Alexander N Orekhov

List of Publications by Year
in descending order

270	11,361	39113 52	53065 89
papers	citations	h-index	g-index

276	276	276	15351
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	BaZiBuShen alleviates cognitive deficits and regulates Sirt6/NRF2/HO-1 and Sirt6/P53-PGC-1Î±-TERT signaling pathways in aging mice. Journal of Ethnopharmacology, 2022, 282, 114653.	2.0	17
2	Heat Shock Protein 90 as Therapeutic Target for CVDs and Heart Ageing. International Journal of Molecular Sciences, 2022, 23, 649.	1.8	12
3	The Role of Mitochondrial DNA Mutations in Cardiovascular Diseases. International Journal of Molecular Sciences, 2022, 23, 952.	1.8	18
4	The Role of KLF2 in the Regulation of Atherosclerosis Development and Potential Use of KLF2-Targeted Therapy. Biomedicines, 2022, 10, 254.	1.4	20
5	Modulating mTOR Signaling as a Promising Therapeutic Strategy for Atherosclerosis. International Journal of Molecular Sciences, 2022, 23, 1153.	1.8	11
6	Role of the mtDNA Mutations and Mitophagy in Inflammaging. International Journal of Molecular Sciences, 2022, 23, 1323.	1.8	13
7	Local Accumulation of Lymphocytes in the Intima of Human Aorta Is Associated with Giant Multinucleated Endothelial Cells: Possible Explanation for Mosaicism of Atherosclerosis. International Journal of Molecular Sciences, 2022, 23, 1059.	1.8	3
8	The Role of the VEGF Family in Atherosclerosis Development and Its Potential as Treatment Targets. International Journal of Molecular Sciences, 2022, 23, 931.	1.8	36
9	Cholesterol Transport Dysfunction and Its Involvement in Atherogenesis. International Journal of Molecular Sciences, 2022, 23, 1332.	1.8	13
10	Vaccination against Atherosclerosis: Is It Real?. International Journal of Molecular Sciences, 2022, 23, 2417.	1.8	2
11	Atherosclerosis in HIV Patients: What Do We Know so Far?. International Journal of Molecular Sciences, 2022, 23, 2504.	1.8	13
12	Functional Phenotypes of Intraplaque Macrophages and Their Distinct Roles in Atherosclerosis Development and Atheroinflammation. Biomedicines, 2022, 10, 452.	1.4	8
13	Mitochondrial Implications in Cardiovascular Aging and Diseases: The Specific Role of Mitochondrial Dynamics and Shifts. International Journal of Molecular Sciences, 2022, 23, 2951.	1.8	3
14	Somatic Mutations of Hematopoietic Cells Are an Additional Mechanism of Body Aging, Conducive to Comorbidity and Increasing Chronification of Inflammation. Biomedicines, 2022, 10, 782.	1.4	3
15	Editorial: Lipids and Inflammation in Health and Disease. Frontiers in Cardiovascular Medicine, 2022, 9, 864429.	1.1	1
16	The Role of Altered Mitochondrial Metabolism in Thyroid Cancer Development and Mitochondria-Targeted Thyroid Cancer Treatment. International Journal of Molecular Sciences, 2022, 23, 460.	1.8	9
17	Lipids and Lipoproteins in Health and Disease. Biomedicines, 2022, 10, 87.	1.4	1
18	Novel Models of Crohnâ€™s Disease Pathogenesis Associated with the Occurrence of Mitochondrial Dysfunction in Intestinal Cells. International Journal of Molecular Sciences, 2022, 23, 5141.	1.8	1

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19	Mitochondria-Mediated Cardiovascular Benefits of Sodium-Glucose Co-Transporter 2 Inhibitors. International Journal of Molecular Sciences, 2022, 23, 5371.	1.8	4
20	Thirty-Five-Year History of Desialylated Lipoproteins Discovered by Vladimir Tertov. Biomedicines, 2022, 10, 1174.	1.4	6
21	Macrophages in Health and Non-Infectious Disease 2.0. Biomedicines, 2022, 10, 1215.	1.4	0
