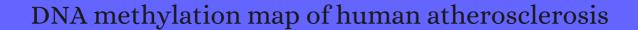
## CITATION REPORT List of articles citing



DOI: 10.1161/circgenetics.113.000441 Circulation: Cardiovascular Genetics, 2014, 7, 692-700.

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
195	Emerging epigenetic maps in atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , <b>2014</b> , 7, 573-5		
194	Epigenetic modulation in the treatment of atherosclerotic disease. Frontiers in Genetics, 2014, 5, 364	4.5	26
193	Recent developments in cardiovascular genetics and genomics. <b>2014</b> , 115, e11-7		5
192	Perinatal inflammation: a common factor in the early origins of cardiovascular disease?. <b>2015</b> , 129, 769	-84	31
191	Epigenetic Mechanisms of the Aging Human Retina. <b>2015</b> , 9, 51-79		25
190	Identification of a new locus and validation of previously reported loci showing differential methylation associated with smoking. The REGICOR study. <i>Epigenetics</i> , <b>2015</b> , 10, 1156-65	5.7	30
189	Chromatin methylation and cardiovascular aging. <b>2015</b> , 83, 21-31		16
188	Epigenetic-related therapeutic challenges in cardiovascular disease. <b>2015</b> , 36, 226-35		82
187	Tobacco smoking is associated with methylation of genes related to coronary artery disease. <i>Clinical Epigenetics</i> , <b>2015</b> , 7, 54	7.7	49
186	Promoter methylation of glucocorticoid receptor gene is associated with subclinical atherosclerosis: A monozygotic twin study. <i>Atherosclerosis</i> , <b>2015</b> , 242, 71-6	3.1	14
185	The potential role of DNA methylation in abdominal aortic aneurysms. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 11259-75	6.3	22
184	DNA methylation dynamics in human carotid plaques after cerebrovascular events. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 1835-42	9.4	28
183	Cell-composition effects in the analysis of DNA methylation array data: a mathematical perspective. <b>2015</b> , 16, 95		68
182	The DNA methylation drift of the atherosclerotic aorta increases with lesion progression. <i>BMC Medical Genomics</i> , <b>2015</b> , 8, 7	3.7	73
181	From inflammaging to healthy aging by dietary lifestyle choices: is epigenetics the key to personalized nutrition?. <i>Clinical Epigenetics</i> , <b>2015</b> , 7, 33	7.7	125
180	Genome-wide sperm DNA methylation changes after 3 months of exercise training in humans. <i>Epigenomics</i> , <b>2015</b> , 7, 717-31	4.4	96
179	Flow-Dependent Epigenetic DNA Methylation in Endothelial Gene Expression and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 1562-9	9.4	62

## (2016-2015)

178	The potential role of DNA methylation in the pathogenesis of abdominal aortic aneurysm. <i>Atherosclerosis</i> , <b>2015</b> , 241, 121-9	3.1	31
177	Epigenetics in the Vascular Endothelium: Looking From a Different Perspective in the Epigenomics Era. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 2297-306	9.4	40
176	Epigenetic reprogramming in atherosclerosis. Current Atherosclerosis Reports, 2015, 17, 476	6	40
175	Obesity and the reproductive system disorders: epigenetics as a potential bridge. <b>2015</b> , 21, 249-61		45
174	Vascular Pathobiology. <b>2016</b> , 85-124		6
173	Prenatal Air Pollution Exposures, DNA Methyl Transferase Genotypes, and Associations with Newborn LINE1 and Alu Methylation and Childhood Blood Pressure and Carotid Intima-Media Thickness in the Children's Health Study. <b>2016</b> , 124, 1905-1912		56
172	Methylome Analysis of Complex Diseases. <b>2016</b> , 441-456		
