

Andrey V Grechko

List of Publications by Citations

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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.

65
papers

1,504
citations

21
h-index

37
g-index

74
ext. papers

2,218
ext. citations

3.3
avg, IF

5.33
L-index

#	Paper	IF	Citations
65	Mechanisms of foam cell formation in atherosclerosis. <i>Journal of Molecular Medicine</i> , 2017 , 95, 1153-1165	5.5	250
64	The role of mitochondrial dysfunction in cardiovascular disease: a brief review. <i>Annals of Medicine</i> , 2018 , 50, 121-127	1.5	165
63	Small Dense Low-Density Lipoprotein as Biomarker for Atherosclerotic Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 1273042	6.7	133
62	The Diabetes Mellitus-Atherosclerosis Connection: The Role of Lipid and Glucose Metabolism and Chronic Inflammation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	125
61	Potential of anti-inflammatory agents for treatment of atherosclerosis. <i>Experimental and Molecular Pathology</i> , 2018 , 104, 114-124	4.4	61
60	The Atherogenic Role of Circulating Modified Lipids in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	50
59	MicroRNAs as Potential Biomarkers in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	42
58	New biomarkers for diagnosis and prognosis of localized prostate cancer. <i>Seminars in Cancer Biology</i> , 2018 , 52, 9-16	12.7	37
57	The role of monocytosis and neutrophilia in atherosclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 1366-1382	5.6	37
56	Matrix metalloproteinases in pro-atherosclerotic arterial remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 123, 159-167	5.8	37
55	Impact of the cardiovascular system-associated adipose tissue on atherosclerotic pathology. <i>Atherosclerosis</i> , 2017 , 263, 361-368	3.1	32
54	Calcifying Matrix Vesicles and Atherosclerosis. <i>BioMed Research International</i> , 2017 , 2017, 7463590	3	31
53	Sialidase activity in human pathologies. <i>European Journal of Pharmacology</i> , 2019 , 842, 345-350	5.3	30
52	Oxidative Stress and Antioxidants in Atherosclerosis Development and Treatment. <i>Biology</i> , 2020 , 9,	4.9	30
51	Thrombospondins: A Role in Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	29
50	Mitochondrial diseases caused by mtDNA mutations: a mini-review. <i>Therapeutics and Clinical Risk Management</i> , 2018 , 14, 1933-1942	2.9	29
49	Immune-Inflammatory Responses in Atherosclerosis: The Role of Myeloid Cells. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	26

48	Role of androgens in cardiovascular pathology. <i>Vascular Health and Risk Management</i> , 2018 , 14, 283-290.	4.4	26
47	Vasculoprotective Role of Olive Oil Compounds via Modulation of Oxidative Stress in Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 188	5.4	25
46	NADPH Oxidases and Their Role in Atherosclerosis. <i>Biomedicines</i> , 2020 , 8,	4.8	22
45	Inhibition of sialidase activity as a therapeutic approach. <i>Drug Design, Development and Therapy</i> , 2018 , 12, 3431-3437	4.4	22
44	Chemical composition of circulating native and desialylated low density lipoprotein: what is the difference?. <i>Vessel Plus</i> ,	2.3	19
43	Changes in Mitochondrial Genome Associated with Predisposition to Atherosclerosis and Related Disease. <i>Biomolecules</i> , 2019 , 9,	5.9	17
42	Mitochondrial Dysfunction and DNA Damage in the Context of Pathogenesis of Atherosclerosis. <i>Biomedicines</i> , 2020 , 8,	4.8	15
41	Current Advances in the Diagnostic Imaging of Atherosclerosis: Insights into the Pathophysiology of Vulnerable Plaque. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
40	Cellular Mechanisms of Human Atherogenesis: Focus on Chronification of Inflammation and Mitochondrial Mutations. <i>Frontiers in Pharmacology</i> , 2020 , 11, 642	5.6	13
39	Potential use of buccal epithelium for genetic diagnosis of atherosclerosis using mtDNA mutations. <i>Vessel Plus</i> ,	2.3	13
38	Phytoestrogen-Rich Natural Preparation for Treatment of Climacteric Syndrome and Atherosclerosis Prevention in Perimenopausal Women. <i>Phytotherapy Research</i> , 2017 , 31, 1209-1214	6.7	12
37	Role of lipids and intraplaque hypoxia in the formation of neovascularization in atherosclerosis. <i>Annals of Medicine</i> , 2017 , 49, 661-677	1.5	12
36	Medical rehabilitation at a new coronavirus infection (COVID-19). <i>Physical and Rehabilitation Medicine Medical Rehabilitation</i> , 2020 , 2, 140-189	0.4	11
35	Renin-Angiotensin System in Pathogenesis of Atherosclerosis and Treatment of CVD. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	10
34	Lipid-based gene delivery to macrophage mitochondria for atherosclerosis therapy. <i>Pharmacology Research and Perspectives</i> , 2020 , 8, e00584	3.1	9
33	The Role of Mitochondrial Dysfunction in Vascular Disease, Tumorigenesis, and Diabetes. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 671908	5.6	9
32	Heteroplasmic Variants of Mitochondrial DNA in Atherosclerotic Lesions of Human Aortic Intima. <i>Biomolecules</i> , 2019 , 9,	5.9	7
31	Inhibitors of DNA Methylation and Histone Deacetylation as Epigenetically Active Drugs for Anticancer Therapy. <i>Current Pharmaceutical Design</i> , 2019 , 25, 635-641	3.3	7

