

# Andrey V Grechko

## List of Publications by Year in Descending Order

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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	Microbiota dysfunction in patients with brain damage in chronic critical condition. <i>Russian Neurological Journal</i> , <b>2022</b> , 27, 94-104	0.2	
64	The spectrum of vital activity restrictions in disabled people due to thyroid cancer. <i>Medical and Social Expert Evaluation and Rehabilitation</i> , <b>2021</b> , 24, 33-40	0.3	
63	Prospects of using adaptive phage therapy in the rehabilitation of post-COVID-19 patients. <i>Physical and Rehabilitation Medicine Medical Rehabilitation</i> , <b>2021</b> , 3, 254-259	0.4	0
62	The Role of Mitochondrial Dysfunction in Vascular Disease, Tumorigenesis, and Diabetes. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 671908	5.6	9
61	Renin-Angiotensin System in Pathogenesis of Atherosclerosis and Treatment of CVD. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	10
60	Mitochondrial Dysfunction in Vascular Wall Cells and Its Role in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
59	Cellular Mechanisms of Human Atherogenesis: Focus on Chronification of Inflammation and Mitochondrial Mutations. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 642	5.6	13
58	Mitochondrial Dysfunction and DNA Damage in the Context of Pathogenesis of Atherosclerosis. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	15
57	The Diabetes Mellitus-Atherosclerosis Connection: The Role of Lipid and Glucose Metabolism and Chronic Inflammation. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	125
56	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
55	Current Advances in the Diagnostic Imaging of Atherosclerosis: Insights into the Pathophysiology of Vulnerable Plaque. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	15
54	Lipid-based gene delivery to macrophage mitochondria for atherosclerosis therapy. <i>Pharmacology Research and Perspectives</i> , <b>2020</b> , 8, e00584	3.1	9
53	Nosocomial Pneumonia: An Update on Early Diagnosis and Prevention. <i>Current Respiratory Medicine Reviews</i> , <b>2020</b> , 15, 251-259	0.3	1
52	Novel Approaches to Anti-atherosclerotic Therapy: Cell-based Models and Herbal Preparations (Review of Our Own Data). <i>Current Drug Discovery Technologies</i> , <b>2020</b> , 17, 278-285	1.5	
51	The role of sialic acids in the initiation of atherosclerosis. <i>Minerva Cardioangiologica</i> , <b>2020</b> , 68, 359-364	1.1	2
50	A brief overview of currently used atherosclerosis treatment approaches targeting lipid metabolism alterations. <i>American Journal of Cardiovascular Disease</i> , <b>2020</b> , 10, 62-71	0.9	2
49	Neurodegenerative Diseases Associated with Mitochondrial DNA Mutations. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 103-109	3.3	3

48	The role of mitochondria in cardiovascular diseases related to atherosclerosis. <i>Frontiers in Bioscience - Elite</i> , <b>2020</b> , 12, 102-112	1.6	5
47	Medical rehabilitation at a new coronavirus infection (COVID-19). <i>Physical and Rehabilitation Medicine Medical Rehabilitation</i> , <b>2020</b> , 2, 140-189	0.4	11
46	NADPH Oxidases and Their Role in Atherosclerosis. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	22
45	Sialidase Activity in Human Blood Serum Has a Distinct Seasonal Pattern: A Pilot Study. <i>Biology</i> , <b>2020</b> , 9,	4.9	1
44	Oxidative Stress and Antioxidants in Atherosclerosis Development and Treatment. <i>Biology</i> , <b>2020</b> , 9,	4.9	30
43	Contribution of Neurotrophins to the Immune System Regulation and Possible Connection to Alcohol Addiction. <i>Biology</i> , <b>2020</b> , 9,	4.9	4
42	Heteroplasmic Variants of Mitochondrial DNA in Atherosclerotic Lesions of Human Aortic Intima. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	7
41	Nosocomial Tracheobronchitis and Pneumonia Continuum - Target for Inhaled Antibiotics?. <i>Current Respiratory Medicine Reviews</i> , <b>2019</b> , 14, 135-141	0.3	
40	Foam cell formation and cholesterol trafficking and metabolism disturbances in atherosclerosis. <i>Cor Et Vasa</i> , <b>2019</b> , 61, 48-55	0.3	6
39	Protection of the Rights of Disabled People to Access Medicines. <i>Advances in Gerontology</i> , <b>2019</b> , 9, 56-61.	0.4	0
38	Changes in Mitochondrial Genome Associated with Predisposition to Atherosclerosis and Related Disease. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	17
37	The Atherogenic Role of Circulating Modified Lipids in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	50
36	MicroRNAs as Potential Biomarkers in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	42
35	Immune-Inflammatory Responses in Atherosclerosis: The Role of Myeloid Cells. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	26
34	Molecular Markers of Ischemic Stroke. <i>Obshchaya Reanimatologiya</i> , <b>2019</b> , 15, 11-22	0.8	4
33	Transcriptional Characteristics of Activated Macrophages. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 213-217	3.17	4
32	Inhibitors of DNA Methylation and Histone Deacetylation as Epigenetically Active Drugs for Anticancer Therapy. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 635-641	3.3	7
31	Trans-sialidase Associated with Atherosclerosis: Defining the Identity of a Key Enzyme Involved in the Pathology. <i>Current Drug Targets</i> , <b>2019</b> , 20, 938-941	3	3

