i> , 2019, 9, e028408.	1.9	8
67	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002470.	3.6	17
68	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002471.	3.6	22
69	Sex-Specific Epidemiology of Heart Failure Risk and Mortality in Europe. <i>JACC: Heart Failure</i> , 2019, 7, 204-213.	4.1	54
70	Rapid and reproducible characterization of sickling during automated deoxygenation in sickle cell disease patients. <i>American Journal of Hematology</i> , 2019, 94, 575-584.	4.1	47
71	Design and characterization of Î±1-antitrypsin variants for treatment of contact systemâ€driven thromboinflammation. <i>Blood</i> , 2019, 134, 1658-1669.	1.4	20
72	Polygenic Susceptibility of Aortic Aneurysms Associates to the Diameter of the Aneurysm Sac: the Aneurysm-Express Biobank Cohort. <i>Scientific Reports</i> , 2019, 9, 19844.	3.3	3

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73	A single preoperative blood test predicts postoperative sepsis and pneumonia after coronary bypass or open aneurysm surgery. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13055.	3.4	14
74	Reassessing the Mechanisms of Acute Coronary Syndromes. <i>Circulation Research</i> , 2019, 124, 150-160.	4.5	290
75	Small molecule-mediated inhibition of CD40-TRAF6 reduces adverse cardiac remodelling in pressure overload induced heart failure. <i>International Journal of Cardiology</i> , 2019, 279, 141-144.	1.7	14
76	Circulating CD14 ⁺ CD16 ⁺ classical monocytes do not associate with a vulnerable plaque phenotype, and do not predict secondary events in severe atherosclerotic patients. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 127, 260-269.	1.9	16
77	Network analysis of coronary artery disease risk genes elucidates disease mechanisms and druggable targets. <i>Scientific Reports</i> , 2018, 8, 3434.	3.3	43
78	Overtreatment or Undertreatment of Carotid Disease: A Transatlantic Comparison of Carotid Endarterectomy Patient Cohorts. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e004607.	2.2	2
79	Renin and aldosterone are not associated with vulnerable plaque characteristics in patients with carotid artery disease. <i>Journal of Vascular Surgery</i> , 2018, 68, 128-135.	1.1	1
80	HEART score performance in Asian and Caucasian patients presenting to the emergency department with suspected acute coronary syndrome. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018, 7, 591-601.	1.0	10
81	Atherosclerotic plaque characteristics are not associated with future cardiovascular events in patients undergoing iliofemoral endarterectomy. <i>Journal of Vascular Surgery</i> , 2018, 67, 809-816.e1.	1.1	7
82	MicroRNA-100 Suppresses Chronic Vascular Inflammation by Stimulation of Endothelial Autophagy. <i>Circulation Research</i> , 2018, 122, 417-432.	4.5	100
83	Genetic Susceptibility Loci for Cardiovascular Disease and Their Impact on Atherosclerotic Plaques. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002115.	3.6	20
84	Inflammatory cytokine oncostatin M induces endothelial activation in macro- and microvascular endothelial cells and in APOE*3Leiden.CETP mice. <i>PLoS ONE</i> , 2018, 13, e0204911.	2.5	15
85	Smoking is Associated to DNA Methylation in Atherosclerotic Carotid Lesions. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002030.	3.6	23
86	Matrix Gla Protein, Plaque Stability, and Cardiovascular Events in Patients with Severe Atherosclerotic Disease. <i>Cardiology</i> , 2018, 141, 32-36.	1.4	16
87	A Novel Cardiovascular Prosthesis Made from Woven Ultrahigh-Molecular-Weight Polyethylene Fibers, Proof of Concept in a Sheep Model. <i>Annals of Vascular Surgery</i> , 2018, 52, 244-254.e1.	0.9	2
88	B Cell-Activating Factor Neutralization Aggravates Atherosclerosis. <i>Circulation</i> , 2018, 138, 2263-2273.	1.6	64
89	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	21.4	286
90	Hematological Parameters Outperform Plasma Markers in Predicting Long-Term Mortality After Coronary Angiography. <i>Angiology</i> , 2018, 69, 600-608.	1.8	9