30	Sialidases: Therapeutic and Antiatherogenic Potential. <i>Current Pharmaceutical Design</i> , 2017 , 23, 4696-4701,	6	6
29	Data on association of mitochondrial heteroplasmy and cardiovascular risk factors: Comparison of samples from Russian and Mexican populations. <i>Data in Brief</i> , 2018 , 18, 16-21	1.2	6
28	Foam cell formation and cholesterol trafficking and metabolism disturbances in atherosclerosis. <i>Cor Et Vasa</i> , 2019 , 61, 48-55	0.3	6
27	Small dense and desialylated low density lipoprotein in diabetic patients. <i>Vessel Plus</i> , 2017 , 1,	2.3	6
26	In Search for Genes Related to Atherosclerosis and Dyslipidemia Using Animal Models. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
25	The role of mitochondria in cardiovascular diseases related to atherosclerosis. <i>Frontiers in Bioscience - Elite</i> , 2020 , 12, 102-112	1.6	5
24	Mitochondrial Dysfunction in Vascular Wall Cells and Its Role in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
23	Mitochondrial genome variability: the effect on cellular functional activity. <i>Therapeutics and Clinical Risk Management</i> , 2018 , 14, 237-245	2.9	4
22	Molecular Markers of Ischemic Stroke. <i>Obshchaya Reanimatologiya</i> , 2019 , 15, 11-22	0.8	4
21	Transcriptional Characteristics of Activated Macrophages. <i>Current Pharmaceutical Design</i> , 2019 , 25, 213-217	3.7	4
20	MODERN ASPECTS OF THE RELATIONSHIP BETWEEN THE FUNCTIONAL STATE OF THE AUTONOMIC NERVOUS SYSTEM AND CLINICAL AND LABORATORY INDICES OF THE BODY'S HOMEOSTASIS IN BRAIN INJURIES. <i>Alexander Saltanov Intensive Care Herald</i> , 2018 , 79-86	0.8	4
19	Contribution of Neurotrophins to the Immune System Regulation and Possible Connection to Alcohol Addiction. <i>Biology</i> , 2020 , 9,	4.9	4
18	Diagnostics and Therapy of Human Diseases - Focus on Sialidases. <i>Current Pharmaceutical Design</i> , 2018 , 24, 2870-2875	3.3	3
17	Neurodegenerative Diseases Associated with Mitochondrial DNA Mutations. <i>Current Pharmaceutical Design</i> , 2020 , 26, 103-109	3.3	3
16	Trans-sialidase Associated with Atherosclerosis: Defining the Identity of a Key Enzyme Involved in the Pathology. <i>Current Drug Targets</i> , 2019 , 20, 938-941	3	3
15	Infusion Effect on Postoperative Intestinal Failure. <i>Obshchaya Reanimatologiya</i> , 2018 , 14, 50-57	0.8	3
14	Monitoring of the Effectiveness of Intensive Care and Rehabilitation by Evaluating the Functional Activity of the Autonomic Nervous System in Patients with Brain Damage. <i>Obshchaya Reanimatologiya</i> , 2018 , 14, 21-34	0.8	2
13	The role of sialic acids in the initiation of atherosclerosis. <i>Minerva Cardioangiologica</i> , 2020 , 68, 359-364	1.1	2

12	A brief overview of currently used atherosclerosis treatment approaches targeting lipid metabolism alterations. <i>American Journal of Cardiovascular Disease</i> , 2020 , 10, 62-71	0.9	2
11	Gender Peculiarities of Postresuscitation in the Expression of Brain-Derived Neurotrophic Factor (BDNF). <i>Obshchaya Reanimatologiya</i> , 2017 , 13, 44-57	0.8	2
10	Nosocomial Pneumonia: An Update on Early Diagnosis and Prevention. <i>Current Respiratory Medicine Reviews</i> , 2020 , 15, 251-259	0.3	1
9	Relationship between Morphofunctional Changes in Open Traumatic Brain Injury and the Severity of Brain Damage in Rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2016 , 161, 419-24	0.8	1
8	Defects of Red Blood Cell Membranes in Patients with Brain Dysfunction (Pilot Study). <i>Obshchaya Reanimatologiya</i> , 2019 , 15, 11-20	0.8	1
7	Sialidase Activity in Human Blood Serum Has a Distinct Seasonal Pattern: A Pilot Study. <i>Biology</i> , 2020 , 9,	4.9	1
6	Protection of the Rights of Disabled People to Access Medicines. <i>Advances in Gerontology</i> , 2019 , 9, 56-61	0.4	0
5	Prospects of using adaptive phage therapy in the rehabilitation of post-COVID-19 patients. <i>Physical and Rehabilitation Medicine Medical Rehabilitation</i> , 2021 , 3, 254-259	0.4	0
4	Nosocomial Tracheobronchitis and Pneumonia Continuum - Target for Inhaled Antibiotics?. <i>Current Respiratory Medicine Reviews</i> , 2019 , 14, 135-141	0.3	
3	Novel Approaches to Anti-atherosclerotic Therapy: Cell-based Models and Herbal Preparations (Review of Our Own Data). <i>Current Drug Discovery Technologies</i> , 2020 , 17, 278-285	1.5	
2	The spectrum of vital activity restrictions in disabled people due to thyroid cancer. <i>Medical and Social Expert Evaluation and Rehabilitation</i> , 2021 , 24, 33-40	0.3	
1	Microbiota dysfunction in patients with brain damage in chronic critical condition. <i>Russian Neurological Journal</i> , 2022 , 27, 94-104	0.2	