22	Role of Impaired Mitochondrial Dynamics Processes in the Pathogenesis of Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2022, 23, 6954.	1.8	22
23	Interplay between Zn2+ Homeostasis and Mitochondrial Functions in Cardiovascular Diseases and Heart Ageing. International Journal of Molecular Sciences, 2022, 23, 6890.	1.8	15
24	Aging of Vascular System Is a Complex Process: The Cornerstone Mechanisms. International Journal of Molecular Sciences, 2022, 23, 6926.	1.8	2
25	Effects of Metabolic Disorders in Immune Cells and Synoviocytes on the Development of Rheumatoid Arthritis. Metabolites, 2022, 12, 634.	1.3	2
26	The Role of Mitochondrial Abnormalities in Diabetic Cardiomyopathy. International Journal of Molecular Sciences, 2022, 23, 7863.	1.8	14
27	Pathophysiological Aspects of the Development of Abdominal Aortic Aneurysm with a Special Focus on Mitochondrial Dysfunction and Genetic Associations. Biomolecular Concepts, 2021, 12, 55-67.	1.0	6
28	Involvement of Oxidative Stress and the Innate Immune System in SARS-CoV-2 Infection. Diseases (Basel,) Tj ETQq0 0 0 rgBT /Overlock 1	1.0	28
29	Do Mitochondrial DNA Mutations Play a Key Role in the Chronification of Sterile Inflammation? Special Focus on Atherosclerosis. Current Pharmaceutical Design, 2021, 27, 276-292.	0.9	5
30	Role of Telomeres Shortening in Atherogenesis: An Overview. Cells, 2021, 10, 395.	1.8	13
31	Neuraminidases 1 and 3 Trigger Atherosclerosis by Desialylating Lowâ€Đensity Lipoproteins and Increasing Their Uptake by Macrophages. Journal of the American Heart Association, 2021, 10, e018756.	1.6	29
32	Two Subpopulations of Human Monocytes That Differ by Mitochondrial Membrane Potential. Biomedicines, 2021, 9, 153.	1.4	0
33	Autophagy and Mitophagy as Essential Components of Atherosclerosis. Cells, 2021, 10, 443.	1.8	23
34	Mutations of mtDNA in some Vascular and Metabolic Diseases. Current Pharmaceutical Design, 2021, 27, 177-184.	0.9	4
35	Disturbance of Mitochondrial Dynamics and Mitochondrial Therapies in Atherosclerosis. Life, 2021, 11, 165.	1.1	15
36	Pro-inflammatory molecules induce cholesterol accumulation in macrophages: Role of inflammatory response in foam cell formation. Atherosclerosis, 2021, 320, 129-130.	0.4	0

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37	Immunopathology of Atherosclerosis and Related Diseases: Focus on Molecular Biology. International Journal of Molecular Sciences, 2021, 22, 4080.	1.8	23
38	Macrophages in Health and Non-Infectious Disease. Biomedicines, 2021, 9, 460.	1.4	4
39	Mitochondrial Dysfunction and Chronic Inflammation in Polycystic Ovary Syndrome. International Journal of Molecular Sciences, 2021, 22, 3923.	1.8	54
40	Mitochondrial Mutations and Genetic Factors Determining NAFLD Risk. International Journal of Molecular Sciences, 2021, 22, 4459.	1.8	30
41	Genetic and Epigenetic Biomarkers for Diagnosis, Prognosis and Treatment of Metabolic Syndrome. Current Pharmaceutical Design, 2021, 27, 3729-3740.	0.9	9
42	ACE2 Is an Adjacent Element of Atherosclerosis and COVID-19 Pathogenesis. International Journal of Molecular Sciences, 2021, 22, 4691.	1.8	10
43	Atherosclerosis as Mitochondriopathy: Repositioning the Disease to Help Finding New Therapies. Frontiers in Cardiovascular Medicine, 2021, 8, 660473.	1.1	12
44	The Role of Mitochondrial Dysfunction in Vascular Disease, Tumorigenesis, and Diabetes. Frontiers in Molecular Biosciences, 2021, 8, 671908.	1.6	36
45	Prospects for the Use of Sialidase Inhibitors in Anti-atherosclerotic Therapy. Current Medicinal Chemistry, 2021, 28, 2438-2450.	1.2	4