171	Epigenetic determinants of cardiovascular gene expression: vascular endothelium. <i>Epigenomics</i> , <b>2016</b> , 8, 959-79	4.4	9
170	Omics-based approaches to understand mechanosensitive endothelial biology and atherosclerosis. <b>2016</b> , 8, 378-401		12
169	Reference-free deconvolution of DNA methylation data and mediation by cell composition effects. <b>2016</b> , 17, 259		134
168	TRAF3 Epigenetic Regulation Is Associated With Vascular Recurrence in Patients With Ischemic Stroke. <b>2016</b> , 47, 1180-6		34
167	Epigenetic Changes in Diabetes and Cardiovascular Risk. <b>2016</b> , 118, 1706-22		76
166	Arachidonic and oleic acid exert distinct effects on the DNA methylome. <i>Epigenetics</i> , <b>2016</b> , 11, 321-34	5.7	40
165	Nutrigenomics, the Microbiome, and Gene-Environment Interactions: New Directions in Cardiovascular Disease Research, Prevention, and Treatment: A Scientific Statement From the American Heart Association. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 291-313		66
164	Epigenetic changes in leukocytes after 80weeks of resistance exercise training. <b>2016</b> , 116, 1245-53		36
163	Comparative DNA methylation and gene expression analysis identifies novel genes for structural congenital heart diseases. <b>2016</b> , 112, 464-77		45
162	Associations between whole peripheral blood fatty acids and DNA methylation in humans. <i>Scientific Reports</i> , <b>2016</b> , 6, 25867	4.9	28
161	DNA Methyltransferase Inhibitors: Development and Applications. <b>2016</b> , 945, 431-473		17

160	The trans fatty acid elaidate affects the global DNA methylation profile of cultured cells and in vivo. <b>2016</b> , 15, 75		20
159	The role of endothelial mechanosensitive genes in atherosclerosis and omics approaches. <b>2016</b> , 591, 111-31		34
158	DNA methylation in cystathionine-Elyase (CSE) gene promoter induced by ox-LDL in macrophages and in apoE knockout mice. <b>2016</b> , 469, 776-82		27
157	[Epigenetics in atherosclerosis]. <b>2016</b> , 28, 102-19		3
156	Epigenetics of Atherosclerosis: Emerging Mechanisms and Methods. 2017, 23, 332-347		109
155	Epigenetics and cerebrovascular diseases. <b>2017</b> , 277-298		O
154	Abdominal aortic aneurysm-an independent disease to atherosclerosis?. <b>2017</b> , 27, 71-75		54
153	Mapping the methylation status of the miR-145 promoter in saphenous vein smooth muscle cells from individuals with type 2 diabetes. <b>2017</b> , 14, 122-129		5
152	The epigenetic landscape of age-related diseases: the geroscience perspective. <b>2017</b> , 18, 549-559		46
151	DNA methylome analysis reveals distinct epigenetic patterns of ascending aortic dissection and bicuspid aortic valve. <b>2017</b> , 113, 692-704		20
150	Epigenetic changes in blood leukocytes following an omega-3 fatty acid supplementation. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 43	7.7	57
149	Technologies for Deciphering Epigenomic DNA Patterns. <b>2017</b> , 978, 477-488		
148	Association between DNA methylation and coronary heart disease or other atherosclerotic events: A systematic review. <i>Atherosclerosis</i> , <b>2017</b> , 263, 325-333	3.1	72
147	The Link Between Hyperhomocysteinemia and Hypomethylation: Implications for Cardiovascular Disease. <b>2017</b> , 5, 232640981769899		25
146	Identification of functional SNPs in human LGALS3 gene by in silico analyses. <b>2017</b> , 18, 321-328		8
145	Targeting vasa vasorum dysfunction to prevent atherosclerosis. <b>2017</b> , 96-98, 5-10		39