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91	The Oxygenscan: A Rapid and Reproducible Test to Determine Patient-Specific, Clinically Relevant Biomarkers of Disease Severity in Sickle Cell Anemia. <i>Blood</i> , 2018, 132, 2360-2360.	1.4	1
92	The selective NLRP3-inflammasome inhibitor MCC950 reduces infarct size and preserves cardiac function in a pig model of myocardial infarction. <i>European Heart Journal</i> , 2017, 38, ehw247.	2.2	222
93	MicroRNAs. <i>Circulation Research</i> , 2017, 120, 5-7.	4.5	10
94	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	27.8	544
95	Leukocyte TLR5 deficiency inhibits atherosclerosis by reduced macrophage recruitment and defective T-cell responsiveness. <i>Scientific Reports</i> , 2017, 7, 42688.	3.3	15
96	Common coding variant in <i>SERPINA1</i> increases the risk for large artery stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3613-3618.	7.1	46
97	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
98	Uniform data collection in routine clinical practice in cardiovascular patients for optimal care, quality control and research: The Utrecht Cardiovascular Cohort. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 840-847.	1.8	18
99	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 534-543.	11.4	84
100	Circulating GDF-15 levels predict future secondary manifestations of cardiovascular disease explicitly in women but not men with atherosclerosis. <i>International Journal of Cardiology</i> , 2017, 241, 430-436.	1.7	24
101	Radiofrequency Ablation of the Atherosclerotic Plaque: a Proof of Concept Study in an Atherosclerotic Model. <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 221-232.	2.4	5
102	Genetic variation within the Y chromosome is not associated with histological characteristics of the atherosclerotic carotid artery or aneurysmal wall. <i>Atherosclerosis</i> , 2017, 259, 114-119.	0.8	6
103	Cardiorenal disease connection during post-menopause: The protective role of estrogen in uremic toxins induced microvascular dysfunction. <i>International Journal of Cardiology</i> , 2017, 238, 22-30.	1.7	16
104	The Microvasculature. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 10-12.	2.4	5
105	Impaired kidney function is associated with intraplaque hemorrhage in patients undergoing carotid endarterectomy. <i>Atherosclerosis</i> , 2017, 266, 128-135.	0.8	6
106	Growth Differentiation Factor 15 Is Associated With Major Amputation and Mortality in Patients With Peripheral Artery Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	29
107	Preeclampsia and coronary plaque erosion: Manifestations of endothelial dysfunction resulting in cardiovascular events in women. <i>European Journal of Pharmacology</i> , 2017, 816, 129-137.	3.5	29
108	High Levels of (Un)Switched Memory B Cells Are Associated With Better Outcome in Patients With Advanced Atherosclerotic Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	22

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109	203â€¦Extracellular matrix proteomics identifies molecular signature of symptomatic carotid plaques. <i>Heart</i> , 2017, 103, A137.1-A137.	2.9	0
110	Loss of Y Chromosome in Blood Is Associated With Major Cardiovascular Events During Follow-Up in Men After Carotid Endarterectomy. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, e001544.	5.1	78
111	Cleaved kininogen as a biomarker for bradykinin release in hereditary angioedema. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1700-1703.e8.	2.9	34
112	Live-cell Imaging of Platelet Degranulation and Secretion Under Flow. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	7
113	Sexâ€¦Based Differences in the Performance of the HEART Score in Patients Presenting to the Emergency Department With Acute Chest Pain. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	27
114	Effect of Monocyte-to-Lymphocyte Ratio on Heart Failure Characteristics and Hospitalizations in a Coronary Angiography Cohort. <i>American Journal of Cardiology</i> , 2017, 120, 911-916.	1.6	32
115	Temporal shifts in clinical presentation and underlying mechanisms of atherosclerotic disease. <i>Nature Reviews Cardiology</i> , 2017, 14, 21-29.	13.7	131
116	A potential role for glycated cross-links in abdominal aortic aneurysm disease. <i>Journal of Vascular Surgery</i> , 2017, 65, 1493-1503.e3.	1.1	27
117	Patients with diabetes differ in atherosclerotic plaque characteristics and have worse clinical outcome after iliofemoral endarterectomy compared with patients without diabetes. <i>Journal of Vascular Surgery</i> , 2017, 65, 414-421.e5.	1.1	19
118	Leukocyte-Associated Immunoglobulin-like Receptor-1 is regulated in human myocardial infarction but its absence does not affect infarct size in mice. <i>Scientific Reports</i> , 2017, 7, 18039.	3.3	8
119	Biobanking in carotid artery disease: translation to clinical practice. <i>Journal of Cardiovascular Surgery</i> , 2017, 58, 178-186.	0.6	2
120	Flexible mechanoprosthesis made from woven ultra-high-molecular-weight polyethylene fibres: proof of concept in a chronic sheep model. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 25, 942-949.	1.1	5
121	Differential adipokine receptor expression on circulating leukocyte subsets in lean and obese children. <i>PLoS ONE</i> , 2017, 12, e0187068.	2.5	17
122	Adherence of <i>Staphylococcus aureus</i> to Dyneema PurityÂ® Patches and to Clinically Used Cardiovascular Prostheses. <i>PLoS ONE</i> , 2016, 11, e0162216.	2.5	3
123	Meta-analysis of 49â€¦549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in <i>ANGPTL4</i> determining fasting TG levels. <i>Journal of Medical Genetics</i> , 2016, 53, 441-449.	3.2	34
124	Human Validation of Genes Associated With a Murine Atherosclerotic Phenotype. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1240-1246.	2.4	44
125	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016, 48, 624-633.	21.4	870
126	Plasmin is a natural trigger for bradykinin production in patients with hereditary angioedema with factor XII mutations. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1414-1423.e9.	2.9	146