46	BaZiBuShen alleviates altered testicular morphology and spermatogenesis and modulates Sirt6/P53 and Sirt6/NF-Î²B pathways in aging mice induced by D-galactose and NaNO2. Journal of Ethnopharmacology, 2021, 271, 113810.	2.0	32
47	Proatherogenic Sialidases and Desialylated Lipoproteins: 35 Years of Research and Current State from Bench to Bedside. Biomedicines, 2021, 9, 600.	1.4	26
48	Renin-Angiotensin System in Pathogenesis of Atherosclerosis and Treatment of CVD. International Journal of Molecular Sciences, 2021, 22, 6702.	1.8	46
49	Anti-Inflammatory Therapy for Atherosclerosis: Focusing on Cytokines. International Journal of Molecular Sciences, 2021, 22, 7061.	1.8	37
50	The Role of Mitochondrial Mutations and Chronic Inflammation in Diabetes. International Journal of Molecular Sciences, 2021, 22, 6733.	1.8	25
51	Mitochondrial Lipid Homeostasis at the Crossroads of Liver and Heart Diseases. International Journal of Molecular Sciences, 2021, 22, 6949.	1.8	10
52	Recognition of Oxidized Lipids by Macrophages and Its Role in Atherosclerosis Development. Biomedicines, 2021, 9, 915.	1.4	36
53	Immunity in Atherosclerosis: Focusing on T and B Cells. International Journal of Molecular Sciences, 2021, 22, 8379.	1.8	20
54	The Role of Mitochondria-Derived Peptides in Cardiovascular Diseases and Their Potential as Therapeutic Targets. International Journal of Molecular Sciences, 2021, 22, 8770.	1.8	21

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55	Mitochondrial Dysfunction in Vascular Wall Cells and Its Role in Atherosclerosis. International Journal of Molecular Sciences, 2021, 22, 8990.	1.8	38
56	Macrophages and Foam Cells: Brief Overview of Their Role, Linkage, and Targeting Potential in Atherosclerosis. Biomedicines, 2021, 9, 1221.	1.4	33
57	Fructus Ligustri Lucidi aqueous extract promotes calcium balance and short-chain fatty acids production in ovariectomized rats. Journal of Ethnopharmacology, 2021, 279, 114348.	2.0	13
58	A comprehensive review on the phytochemistry, pharmacokinetics, and antidiabetic effect of Ginseng. Phytomedicine, 2021, 92, 153717.	2.3	33
59	Some Molecular and Cellular Stress Mechanisms Associated with Neurodegenerative Diseases and Atherosclerosis. International Journal of Molecular Sciences, 2021, 22, 699.	1.8	11
60	Modification of Tumor Necrosis Factor-Î± and C-C Motif Chemokine Ligand 18 Secretion by Monocytes Derived from Patients with Diabetic Foot Syndrome. Biology, 2020, 9, 3.	1.3	6
61	A Novel Insight at Atherogenesis: The Role of Microbiome. Frontiers in Cell and Developmental Biology, 2020, 8, 586189.	1.8	19
62	NLPR3 Inflammasomes and Their Significance for Atherosclerosis. Biomedicines, 2020, 8, 205.	1.4	23
63	NADPH Oxidases and Their Role in Atherosclerosis. Biomedicines, 2020, 8, 206.	1.4	47
64	Endoplasmic Reticulum Stress in Macrophages: The Vicious Circle of Lipid Accumulation and Pro-Inflammatory Response. Biomedicines, 2020, 8, 210.	1.4	23
65	Therapeutic Potential of Heme Oxygenase-1 in Aneurysmal Diseases. Antioxidants, 2020, 9, 1150.	2.2	7
66	Sialidase Activity in Human Blood Serum Has a Distinct Seasonal Pattern: A Pilot Study. Biology, 2020, 9, 184.	1.3	3
67	Genetics of Arterial-Wall-Specific Mechanisms in Atherosclerosis: Focus on Mitochondrial Mutations. Current Atherosclerosis Reports, 2020, 22, 54.	2.0	4
68	Lipid Metabolism in Macrophages: Focus on Atherosclerosis. Biomedicines, 2020, 8, 262.	1.4	57
69	Sialylated Immunoglobulins for the Treatment of Immuno-Inflammatory Diseases. International Journal of Molecular Sciences, 2020, 21, 5472.	1.8	19
