

# Anton Markov

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

206  
citations

1307594

7  
h-index

1058476

14  
g-index

35  
all docs

35  
docs citations

35  
times ranked

331  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparison of Genome-Wide DNA Methylation Patterns between Different Vascular Tissues from Patients with Coronary Heart Disease. PLoS ONE, 2015, 10, e0122601.	2.5	54
2	Genomic structural variations for cardiovascular and metabolic comorbidity. Scientific Reports, 2017, 7, 41268.	3.3	29
3	Structural Variability, Expression Profile, and Pharmacogenetic Properties of TMPRSS2 Gene as a Potential Target for COVID-19 Therapy. Genes, 2021, 12, 19.	2.4	22
4	IDENTIFICATION OF DIFFERENTLY METHYLATED GENES POTENTIALLY RELATED TO HUMAN ATHEROSCLEROSIS. Russian Journal of Cardiology, 2017, , 42-48.	1.4	12
5	ABCA1 and ABCG1 DNA methylation in epicardial adipose tissue of patients with coronary artery disease. BMC Cardiovascular Disorders, 2021, 21, 566.	1.7	12
6	DNA methylation profiling of the vascular tissues in the setting of atherosclerosis. Molecular Biology, 2013, 47, 352-357.	1.3	10
7	Variability of methylation profiles of CpG sites in microRNA genes in leukocytes and vascular tissues of patients with atherosclerosis. Biochemistry (Moscow), 2017, 82, 698-706.	1.5	10
8	Genes for fibrogenesis in the determination of susceptibility to myocardial infarction. Molecular Biology, 2016, 50, 81-90.	1.3	6
9	LINE-1 retrotransposon methylation in chorionic villi of first trimester miscarriages with aneuploidy. Journal of Assisted Reproduction and Genetics, 2021, 38, 139-149.	2.5	6
10	Genetic Predisposition to Early Myocardial Infarction. Molecular Biology, 2020, 54, 196-203.	1.3	5
11	DNA Hypomethylation of the MPO Gene in Peripheral Blood Leukocytes Is Associated with Cerebral Stroke in the Acute Phase. Journal of Molecular Neuroscience, 2021, 71, 1914-1932.	2.3	5
12	Fibrogenesis Genes and Susceptibility to Coronary Atherosclerosis. Kardiologiya, 2018, 17, 33-44.	0.7	5
13	NLRP7 variants in spontaneous abortions with multilocus imprinting disturbances from women with recurrent pregnancy loss. Journal of Assisted Reproduction and Genetics, 2021, 38, 2893-2908.	2.5	4
14	ANALYSIS OF THE ASSOCIATION OF THE METHYLATION LEVELS OF MIR10B AND MIR21 GENES IN BLOOD LEUKOCYTES WITH ADVANCED CAROTID ATHEROSCLEROSIS. Siberian Medical Journal, 2018, 33, 77-82.	0.3	2
15	Identification of differentially methylated genes in first-trimester placentas with trisomy 16. Scientific Reports, 2022, 12, 1166.	3.3	2
16	DNA methylation and copy number events in atherosclerotic lesions. Atherosclerosis, 2016, 252, e83.	0.8	1
17	Analysis of heteroplasmy in the major noncoding region of mitochondrial DNA in the blood and atherosclerotic plaques of carotid arteries. Russian Journal of Genetics, 2016, 52, 436-440.	0.6	1
18	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. Russian Journal of Cardiology, 2020, 25, 4060.	1.4	1

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19	Experience in genetic testing of hypertrophic cardiomyopathy using nanopore DNA sequencing. Russian Journal of Cardiology, 2021, 26, 4673.	1.4	1
20	Methylation profile of INK4B-ARF-INK4A locus in atherosclerosis. Russian Journal of Genetics, 2013, 49, 681-684.	0.6	0
21	DNA methylation within microRNA genes in vessels and leukocytes of patients with atherosclerosis. Atherosclerosis, 2017, 263, e280.	0.8	0
22	Association of genes of different functional classes with type 1 diabetes. Russian Journal of Genetics, 2017, 53, 923-929.	0.6	0
23	Contribution of genes involved in fibrogenesis to myocardial echocardiographic parameters in patients with atherosclerosis. Atherosclerosis, 2018, 275, e130.	0.8	0
24	The methylation level of MIR10B and MIR21 genes promoters in carotid atherosclerosis. Atherosclerosis, 2018, 275, e189.	0.8	0
25	Accounting leukocyte infiltration in genome-wide DNA methylation studies of atherosclerotic plaque. Atherosclerosis, 2018, 275, e190.	0.8	0
26	Mitochondrial DNA polymorphism study in patients with carotid atherosclerosis suggests protective effect of haplogroup J. Atherosclerosis, 2018, 275, e187-e188.	0.8	0
27	Comparative Analysis of Gene Expression in Vascular Cells of Patients with Advanced Atherosclerosis. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2019, 13, 74-80.	0.4	0
28	The Integrative Approach For Identification Of New Molecular Targets Of Human Advanced Atherosclerosis. Atherosclerosis, 2019, 287, e70-e71.	0.8	0
29	Preparation of cell suspensions from arteries affected with atherosclerosis. Complex Issues of Cardiovascular Diseases, 2020, 9, 114-122.	0.5	0
30	Co-expression analysis of placental genes in the search for key signaling pathways and biomarkers of the great obstetrical syndromes. Sibirskij Ā¼urnal KliniĀeskoj I ĀksperimentalĀnoj Mediciny, 2022, 36, 144-155.	0.4	0