30	Defects of Red Blood Cell Membranes in Patients with Brain Dysfunction (Pilot Study). <i>Obshchaya Reanimatologiya</i> , <b>2019</b> , 15, 11-20	0.8	1
29	Sialidase activity in human pathologies. <i>European Journal of Pharmacology</i> , <b>2019</b> , 842, 345-350	5.3	30
28	Potential of anti-inflammatory agents for treatment of atherosclerosis. <i>Experimental and Molecular Pathology</i> , <b>2018</b> , 104, 114-124	4.4	61
27	New biomarkers for diagnosis and prognosis of localized prostate cancer. <i>Seminars in Cancer Biology</i> , <b>2018</b> , 52, 9-16	12.7	37
26	The role of monocytosis and neutrophilia in atherosclerosis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 1366-1382	5.6	37
25	Data on association of mitochondrial heteroplasmy and cardiovascular risk factors: Comparison of samples from Russian and Mexican populations. <i>Data in Brief</i> , <b>2018</b> , 18, 16-21	1.2	6
24	Mitochondrial genome variability: the effect on cellular functional activity. <i>Therapeutics and Clinical Risk Management</i> , <b>2018</b> , 14, 237-245	2.9	4
23	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> , <b>2018</b> , 14, 21-34	0.8	2
22	Diagnostics and Therapy of Human Diseases - Focus on Sialidases. <i>Current Pharmaceutical Design</i> , <b>2018</b> , 24, 2870-2875	3.3	3
21	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> , <b>2018</b> , 79-86	0.8	4
20	Infusion Effect on Postoperative Intestinal Failure. <i>Obshchaya Reanimatologiya</i> , <b>2018</b> , 14, 50-57	0.8	3
19	The role of mitochondrial dysfunction in cardiovascular disease: a brief review. <i>Annals of Medicine</i> , <b>2018</b> , 50, 121-127	1.5	165
18	Role of androgens in cardiovascular pathology. <i>Vascular Health and Risk Management</i> , <b>2018</b> , 14, 283-290	4.4	26
17	Vasculoprotective Role of Olive Oil Compounds via Modulation of Oxidative Stress in Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , <b>2018</b> , 5, 188	5.4	25
16	Inhibition of sialidase activity as a therapeutic approach. <i>Drug Design, Development and Therapy</i> , <b>2018</b> , 12, 3431-3437	4.4	22
15	Mitochondrial diseases caused by mtDNA mutations: a mini-review. <i>Therapeutics and Clinical Risk Management</i> , <b>2018</b> , 14, 1933-1942	2.9	29
14	Matrix metalloproteinases in pro-atherosclerotic arterial remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2018</b> , 123, 159-167	5.8	37
13	Impact of the cardiovascular system-associated adipose tissue on atherosclerotic pathology. <i>Atherosclerosis</i> , <b>2017</b> , 263, 361-368	3.1	32

12	Phytoestrogen-Rich Natural Preparation for Treatment of Climacteric Syndrome and Atherosclerosis Prevention in Perimenopausal Women. <i>Phytotherapy Research</i> , <b>2017</b> , 31, 1209-1214	6.7	12
11	Sialidases: Therapeutic and Antiatherogenic Potential. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 4696-4703	9.3	6
10	Mechanisms of foam cell formation in atherosclerosis. <i>Journal of Molecular Medicine</i> , <b>2017</b> , 95, 1153-1165	5.5	250
9	Role of lipids and intraplaque hypoxia in the formation of neovascularization in atherosclerosis. <i>Annals of Medicine</i> , <b>2017</b> , 49, 661-677	1.5	12
8	Thrombospondins: A Role in Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	29
7	Small Dense Low-Density Lipoprotein as Biomarker for Atherosclerotic Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 1273042	6.7	133
6	Calcifying Matrix Vesicles and Atherosclerosis. <i>BioMed Research International</i> , <b>2017</b> , 2017, 7463590	3	31
5	Small dense and desialylated low density lipoprotein in diabetic patients. <i>Vessel Plus</i> , <b>2017</b> , 1,	2.3	6
4	Gender Peculiarities of Postresuscitation in the Expression of Brain-Derived Neurotrophic Factor (BDNF). <i>Obshchaya Reanimatologiya</i> , <b>2017</b> , 13, 44-57	0.8	2
3	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> , <b>2016</b> , 161, 419-24	0.8	1
2	Potential use of buccal epithelium for genetic diagnosis of atherosclerosis using mtDNA mutations. <i>Vessel Plus</i> ,	2.3	13
1	Chemical composition of circulating native and desialylated low density lipoprotein: what is the difference?. <i>Vessel Plus</i> ,	2.3	19