70	Sex-Specific Features of Calcific Aortic Valve Disease. International Journal of Molecular Sciences, 2020, 21, 5620.	1.8	45
71	Noninvasive Testing for Diagnosis of Stable Coronary Artery Disease in the Elderly. International Journal of Molecular Sciences, 2020, 21, 6263.	1.8	3
72	Relationship Between Plasma Osteopontin and Arginine Pathway Metabolites in Patients With Overt Coronary Artery Disease. Frontiers in Physiology, 2020, 11, 982.	1.3	2

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73	Impact of Mitochondrial DNA Mutations on Carotid Intima-Media Thickness in the Novosibirsk Region. Life, 2020, 10, 160.	1.1	4
74	Exposure to Zinc Oxide Nanoparticles Disrupts Endothelial Tight and Adherens Junctions and Induces Pulmonary Inflammatory Cell Infiltration. International Journal of Molecular Sciences, 2020, 21, 3437.	1.8	15
75	Cellular Mechanisms of Human Atherogenesis: Focus on Chronification of Inflammation and Mitochondrial Mutations. Frontiers in Pharmacology, 2020, 11, 642.	1.6	28
76	Mitochondrial Dysfunction and DNA Damage in the Context of Pathogenesis of Atherosclerosis. Biomedicines, 2020, 8, 166.	1.4	40
77	The Diabetes Mellitusâ€“Atherosclerosis Connection: The Role of Lipid and Glucose Metabolism and Chronic Inflammation. International Journal of Molecular Sciences, 2020, 21, 1835.	1.8	469
78	In Search for Genes Related to Atherosclerosis and Dyslipidemia Using Animal Models. International Journal of Molecular Sciences, 2020, 21, 2097.	1.8	14
79	Carotid Atherosclerosis Progression in Postmenopausal Women Receiving a Mixed Phytoestrogen Regimen: Plausible Parallels with Kronos Early Estrogen Replacement Study. Biology, 2020, 9, 48.	1.3	1
80	Signaling Pathways and Key Genes Involved in Regulation of foam Cell Formation in Atherosclerosis. Cells, 2020, 9, 584.	1.8	67
81	The Role of Mitochondria in Cardiovascular Diseases. Biology, 2020, 9, 137.	1.3	40
82	Data on association of mitochondrial heteroplasmy with carotid intima-media thickness in subjects from Russian and Kazakh populations. Data in Brief, 2020, 29, 105136.	0.5	7
83	The Link between Chronic Stress and Accelerated Aging. Biomedicines, 2020, 8, 198.	1.4	57
84	Role of Phagocytosis in the Pro-Inflammatory Response in LDL-Induced Foam Cell Formation; a Transcriptome Analysis. International Journal of Molecular Sciences, 2020, 21, 817.	1.8	17
85	Current Advances in the Diagnostic Imaging of Atherosclerosis: Insights into the Pathophysiology of Vulnerable Plaque. International Journal of Molecular Sciences, 2020, 21, 2992.	1.8	45
86	Lipidâ€based gene delivery to macrophage mitochondria for atherosclerosis therapy. Pharmacology Research and Perspectives, 2020, 8, e00584.	1.1	13
87	Signaling Pathways Potentially Responsible for Foam Cell Formation: Cholesterol Accumulation or Inflammatory Responseâ€”What is First?. International Journal of Molecular Sciences, 2020, 21, 2716.	1.8	16
88	Clinical Effectiveness of a Combination of Black Elder Berries, Violet Herb, and Calendula Flowers in Chronic Obstructive Pulmonary Disease: The Results of a Double-Blinded Placebo-Controlled Study. Biology, 2020, 9, 83.	1.3	0
89	Oxidative Stress and Antioxidants in Atherosclerosis Development and Treatment. Biology, 2020, 9, 60.	1.3	68
90	Contribution of Neurotrophins to the Immune System Regulation and Possible Connection to Alcohol Addiction. Biology, 2020, 9, 63.	1.3	11

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91	Possible Role of Mitochondrial DNA Mutations in Chronification of Inflammation: Focus on Atherosclerosis. Journal of Clinical Medicine, 2020, 9, 978.	1.0	23