144	Epigenetic programming, early life nutrition and the risk of metabolic disease. <i>Atherosclerosis</i> , <b>2017</b> , 266, 31-40	3.1	72
143	Connecting the Dots Between Fatty Acids, Mitochondrial Function, and DNA Methylation in Atherosclerosis. <i>Current Atherosclerosis Reports</i> , <b>2017</b> , 19, 36	6	3

142	Translational Perspective on Epigenetics in Cardiovascular Disease. <b>2017</b> , 70, 590-606		51
141	Exploring the mitochondrial microRNA import pathway through Polynucleotide Phosphorylase (PNPase). <b>2017</b> , 110, 15-25		48
140	Epigenetics-by-Sex Interaction for Coronary Artery Disease Risk Conferred by the Cystathionine Lyase Gene Promoter Methylation. <b>2017</b> , 21, 741-748		14
139	Genome-wide DNA methylome alterations in acute coronary syndrome. <b>2018</b> , 41, 220-232		8
138	The Mammalian Target of Rapamycin and DNA methyltransferase 1 axis mediates vascular endothelial dysfunction in response to disturbed flow. <i>Scientific Reports</i> , <b>2017</b> , 7, 14996	4.9	16
137	Identification of differentially methylated BRCA1 and CRISP2 DNA regions as blood surrogate markers for cardiovascular disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 5120	4.9	23
136	An epigenome-wide study of body mass index and DNA methylation in blood using participants from the Sister Study cohort. <b>2017</b> , 41, 194-199		35
135	Folic Acid Supplementation Delays Atherosclerotic Lesion Development by Modulating MCP1 and VEGF DNA Methylation Levels In Vivo and In Vitro. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	27
134	DNA Methylation and the Potential Role of Methyl-Containing Nutrients in Cardiovascular Diseases. <b>2017</b> , 2017, 1670815		8
133	Biological Age is a predictor of mortality in Ischemic Stroke. <i>Scientific Reports</i> , <b>2018</b> , 8, 4148	4.9	33
133	Biological Age is a predictor of mortality in Ischemic Stroke. <i>Scientific Reports</i> , <b>2018</b> , 8, 4148  The epigenetic alterations of endogenous retroelements in aging. <b>2018</b> , 174, 30-46	4.9	33
		4.9	
132	The epigenetic alterations of endogenous retroelements in aging. <b>2018</b> , 174, 30-46  Liver X Receptor-Binding DNA Motif Associated With Atherosclerosis-Specific DNA Methylation	4.9	38
132	The epigenetic alterations of endogenous retroelements in aging. <b>2018</b> , 174, 30-46  Liver X Receptor-Binding DNA Motif Associated With Atherosclerosis-Specific DNA Methylation Profiles of Elements and Neighboring CpG Islands. <b>2018</b> , 7,	4.9	38
132 131 130	The epigenetic alterations of endogenous retroelements in aging. 2018, 174, 30-46  Liver X Receptor-Binding DNA Motif Associated With Atherosclerosis-Specific DNA Methylation Profiles of Elements and Neighboring CpG Islands. 2018, 7,  DNA Methylation in Stroke. Update of Latest Advances. 2018, 16, 1-5	4.9	38 6 23
132 131 130	The epigenetic alterations of endogenous retroelements in aging. 2018, 174, 30-46  Liver X Receptor-Binding DNA Motif Associated With Atherosclerosis-Specific DNA Methylation Profiles of Elements and Neighboring CpG Islands. 2018, 7,  DNA Methylation in Stroke. Update of Latest Advances. 2018, 16, 1-5  The role of DNA methylation in coronary artery disease. 2018, 646, 91-97  epigenetics of metal exposure and subclinical atherosclerosis in middle aged men: pilot results	4.9	38 6 23 22
