

Aruni Bhatnagar

List of Publications by Year in descending order

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Version: 2024-02-01

319
papers

23,806
citations

8732

75
h-index

10424

139
g-index

332
all docs

332
docs citations

332
times ranked

28291
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of device type, flavours and vaping behaviour with tobacco product transitions among adult electronic cigarette users in the USA. <i>Tobacco Control</i> , 2022, 31, e10-e17.	1.8	14
2	Cardiovascular Effects of Particulate Air Pollution. <i>Annual Review of Medicine</i> , 2022, 73, 393-406.	5.0	44
3	Electronic Cigarette Solvents, JUUL E-Liquids, and Biomarkers of Exposure: In Vivo Evidence for Acrolein and Glycidol in E-Cig-Derived Aerosols. <i>Chemical Research in Toxicology</i> , 2022, 35, 283-292.	1.7	13
4	Association of Electronic Cigarette Use with Respiratory Symptom Development among U.S. Young Adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1320-1329.	2.5	28
5	Environmental exposure to volatile organic compounds is associated with endothelial injury. <i>Toxicology and Applied Pharmacology</i> , 2022, 437, 115877.	1.3	13
6	SARS-CoV-2 RNA abundance in wastewater as a function of distinct urban sewershed size. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 807-819.	1.2	19
7	Mortality risk associated with greenness, air pollution, and physical activity in a representative U.S. cohort. <i>Science of the Total Environment</i> , 2022, 824, 153848.	3.9	16
8	Pyridine nucleotide redox potential in coronary smooth muscle couples myocardial blood flow to cardiac metabolism. <i>Nature Communications</i> , 2022, 13, 2051.	5.8	5
9	Public Awareness of and Support for the Use of Wastewater for SARS-CoV-2 Monitoring: A Community Survey in Louisville, Kentucky. <i>ACS ES&T Water</i> , 2022, 2, 1891-1898.	2.3	8
10	E-Cigarette Use and Risk of Cardiovascular Disease: A Longitudinal Analysis of the PATH Study (2013-2019). <i>Circulation</i> , 2022, 145, 1557-1559.	1.6	37
11	Smoking is associated with increased risk of cardiovascular events, disease severity, and mortality among patients hospitalized for SARS-CoV-2 infections. <i>PLoS ONE</i> , 2022, 17, e0270763.	1.1	10
12	Towards a novel application of wastewater-based epidemiology in population-wide assessment of exposure to volatile organic compounds. <i>Science of the Total Environment</i> , 2022, 845, 157008.	3.9	2
13	Racial/Ethnic Differences in Associations of Non-cigarette Tobacco Product Use With Subsequent Initiation of Cigarettes in US Youths. <i>Nicotine and Tobacco Research</i> , 2021, 23, 900-908.	1.4	14
14	Smoking Accelerates Atrioventricular Conduction in Humans Concordant with Increased Dopamine Release. <i>Cardiovascular Toxicology</i> , 2021, 21, 169-178.	1.1	9
15	Wastewater Surveillance Can Have a Second Act in COVID-19 Vaccine Distribution. <i>JAMA Health Forum</i> , 2021, 2, e201616.	1.0	30
16	Association of Cigarette and Electronic Cigarette Use Patterns With Levels of Inflammatory and Oxidative Stress Biomarkers Among US Adults. <i>Circulation</i> , 2021, 143, 869-871.	1.6	41
17	E-Cigarettes and Cardiopulmonary Health. <i>Function</i> , 2021, 2, zqab004.	1.1	36
18	Evidence and magnitude of the effects of meteorological changes on SARS-CoV-2 transmission. <i>PLoS ONE</i> , 2021, 16, e0246167.	1.1	13