92	Overview of OxLDL and Its Impact on Cardiovascular Health: Focus on Atherosclerosis. Frontiers in Pharmacology, 2020, 11, 613780.	1.6	142
93	Mitochondrion as a Selective Target for the Treatment of Atherosclerosis: Role of Mitochondrial DNA Mutations and Defective Mitophagy in the Pathogenesis of Atherosclerosis and Chronic Inflammation. Current Neuropharmacology, 2020, 18, 1064-1075.	1.4	43
94	Novel Approaches to Anti-atherosclerotic Therapy: Cell-based Models and Herbal Preparations (Review) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	0
95	Modified and Dysfunctional Lipoproteins in Atherosclerosis: Effectors or Biomarkers?. Current Medicinal Chemistry, 2019, 26, 1512-1524.	1.2	17
96	Changes in Mitochondrial Genome Associated with Predisposition to Atherosclerosis and Related Disease. Biomolecules, 2019, 9, 377.	1.8	25
97	The Atherogenic Role of Circulating Modified Lipids in Atherosclerosis. International Journal of Molecular Sciences, 2019, 20, 3561.	1.8	89
98	MicroRNAs as Potential Biomarkers in Atherosclerosis. International Journal of Molecular Sciences, 2019, 20, 5547.	1.8	87
99	Immune-Inflammatory Responses in Atherosclerosis: The Role of Myeloid Cells. Journal of Clinical Medicine, 2019, 8, 1798.	1.0	45
100	Heteroplasmic Variants of Mitochondrial DNA in Atherosclerotic Lesions of Human Aortic Intima. Biomolecules, 2019, 9, 455.	1.8	13
101	Creation of Cybrid Cultures Containing mtDNA Mutations m.12315G>A and m.1555G>A, Associated with Atherosclerosis. Biomolecules, 2019, 9, 499.	1.8	8
102	Pericytes in Atherosclerosis. Advances in Experimental Medicine and Biology, 2019, 1147, 279-297.	0.8	16
103	Distinct phospholipid and sphingolipid species are linked to altered HDL function in apolipoprotein A-I deficiency. Journal of Clinical Lipidology, 2019, 13, 468-480.e8.	0.6	16
104	Sialidase activity in human pathologies. European Journal of Pharmacology, 2019, 842, 345-350.	1.7	60
105	Glycosylation of human plasma lipoproteins reveals a high level of diversity, which directly impacts their functional properties. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 643-653.	1.2	19
106	Fructus Ligustri Lucidi preserves bone quality through the regulation of gut microbiota diversity, oxidative stress, TMAO and Sirt6 levels in aging mice. Aging, 2019, 11, 9348-9368.	1.4	72
107	Creation of Cultures Containing Mutations Linked with Cardiovascular Diseases using Transfection and Genome Editing. Current Pharmaceutical Design, 2019, 25, 693-699.	0.9	7
108	Trans-sialidase Associated with Atherosclerosis: Defining the Identity of a Key Enzyme Involved in the Pathology. Current Drug Targets, 2019, 20, 938-941.	1.0	5

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109	Human Disease Modelling Techniques: Current Progress. Current Molecular Medicine, 2019, 18, 655-660.	0.6	0
110	Modelling of atherosclerosis in genetically modified animals. American Journal of Translational Research (discontinued), 2019, 11, 4614-4633.	0.0	6
111	Potential of anti-inflammatory agents for treatment of atherosclerosis. Experimental and Molecular Pathology, 2018, 104, 114-124.	0.9	106
112	New biomarkers for diagnosis and prognosis of localized prostate cancer. Seminars in Cancer Biology, 2018, 52, 9-16.	4.3	47
113	The impact of interferon-regulatory factors to macrophage differentiation and polarization into M1 and M2. Immunobiology, 2018, 223, 101-111.	0.8	209
114	The role of mitochondrial dysfunction in cardiovascular disease: a brief review. Annals of Medicine, 2018, 50, 121-127.	1.5	299