132 131 130 129	The epigenetic alterations of endogenous retroelements in aging. 2018, 174, 30-46  Liver X Receptor-Binding DNA Motif Associated With Atherosclerosis-Specific DNA Methylation Profiles of Elements and Neighboring CpG Islands. 2018, 7,  DNA Methylation in Stroke. Update of Latest Advances. 2018, 16, 1-5  The role of DNA methylation in coronary artery disease. 2018, 646, 91-97  epigenetics of metal exposure and subclinical atherosclerosis in middle aged men: pilot results from the Aragon Workers Health Study. 2018, 373,  Identification of novel hyper-Tor hypomethylated CpG sites and genes associated with	4.9	38 6 23 22

124	Analysis of repeated leukocyte DNA methylation assessments reveals persistent epigenetic alterations after an incident myocardial infarction. <i>Clinical Epigenetics</i> , <b>2018</b> , 10, 161	7.7	14
123	A systems biology network analysis of nutri(epi)genomic changes in endothelial cells exposed to epicatechin metabolites. <i>Scientific Reports</i> , <b>2018</b> , 8, 15487	4.9	25
122	The Role of Natural Products in Targeting Cardiovascular Diseases via Nrf2 Pathway: Novel Molecular Mechanisms and Therapeutic Approaches. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 1308	5.6	29
121	Epigenetic Modifications in Cardiovascular Aging and Diseases. <b>2018</b> , 123, 773-786		90
120	OBSOLETE: Bioinformatics Principles for Deciphering Cardiovascular Diseases. 2018,		1
119	A Systems Perspective of Complex Diseases: From Reductionism to Integration. <b>2018</b> , 17-36		
118	Bioinformatics Principles for Deciphering Cardiovascular Diseases. <b>2018</b> , 273-292		2
117	The transcriptomic and epigenetic map of vascular quiescence in the continuous lung endothelium. <i>ELife</i> , <b>2018</b> , 7,	8.9	25
116	Vasa Vasorum Angiogenesis: Key Player in the Initiation and Progression of Atherosclerosis and Potential Target for the Treatment of Cardiovascular Disease. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 706	8.4	87
115	promoter DNA methylation is associated with abdominal aortic aneurysm (AAA) and expression in vascular smooth muscle cells. <i>Clinical Epigenetics</i> , <b>2018</b> , 10, 29	7.7	21
114	Folic acid modulates VPO1 DNA methylation levels and alleviates oxidative stress-induced apoptosis in vivo and in vitro. <i>Redox Biology</i> , <b>2018</b> , 19, 81-91	11.3	30
113	Interactions between dyslipidemia and the immune system and their relevance as putative therapeutic targets in atherosclerosis. <i>Pharmacology &amp; Therapeutics</i> , <b>2019</b> , 193, 50-62	13.9	25
112	Correlation Between Altered DNA Methylation of Intergenic Regions of ITPR3 and Development of Delayed Cerebral Ischemia in Patients with Subarachnoid Hemorrhage. <b>2019</b> , 130, e449-e456		11
111	Targeting Early Atherosclerosis: A Focus on Oxidative Stress and Inflammation. <b>2019</b> , 2019, 8563845		191
110	DNA hypermethylation in disease: mechanisms and clinical relevance. <i>Epigenetics</i> , <b>2019</b> , 14, 1141-1163	5.7	110
109	Clonal Hematopoiesis of Indeterminate Potential Reshapes Age-Related CVD: JACC Review Topic of the Week. <b>2019</b> , 74, 578-586		27
108	Epigenetic Modification in Coronary Atherosclerosis: JACC Review Topic of the Week. <b>2019</b> , 74, 1352-1	365	27
107	The isolation and molecular characterization of cerebral microvessels. <b>2019</b> , 14, 3059-3081		25

106	Tissue-specific epigenetics of atherosclerosis-related ANGPT and ANGPTL genes. <i>Epigenomics</i> , <b>2019</b> , 11, 169-186	4.4	17	
105	Epigenetics and vascular diseases. <b>2019</b> , 133, 148-163		21	