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19	Myocardial Blood Flow Control by Oxygen Sensing Vascular Kv ¹ 2 Proteins. <i>Circulation Research</i> , 2021, 128, 738-751.	2.0	11
20	Residential proximity to greenness mitigates the hemodynamic effects of ambient air pollution. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1102-H1111.	1.5	30
21	Cardiorespiratory and Immunologic Effects of Electronic Cigarettes. <i>Current Addiction Reports</i> , 2021, 8, 336-346.	1.6	34
22	Cigarette Smoking, Incident Coronary Heart Disease, and Coronary Artery Calcification in Black Adults: The Jackson Heart Study. <i>Journal of the American Heart Association</i> , 2021, 10, e017320.	1.6	19
23	Electronic cigarette solvents, pulmonary irritation, and endothelial dysfunction: role of acetaldehyde and formaldehyde. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1510-H1525.	1.5	28
24	Exposure to volatile organic compounds “acrolein, 1,3-butadiene, and crotonaldehyde” is associated with vascular dysfunction. <i>Environmental Research</i> , 2021, 196, 110903.	3.7	44
25	Lipid profiles in users of combustible and electronic cigarettes. <i>Vascular Medicine</i> , 2021, 26, 483-488.	0.8	12
26	Tobacco Use Prevalence and Transitions From 2013 to 2018 Among Adults With a History of Cardiovascular Disease. <i>Journal of the American Heart Association</i> , 2021, 10, e021118.	1.6	6
27	Omega-3 polyunsaturated fatty acids modify the inverse association between systemic inflammation and cardiovascular fitness. <i>Clinical Nutrition</i> , 2021, 40, 4097-4105.	2.3	5
28	Exposure to Fine Particulate Matter Air Pollution Alters mRNA and miRNA Expression in Bone Marrow-Derived Endothelial Progenitor Cells from Mice. <i>Genes</i> , 2021, 12, 1058.	1.0	5
29	Exploring the Nature of Associations Between SES and Greenness in the Green Heart Louisville Study. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
30	High-throughput sequencing of SARS-CoV-2 in wastewater provides insights into circulating variants. <i>Water Research</i> , 2021, 205, 117710.	5.3	93
31	Physiological and Pathological Roles of Aldose Reductase. <i>Metabolites</i> , 2021, 11, 655.	1.3	40
32	Serological assessment of SARS-CoV-2 infection during the first wave of the pandemic in Louisville Kentucky. <i>Scientific Reports</i> , 2021, 11, 18285.	1.6	10
33	Cannabis vaping among adults in the United States: Prevalence, trends, and association with high-risk behaviors and adverse respiratory conditions. <i>Preventive Medicine</i> , 2021, 153, 106800.	1.6	21
34	Greenness, air pollution, and mortality risk: A U.S. cohort study of cancer patients and survivors. <i>Environment International</i> , 2021, 157, 106797.	4.8	22
35	Urinary Levels of the Acrolein Conjugates of Carnosine Are Associated with Cardiovascular Disease Risk. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1383.	1.8	3
36	The Rapid Assessment of Aggregated Wastewater Samples for Genomic Surveillance of SARS-CoV-2 on a City-Wide Scale. <i>Pathogens</i> , 2021, 10, 1271.	1.2	15