115	Modified LDL Particles Activate Inflammatory Pathways in Monocyte-derived Macrophages: Transcriptome Analysis. Current Pharmaceutical Design, 2018, 24, 3143-3151.	0.9	29
116	Mitochondrial diseases caused by mtDNA mutations: a mini-review. Therapeutics and Clinical Risk Management, 2018, Volume 14, 1933-1942.	0.9	49
117	Matrix metalloproteinases in pro-atherosclerotic arterial remodeling. Journal of Molecular and Cellular Cardiology, 2018, 123, 159-167.	0.9	51
118	Response to: Comment on â€œRole of Mitochondrial Genome Mutations in Pathogenesis of Carotid Atherosclerosisâ€• Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-3.	1.9	1
119	Modified lipoproteins as biomarkers of atherosclerosis. Frontiers in Bioscience - Landmark, 2018, 23, 1422-1444.	3.0	18
120	Mitochondrial Genome Mutations Associated with Myocardial Infarction. Disease Markers, 2018, 2018, 1-6.	0.6	13
121	Data on association of mitochondrial heteroplasmy and cardiovascular risk factors: Comparison of samples from Russian and Mexican populations. Data in Brief, 2018, 18, 16-21.	0.5	11
122	Cybrid Models of Pathological Cell Processes in Different Diseases. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-6.	1.9	17
123	LDL and foam cell formation as the basis of atherogenesis. Current Opinion in Lipidology, 2018, 29, 279-284.	1.2	36
124	HDL activates expression of genes stimulating cholesterol efflux in human monocyte-derived macrophages. Experimental and Molecular Pathology, 2018, 105, 202-207.	0.9	11
125	Tumor Necrosis Factor-Î± and C-C Motif Chemokine Ligand 18 Associate with Atherosclerotic Lipid Accumulation In situ and In vitro. Current Pharmaceutical Design, 2018, 24, 2883-2889.	0.9	17
126	Engineered Nanoparticles: Their Properties and Putative Applications for Therapeutic Approaches Utilizing Stem Cells for the Repair of Atherosclerotic Disease. Current Drug Targets, 2018, 19, 1639-1648.	1.0	5

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127	Chemokines and Relevant microRNAs in the Atherogenic Process. Mini-Reviews in Medicinal Chemistry, 2018, 18, 597-608.	1.1	10
128	The phenomenon of atherosclerosis reversal and regression: Lessons from animal models. Experimental and Molecular Pathology, 2017, 102, 138-145.	0.9	29
129	How do macrophages sense modified low-density lipoproteins?. International Journal of Cardiology, 2017, 230, 232-240.	0.8	27
130	Macrophages and Their Contribution to the Development of Atherosclerosis. Results and Problems in Cell Differentiation, 2017, 62, 273-298.	0.2	17
131	Impact of the cardiovascular system-associated adipose tissue on atherosclerotic pathology. Atherosclerosis, 2017, 263, 361-368.	0.4	44
132	The effect of maximal vs submaximal exertion on postprandial lipid levels in individuals with and without coronary heart disease. Journal of Clinical Lipidology, 2017, 11, 369-376.	0.6	1
133	Mechanisms of foam cell formation in atherosclerosis. Journal of Molecular Medicine, 2017, 95, 1153-1165.	1.7	406
134	Role of lipids and intraplaque hypoxia in the formation of neovascularization in atherosclerosis. Annals of Medicine, 2017, 49, 661-677.	1.5	21
135	The impact of FOXO-1 to cardiac pathology in diabetes mellitus and diabetes-related metabolic abnormalities. International Journal of Cardiology, 2017, 245, 236-244.	0.8	33
136	Treatment of cardiovascular pathology with epigenetically active agents: Focus on natural and synthetic inhibitors of DNA methylation and histone deacetylation. International Journal of Cardiology, 2017, 227, 66-82.	0.8	48