104	Promising Directions in Atherosclerosis Treatment Based on Epigenetic Regulation Using MicroRNAs and Long Noncoding RNAs. <b>2019</b> , 9,		29	
103	Methylome-Wide Association Study in Peripheral White Blood Cells Focusing on Central Obesity and Inflammation. <b>2019</b> , 10,		9	
102	Slowing Down Ageing: The Role of Nutrients and Microbiota in Modulation of the Epigenome. <b>2019</b> , 11,		20	
101	Arsenic inhibited cholesterol efflux of THP-1 macrophages via ROS-mediated ABCA1 hypermethylation. <b>2019</b> , 424, 152225		6	
100	Epigenome-Wide Association Study Indicates Hypomethylation of MTRNR2L8 in Large-Artery Atherosclerosis Stroke. <b>2019</b> , 50, 1330-1338		20	
99	Data showing atherosclerosis-associated differentially methylated regions are often at enhancers. <b>2019</b> , 23, 103812		3	
98	Associations between atherosclerosis and neurological diseases, beyond ischemia-induced cerebral damage. <b>2019</b> , 20, 15-25		3	
97	DNA methylation and hydroxymethylation are associated with the degree of coronary atherosclerosis in elderly patients with coronary heart disease. <i>Life Sciences</i> , <b>2019</b> , 224, 241-248	6.8	22	
96	Identification of atheroprone shear stress responsive regulatory elements in endothelial cells. <b>2019</b> , 115, 1487-1499		26	
95	Epigenetic Mechanisms of Ischemic Stroke. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , <b>2019</b> , 13, 289-300	0.7	1	
94	Characterization of Blood Surrogate Immune-Methylation Biomarkers for Immune Cell Infiltration in Chronic Inflammaging Disorders. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1229	4.5	6	
93	DNA methylation processes in atheosclerotic plaque. <i>Atherosclerosis</i> , <b>2019</b> , 281, 168-179	3.1	32	
92	The involvement of epigenetics in vascular disease development. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2019</b> , 107, 27-31	5.6	13	
91	Differential methylation pattern in patients with coronary artery disease: pilot study. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 541-550	2.8	6	
90	Atherosclerosis-associated differentially methylated regions can reflect the disease phenotype and are often at enhancers. <i>Atherosclerosis</i> , <b>2019</b> , 280, 183-191	3.1	19	
89	First-episode schizophrenia is associated with a reduction of HERV-K methylation in peripheral blood. <i>Psychiatry Research</i> , <b>2019</b> , 271, 459-463	9.9	17	

88	Potential epigenetic therapeutics for atherosclerosis treatment. <i>Atherosclerosis</i> , <b>2019</b> , 281, 189-197	3.1	31
87	Type 2 diabetes mellitus and cardiovascular risk; what the pharmacotherapy can change through the epigenetics. <i>Postgraduate Medicine</i> , <b>2020</b> , 132, 109-125	3.7	3
86	Immunosuppressive Siglec-E ligands on mouse aorta are up-regulated by LPS via NF- <b>B</b> pathway. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 122, 109760	7.5	3
85	Genome-wide blood DNA methylation analysis in patients with delayed cerebral ischemia after subarachnoid hemorrhage. <i>Scientific Reports</i> , <b>2020</b> , 10, 11419	4.9	5
84	Epigenetic Landscape Changes Due to Acupuncture Treatment: From Clinical to Basic Research. <i>Chinese Journal of Integrative Medicine</i> , <b>2020</b> , 26, 633-640	2.9	2
83	Is Any Cardiovascular Disease-Specific DNA Methylation Biomarker Within Reach?. <i>Current Atherosclerosis Reports</i> , <b>2020</b> , 22, 62	6	5
82	Aberrantly Methylated-Differentially Expressed Genes Identify Novel Atherosclerosis Risk Subtypes. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 569572	4.5	2