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37	Subclinical markers of cardiovascular toxicity of benzene inhalation in mice. <i>Toxicology and Applied Pharmacology</i> , 2021, 431, 115742.	1.3	6
38	Characterization of Volatile Organic Compound Metabolites in Cigarette Smokers, Electronic Nicotine Device Users, Dual Users, and Nonusers of Tobacco. <i>Nicotine and Tobacco Research</i> , 2020, 22, 264-272.	1.4	51
39	Green environments and cardiovascular health. <i>Trends in Cardiovascular Medicine</i> , 2020, 30, 241-246.	2.3	43
40	Editorial Commentary: The cardiovascular cost of vaping. <i>Trends in Cardiovascular Medicine</i> , 2020, 30, 141-142.	2.3	0
41	Exposure to airborne fine particulate matter is associated with impaired endothelial function and biomarkers of oxidative stress and inflammation. <i>Environmental Research</i> , 2020, 180, 108890.	3.7	52
42	Invalidity of an Oft-Cited Estimate of the Relative Harms of Electronic Cigarettes. <i>American Journal of Public Health</i> , 2020, 110, 161-162.	1.5	58
43	Association Between E-Cigarette Use and Chronic Obstructive Pulmonary Disease by Smoking Status: Behavioral Risk Factor Surveillance System 2016 and 2017. <i>American Journal of Preventive Medicine</i> , 2020, 58, 336-342.	1.6	69
44	Association between residential greenness and exposure to volatile organic compounds. <i>Science of the Total Environment</i> , 2020, 707, 135435.	3.9	31
45	National secular trends in ambient air volatile organic compound levels and biomarkers of exposure in the United States. <i>Environmental Research</i> , 2020, 182, 108991.	3.7	26
46	The role and function of H^2O_2 in monocyte impairment. <i>Scientific Reports</i> , 2020, 10, 12222.	1.6	2
47	Prevalence, Trends, and Distribution of Nicotine and Marijuana use in E-cigarettes among US adults: The Behavioral Risk Factor Surveillance System 2016–2018. <i>Preventive Medicine</i> , 2020, 139, 106175.	1.6	27
48	Statistical design of Phase II/III clinical trials for testing therapeutic interventions in COVID-19 patients. <i>BMC Medical Research Methodology</i> , 2020, 20, 220.	1.4	6
49	Space Flight Diet-Induced Deficiency and Response to Gravity-Free Resistive Exercise. <i>Nutrients</i> , 2020, 12, 2400.	1.7	7
50	Urinary levels of the acrolein conjugates of carnosine are associated with inhaled toxicants. <i>Inhalation Toxicology</i> , 2020, 32, 468-476.	0.8	2
51	Personal-Level Protective Actions Against Particulate Matter Air Pollution Exposure: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2020, 142, e411-e431.	1.6	112
52	Guidance to Reduce the Cardiovascular Burden of Ambient Air Pollutants: A Policy Statement From the American Heart Association. <i>Circulation</i> , 2020, 142, e432-e447.	1.6	47
53	Cardiospecific Overexpression of ATPGD1 (Carnosine Synthase) Increases Histidine Dipeptide Levels and Prevents Myocardial Ischemia Reperfusion Injury. <i>Journal of the American Heart Association</i> , 2020, 9, e015222.	1.6	27
54	E-Cigarette Use Patterns and High-Risk Behaviors in Pregnancy: Behavioral Risk Factor Surveillance System, 2016–2018. <i>American Journal of Preventive Medicine</i> , 2020, 59, 187-195.	1.6	37