137	Paraoxonase and atherosclerosis-related cardiovascular diseases. Biochimie, 2017, 132, 19-27.	1.3	107
138	Poor glycemic control in type 2 diabetes enhances functional and compositional alterations of small, dense HDL3c. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 188-195.	1.2	31
139	CD68/macrosialin: not just a histochemical marker. Laboratory Investigation, 2017, 97, 4-13.	1.7	447
140	Thrombospondins: A Role in Cardiovascular Disease. International Journal of Molecular Sciences, 2017, 18, 1540.	1.8	48
141	Role of Mitochondrial Genome Mutations in Pathogenesis of Carotid Atherosclerosis. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-7.	1.9	31
142	Small Dense Low-Density Lipoprotein as Biomarker for Atherosclerotic Diseases. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10.	1.9	247
143	Nanocarriers in Improving Chemotherapy of Multidrug Resistant Tumors: Key Developments and Perspectives. Current Pharmaceutical Design, 2017, 23, 3301-3308.	0.9	8
144	Use of Primary Macrophages for Searching Novel Immunocorrectors. Current Pharmaceutical Design, 2017, 23, 915-920.	0.9	3

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145	Blood Serum Atherogenicity: Cellular Test for the Development of Anti- Atherosclerotic Therapy. Current Pharmaceutical Design, 2017, 23, 1195-1206.	0.9	5
146	Monocyte Activation in Immunopathology: Cellular Test for Development of Diagnostics and Therapy. Journal of Immunology Research, 2016, 2016, 1-9.	0.9	32
147	Cellular Model of Atherogenesis Based on Pluripotent Vascular Wall Pericytes. Stem Cells International, 2016, 2016, 1-7.	1.2	16
148	Macrophages and Their Role in Atherosclerosis: Pathophysiology and Transcriptome Analysis. BioMed Research International, 2016, 2016, 1-13.	0.9	252
149	PPAR in Cardiovascular Disorders. PPAR Research, 2016, 2016, 1-2.	1.1	6
150	The Role of Endoplasmic Reticulum Stress and Unfolded Protein Response in Atherosclerosis. International Journal of Molecular Sciences, 2016, 17, 193.	1.8	72
151	Anti-Atherosclerotic Effects of a Phytoestrogen-Rich Herbal Preparation in Postmenopausal Women. International Journal of Molecular Sciences, 2016, 17, 1318.	1.8	39
152	Cardiac-specific miRNA in cardiogenesis, heart function, and cardiac pathology (with focus on) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	0.9	223
153	The role of miR-126 in embryonic angiogenesis, adult vascular homeostasis, and vascular repair and its alterations in atherosclerotic disease. Journal of Molecular and Cellular Cardiology, 2016, 97, 47-55.	0.9	144
154	ApoA1 and ApoA1-specific self-antibodies in cardiovascular disease. Laboratory Investigation, 2016, 96, 708-718.	1.7	66
155	Macrophageâ€mediated cholesterol handling in atherosclerosis. Journal of Cellular and Molecular Medicine, 2016, 20, 17-28.	1.6	375
156	Evidence based efficacy of herbal preparations in ageing associated cardiovascular disorders. Phytomedicine, 2016, 23, 1065-1067.	2.3	4
157	Immune-inflammatory responses in atherosclerosis: Role of an adaptive immunity mainly driven by T and B cells. Immunobiology, 2016, 221, 1014-1033.	0.8	53
158	Dataset of mitochondrial genome variants associated with asymptomatic atherosclerosis. Data in Brief, 2016, 7, 1570-1575.	0.5	10
159	Links between atherosclerotic and periodontal disease. Experimental and Molecular Pathology, 2016, 100, 220-235.	0.9	94