81	Epigenetic control of atherosclerosis via DNA methylation: A new therapeutic target?. <i>Life Sciences</i> , <b>2020</b> , 253, 117682	6.8	3
80	DNA Methylation Biomarkers in Aging and Age-Related Diseases. Frontiers in Genetics, 2020, 11, 171	4.5	62
79	In Search for Genes Related to Atherosclerosis and Dyslipidemia Using Animal Models. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
78	High Throughput Screen Identifies the DNMT1 (DNA Methyltransferase-1) Inhibitor, 5-Azacytidine, as a Potent Inducer of PTEN (Phosphatase and Tensin Homolog): Central Role for PTEN in 5-Azacytidine Protection Against Pathological Vascular Remodeling. <i>Arteriosclerosis, Thrombosis,</i>	9.4	8
77	and Vascular Biology, <b>2020</b> , 40, 1854-1869 Epigenetic-sensitive pathways in personalized therapy of major cardiovascular diseases.  Pharmacology & Therapeutics, <b>2020</b> , 210, 107514	13.9	49
76	DNA hypermethylation: A novel mechanism of CREG gene suppression and atherosclerogenic endothelial dysfunction. <i>Redox Biology</i> , <b>2020</b> , 32, 101444	11.3	11
75	Interaction Between microRNA and DNA Methylation in Atherosclerosis. <i>DNA and Cell Biology</i> , <b>2021</b> , 40, 101-115	3.6	7
74	Elucidation of Epigenetic Landscape in Coronary Artery Disease: A Review on Basic Concept to Personalized Medicine. <i>Epigenetics Insights</i> , <b>2021</b> , 14, 2516865720988567	3	2
73	Radiation-induced cardiovascular disease: an overlooked role for DNA methylation?. <i>Epigenetics</i> , <b>2021</b> , 1-22	5.7	2
7 <sup>2</sup>	Epigenetic Mechanisms in Diabetic Vascular Complications and Metabolic Memory: The 2020 Edwin Bierman Award Lecture. <i>Diabetes</i> , <b>2021</b> , 70, 328-337	0.9	12
71	Twin studies on the epigenetics of selected neurological disorders and carotid artery disease. <b>2021</b> , 19	93-211	

70	Epigenetics and expression of key genes associated with cardiac fibrosis: and. <i>Epigenomics</i> , <b>2021</b> , 13, 219-234	4.4	7
69	The Therapeutic Potential of Epigenome-Modifying Drugs in Cardiometabolic Disease. <i>Current Genetic Medicine Reports</i> , <b>2021</b> , 9, 22-36	2.2	
68	Inhibition of macrophage histone demethylase JMJD3 protects against abdominal aortic aneurysms. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	10
67	Epigenome-wide analysis of long-term air pollution exposure and DNA methylation in monocytes: results from the Multi-Ethnic Study of Atherosclerosis. <i>Epigenetics</i> , <b>2021</b> , 1-17	5.7	2
66	The epigenetic etiology of cardiovascular disease in a longitudinal Swedish twin study. <i>Clinical Epigenetics</i> , <b>2021</b> , 13, 129	7.7	0
65	Altered DNA methylation pattern reveals epigenetic regulation of Hox genes in thoracic aortic dissection and serves as a biomarker in disease diagnosis. <i>Clinical Epigenetics</i> , <b>2021</b> , 13, 124	7.7	1
64	LncRNA-TCONS_00034812 is upregulated in atherosclerosis and upregulates miR-21 through methylation in vascular smooth muscle cells. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 1005	3.2	1
63	DNA methylation analyses identify an intronic ZDHHC6 locus associated with time to recurrent stroke in the Vitamin Intervention for Stroke Prevention (VISP) clinical trial. <i>PLoS ONE</i> , <b>2021</b> , 16, e0254	5 <i>6</i> 2	1
62	Identification of Differentially-Methylated Genes and Pathways in Patients with Delayed Cerebral Ischemia Following Subarachnoid Hemorrhage. <i>Journal of Korean Neurosurgical Society</i> , <b>2021</b> ,	2.3	0