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127	Cystatin C and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2016, 68, 934-945.	2.8	109
128	Validation of Noninvasive In Vivo Compound Ultrasound Strain Imaging Using Histologic Plaque Vulnerability Features. <i>Stroke</i> , 2016, 47, 2770-2775.	2.0	49
129	Lost in the citation valley. <i>Nature Biotechnology</i> , 2016, 34, 1016-1018.	17.5	14
130	Lower Platelet Reactivity Is Associated with Presentation of Unstable Coronary Artery Disease. <i>International Journal of Angiology</i> , 2016, 25, 210-218.	0.6	1
131	Time-dependent differences in femoral artery plaque characteristics of peripheral arterial disease patients. <i>Atherosclerosis</i> , 2016, 255, 66-72.	0.8	9
132	Primary Outcome Assessment in a Pig Model of Acute Myocardial Infarction. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	12
133	Health-related quality of life and outcome in atherosclerosis " Does sex matter?. <i>International Journal of Cardiology</i> , 2016, 212, 303-306.	1.7	3
134	Women Undergoing Coronary Angiography for Myocardial Infarction or Who Present With Multivessel Disease Have a Poorer Prognosis Than Men. <i>Angiology</i> , 2016, 67, 571-581.	1.8	4
135	Ethnic differences in clinical outcome of patients presenting to the emergency department with chest pain. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016, 5, 32-40.	1.0	7
136	Routinely analyzed leukocyte characteristics improve prediction of mortality after coronary angiography. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1211-1220.	1.8	22
137	The use of platelet reactivity testing in patients on antiplatelet therapy for prediction of bleeding events after cardiac surgery. <i>Vascular Pharmacology</i> , 2016, 77, 19-27.	2.1	15
138	Translational failure of anti-inflammatory compounds for myocardial infarction: a meta-analysis of large animal models. <i>Cardiovascular Research</i> , 2016, 109, 240-248.	3.8	31
139	Extracellular vesicles for drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 148-156.	13.7	866
140	Keeping von Willebrand Factor under Control: Alternatives for ADAMTS13. <i>Seminars in Thrombosis and Hemostasis</i> , 2016, 42, 009-017.	2.7	15
141	Atheroprotective properties of human Omentin-1 in experimental atherosclerosis. <i>Cardiovascular Research</i> , 2016, 110, 1-3.	3.8	19
142	Targeting danger-associated molecular patterns after myocardial infarction. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 223-239.	3.4	48
143	A Laser-Assisted Anastomotic Technique: Feasibility on Human Diseased Coronary Arteries. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016, 11, 116-122.	0.9	0
144	Invasive surgery reduces infarct size and preserves cardiac function in a porcine model of myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2655-2663.	3.6	11

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145	Gender differences in health-related quality of life in patients undergoing coronary angiography. <i>Open Heart</i> , 2015, 2, e000231.	2.3	46
146	Fine mapping the CETP region reveals a common intronic insertion associated to HDL-C. <i>Npj Aging and Mechanisms of Disease</i> , 2015, 1, 15011.	4.5	8
147	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
148	Histological Analysis of Extracranial Carotid Artery Aneurysms. <i>PLoS ONE</i> , 2015, 10, e0117915.	2.5	27
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