160	Analysis of mitochondrial DNA heteroplasmic mutations A1555G, C3256T, T3336C, Đ¡5178Đ¸ G12315A, G13513A, G14459A, G14846Đ•and G15059A in CHD patients with the history of myocardial infarction. Experimental and Molecular Pathology, 2016, 100, 87-91.	0.9	20
161	Cellular models of atherosclerosis and their implication for testing natural substances with anti-atherosclerotic potential. Phytomedicine, 2016, 23, 1190-1197.	2.3	38
162	Cellular mechanisms of human atherosclerosis: Role of cell-to-cell communications in subendothelial cell functions. Tissue and Cell, 2016, 48, 25-34.	1.0	17

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163	Anti-cytokine therapy for prevention of atherosclerosis. Phytomedicine, 2016, 23, 1198-1210.	2.3	24
164	Anti-atherosclerotic effects of garlic preparation in freeze injury model of atherosclerosis in cholesterol-fed rabbits. Phytomedicine, 2016, 23, 1235-1239.	2.3	23
165	LDL electronegativity index: a potential novel index for predicting cardiovascular disease. Vascular Health and Risk Management, 2015, 11, 525.	1.0	23
166	Role of gut microbiota in the modulation of atherosclerosis-associated immune response. Frontiers in Microbiology, 2015, 6, 671.	1.5	76
167	Endothelial Barrier and Its Abnormalities in Cardiovascular Disease. Frontiers in Physiology, 2015, 6, 365.	1.3	184
168	T Helper Lymphocyte Subsets and Plasticity in Autoimmunity and Cancer: An Overview. BioMed Research International, 2015, 2015, 1-9.	0.9	99
169	Human miR-221/222 in Physiological and Atherosclerotic Vascular Remodeling. BioMed Research International, 2015, 2015, 1-18.	0.9	139
170	Development of Antiatherosclerotic Drugs on the basis of Natural Products Using Cell Model Approach. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-11.	1.9	18
171	Mosaicism of Mitochondrial Genetic Variation in Atherosclerotic Lesions of the Human Aorta. BioMed Research International, 2015, 2015, 1-9.	0.9	34
172	Heterogeneity of Tregs and the complexity in the IL-12 cytokine family signaling in driving T-cell immune responses in atherosclerotic vessels. Molecular Immunology, 2015, 65, 133-138.	1.0	8
173	Myeloid dendritic cells: Development, functions, and role in atherosclerotic inflammation. Immunobiology, 2015, 220, 833-844.	0.8	60
174	Peroxisome proliferator-activated receptor (PPAR) gamma in cardiovascular disorders and cardiovascular surgery. Journal of Cardiology, 2015, 66, 271-278.	0.8	47
175	Association of mutations in the mitochondrial genome with the subclinical carotid atherosclerosis in women. Experimental and Molecular Pathology, 2015, 99, 25-32.	0.9	13
176	Vascular stem/progenitor cells: current status of the problem. Cell and Tissue Research, 2015, 362, 1-7.	1.5	29
177	Mutations of mitochondrial genome in carotid atherosclerosis. Frontiers in Genetics, 2015, 6, 111.	1.1	10
178	Phenomenon of individual difference in human monocyte activation. Experimental and Molecular Pathology, 2015, 99, 151-154.	0.9	11
179	Study of the activated macrophage transcriptome. Experimental and Molecular Pathology, 2015, 99, 575-580.	0.9	23
180	Changes in transcriptome of macrophages in atherosclerosis. Journal of Cellular and Molecular Medicine, 2015, 19, 1163-1173.	1.6	82

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181	Quantitative analysis of the expression of caspase 3 and caspase 9 in different types of atherosclerotic lesions in the human aorta. Experimental and Molecular Pathology, 2015, 99, 1-6.	0.9	13
182	Innervation of the arterial wall and its modification in atherosclerosis. Autonomic Neuroscience: Basic and Clinical, 2015, 193, 7-11.	1.4	32
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