61	Genome-Wide DNA Methylation Pattern in Whole Blood Associated With Primary Intracerebral Hemorrhage. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 702244	8.4	2
60	Targeting epigenetic modifiers to reprogramme macrophages in non-resolving inflammation-driven atherosclerosis. <i>European Heart Journal Open</i> , <b>2021</b> , 1,		O
59	Emerging Single-Cell Technological Approaches to Investigate Chromatin Dynamics and Centromere Regulation in Human Health and Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	O
58	Epigenome-wide analysis of DNA methylation and coronary heart disease: a nested case-control study. <i>ELife</i> , <b>2021</b> , 10,	8.9	O
57	Genetic Heterogeneity in Chronic Myeloid Leukemia: How Clonal Hematopoiesis and Clonal Evolution May Influence Prognosis, Treatment Outcome, and Risk of Cardiovascular Events. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , <b>2021</b> , 21, 573-579	2	2
56	Epigenetic dysregulation in cardiovascular aging and disease. <b>2021</b> , 1,		1
55	Genetics of Aortic Aneurysmal Disease. 1-10		2
54	The Key Role of DNA Methylation and Histone Acetylation in Epigenetics of Atherosclerosis. Journal of Lipid and Atherosclerosis, <b>2020</b> , 9, 419-434	3	16
53	DNA hydroxymethylation combined with carotid plaques as a novel biomarker for coronary atherosclerosis. <i>Aging</i> , <b>2019</b> , 11, 3170-3181	5.6	9

52	DNA methylation of MMPs and TIMPs in atherothrombosis process in carotid plaques and blood tissues. <i>Oncotarget</i> , <b>2020</b> , 11, 905-912	3.3	4
51	Epigenetics of Aging. Current Genomics, <b>2015</b> , 16, 435-40	2.6	32
50	New Ways to Target Vasa Vasorum for the Prevention and Treatment of Atherosclerosis. <b>2019</b> , 97-114		1
49	Epigenetics, the Vascular Wall, and Atherosclerosis. <b>2019</b> , 302-313		
48	Epigenetic Mechanisms of Angiogenesis in the Ischemic Heart Diseases with Acupuncture Treatment. <i>Medical Acupuncture</i> , <b>2020</b> , 32, 381-384	1.1	О
47	Epigenetics and expression of key genes associated with cardiac fibrosis:NLRP3, MMP2, MMP9, CCN2/CTGF, andAGT.		
46	Deoxyribonucleic acid methylation in the enhancer region of the CDKN2A/2B and CDKN2B-AS1 genes in blood vessels and cells in patients with carotid atherosclerosis. <i>Russian Journal of Cardiology</i> , <b>2020</b> , 25, 4060	1.3	
45	ABCA1 and ABCG1 DNA methylation in epicardial adipose tissue of patients with coronary artery disease. <i>BMC Cardiovascular Disorders</i> , <b>2021</b> , 21, 566	2.3	O
44	Nanoparticle-Based Modification of the DNA Methylome: A Therapeutic Tool for Atherosclerosis?. <i>Neurology International</i> , <b>2022</b> , 12, 12-23	О	
43	How to Slow down the Ticking Clock: Age-Associated Epigenetic Alterations and Related Interventions to Extend Life Span <i>Cells</i> , <b>2022</b> , 11,	7.9	7
42	Promoter DNA Methylation in GWAS-Identified Genes as Potential Functional Elements for Blood Pressure: An Observational and Mendelian Randomization Study <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 79114	6 <sup>4.5</sup>	O
41	DNA Methylation Aberrant in Atherosclerosis Frontiers in Pharmacology, <b>2022</b> , 13, 815977	5.6	2
40	Diverse Epigenetic Regulations of Macrophages in Atherosclerosis <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 868788	5.4	1
39	Mammalian peroxidasin (PXDN): From physiology to pathology <i>Free Radical Biology and Medicine</i> , <b>2022</b> , 182, 100-107	7.8	1
38	Repurposing Market Drugs to Target Epigenetic Enzymes in Human Diseases.		
37	Epigenetics and Vascular Disease. <b>2022</b> , 475-510		
36	miRNA Regulome in Different Atherosclerosis Phenotypes. <i>Molecular Biology</i> , <b>2022</b> , 56, 166-181	1.2	О
35	Data_Sheet_1.XLSX. <b>2020</b> ,		

## (2022-2020)

34	Data_Sheet_2.DOCX. <b>2020</b> ,	
33	Data_Sheet_3.DOCX. <b>2020</b> ,	
32	Data_Sheet_4.XLSX. <b>2020</b> ,	
31	Data_Sheet_5.XLSX. <b>2020</b> ,	
30	Data_Sheet_6.XLSX. <b>2020</b> ,	
29	Data_Sheet_7.XLSX. <b>2020</b> ,	
28	Data_Sheet_8.XLSX. <b>2020</b> ,	
27	Data_Sheet_9.XLSX. <b>2020</b> ,	
26	lmage_1.TIF. <b>2020</b> ,	
25	Image_2.TIF. <b>2020</b> ,	
24	Image_3.TIF. <b>2020</b> ,	
23	Image_4.TIF. <b>2020</b> ,	
22	DataSheet_1.docx. <b>2019</b> ,	
21	Table_1.xlsx. <b>2019</b> ,	
20	Table_2.xlsx. <b>2019</b> ,	
19	Table_1.DOCX. <b>2020</b> ,	
18	Clinical Parameters and Epigenetic Biomarkers of Plaque Vulnerability in Patients with Carotid Stenosis <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	
17	Integrated investigation of DNA methylation, gene expression and immune cell population revealed immune cell infiltration associated with atherosclerotic plaque formation <i>BMC Medical</i> 3.7 1 <i>Genomics</i> , <b>2022</b> , 15, 108	

16	Dynamic epigenetic age mosaicism in the human atherosclerotic artery. <i>PLoS ONE</i> , <b>2022</b> , 17, e0269501	3.7	O
15	Genetics and Epigenetics of Spontaneous Intracerebral Hemorrhage. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6479	6.3	1
14	Vascular Pathobiology: Atherosclerosis and Large Vessel Disease. <b>2022</b> , 265-306		
13	An epigenome-wide association study of insulin resistance in African Americans. <i>Clinical Epigenetics</i> , <b>2022</b> , 14,	7.7	
12	Effect of menopausal hormone therapy on methylation levels in early and late postmenopausal women. <i>Clinical Epigenetics</i> , <b>2022</b> , 14,	7.7	
11	Assessment of Students Performance and E-learning Experience using Online Social Networks. <b>2022</b> ,		
10	Helicobacter pylori infection and DNMT3a polymorphism are associated with the presence of premature coronary artery disease and subclinical atherosclerosis. Data from the GEA Mexican Study. <b>2022</b> , 170, 105719		1
9	Maternal pre-pregnancy body mass index and offspring with overweight/obesity at preschool age: The possible role of epigenome-wide DNA methylation changes in cord blood.		О
8	Bioinformatics Identification of Aberrantly Methylated Differentially Expressed Genes Associated with Arteriosclerosis by Integrative Analysis of Gene Expression and DNA Methylation Datasets. <b>2022</b> , 13, 1818		О
7	Inhibitors of DNA Methylation. <b>2022</b> , 471-513		O
6	HTRA1 methylation in peripheral blood as a potential marker for the preclinical detection of stroke: a caseflontrol study and a prospective nested caseflontrol study. <b>2022</b> , 14,		0
5	Microbiota Effect on Trimethylamine N-Oxide Production: From Cancer to Fitness Practical Preventing Recommendation and Therapies. <b>2023</b> , 15, 563		O
4	Progress in molecular biology and translational science: Epigenetics in cardiovascular health and disease. <b>2023</b> ,		0
3	DNA methylation and cardiovascular disease in humans: a systematic review and database of known CpG methylation sites. <b>2023</b> , 15,		O
2	DNA methylation changes underlie the long-term association between periodontitis and atherosclerotic cardiovascular disease. 10,		O
1	Hallmarks of cardiovascular ageing.		O