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55	Acute and chronic vascular effects of inhaled crotonaldehyde in mice: Role of TRPA1. <i>Toxicology and Applied Pharmacology</i> , 2020, 402, 115120.	1.3	18
56	Alterations in Vascular Function Associated With the Use of Combustible and Electronic Cigarettes. <i>Journal of the American Heart Association</i> , 2020, 9, e014570.	1.6	56
57	Association of Electronic Cigarette Use With Incident Respiratory Conditions Among US Adults From 2013 to 2018. <i>JAMA Network Open</i> , 2020, 3, e2020816.	2.8	67
58	Protocol to assess the efficacy of carnosine supplementation in mitigating the adverse cardiovascular responses to particulate matter (PM) exposure: the Nucleophilic Defense Against PM Toxicity (NEAT) trial. <i>BMJ Open</i> , 2020, 10, e039118.	0.8	1
59	The Enzymatic Function of Kv ^{1.2} Contributes to Resistance Artery Vasodilation. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
60	Comparison of Urinary Biomarkers of Exposure in Humans Using Electronic Cigarettes, Combustible Cigarettes, and Smokeless Tobacco. <i>Nicotine and Tobacco Research</i> , 2019, 21, 1228-1238.	1.4	76
61	Carnosine Supplementation Enhances Post Ischemic Hind Limb Revascularization. <i>Frontiers in Physiology</i> , 2019, 10, 751.	1.3	13
62	Carnosine Supplementation Mitigates the Deleterious Effects of Particulate Matter Exposure in Mice. <i>Journal of the American Heart Association</i> , 2019, 8, e013041.	1.6	18
63	Exercise Promotes Resolution of Acute Inflammation by Catecholamine-Mediated Stimulation of Resolvin D1 Biosynthesis. <i>Journal of Immunology</i> , 2019, 203, 3013-3022.	0.4	18
64	Metabolic regulation of Kv channels and cardiac repolarization by Kv ^{1.2} subunits. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 137, 93-106.	0.9	21
65	Comparative effects of parent and heated cinnamaldehyde on the function of human iPSC-derived cardiac myocytes. <i>Toxicology in Vitro</i> , 2019, 61, 104648.	1.1	11
66	Association of Electronic Cigarette Use With Subsequent Initiation of Tobacco Cigarettes in US Youths. <i>JAMA Network Open</i> , 2019, 2, e187794.	2.8	226
67	Cigarette Smoking and Subclinical Peripheral Arterial Disease in Blacks of the Jackson Heart Study. <i>Journal of the American Heart Association</i> , 2019, 8, e010674.	1.6	27
68	Modeling Cardiovascular Risks of E-Cigarettes With Human-Induced Pluripotent Stem Cell-Derived Endothelial Cells. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2722-2737.	1.2	108
69	Is There A Role for Electronic Cigarettes in Tobacco Cessation?. <i>Journal of the American Heart Association</i> , 2019, 8, e012742.	1.6	30
70	Biochemical and physiological properties of K ⁺ channel-associated AKR6A (Kv ^{1.2}) proteins. <i>Chemico-Biological Interactions</i> , 2019, 305, 21-27.	1.7	5
71	Inhibition of aldose reductase activity stimulates starvation induced autophagy and clears aldehyde protein adducts. <i>Chemico-Biological Interactions</i> , 2019, 306, 104-109.	1.7	5
72	Relation Between Cigarette Smoking and Heart Failure (from the Multiethnic Study of	0.7	20

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73	Association Between E-Cigarette Use and Cardiovascular Disease Among Never and Current Combustible-Cigarette Smokers. <i>American Journal of Medicine</i> , 2019, 132, 949-954.e2.	0.6	139
74	Water Pipe (Hookah) Smoking and Cardiovascular Disease Risk: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2019, 139, e917-e936.	1.6	100
75	New and Emerging Tobacco Products and the Nicotine Endgame: The Role of Robust Regulation and Comprehensive Tobacco Control and Prevention: A Presidential Advisory From the American Heart Association. <i>Circulation</i> , 2019, 139, e937-e958.	1.6	60
76	Cardiovascular injury induced by tobacco products: assessment of risk factors and biomarkers of harm. A Tobacco Centers of Regulatory Science compilation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H801-H827.	1.5	54
77	TRPA1 channel contributes to myocardial ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H889-H899.	1.5	42
78	Acetaldehyde Induces an Endothelium-Dependent Relaxation of Superior Mesenteric Artery: Potential Role in Postprandial Hyperemia. <i>Frontiers in Physiology</i> , 2019, 10, 1315.	1.3	12
79	Does Air Pollution Increase Risk of Mortality After Cardiac Transplantation?. <i>Journal of the American College of Cardiology</i> , 2019, 74, 3036-3038.	1.2	3
80	Association Between e-Cigarette Use and Depression in the Behavioral Risk Factor Surveillance System, 2016-2017. <i>JAMA Network Open</i> , 2019, 2, e1916800.	2.8	101
81	Association between serum cotinine levels and electrocardiographic left atrial abnormality. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12586.	0.5	4
82	Carnosine protects cardiac myocytes against lipid peroxidation products. <i>Amino Acids</i> , 2019, 51, 123-138.	1.2	55
83	Benzene Exposure Induces Insulin Resistance in Mice. <i>Toxicological Sciences</i> , 2019, 167, 426-437.	1.4	35
84	E-Cigarette Use Without a History of Combustible Cigarette Smoking Among U.S. Adults: Behavioral Risk Factor Surveillance System, 2016. <i>Annals of Internal Medicine</i> , 2019, 170, 76.	2.0	33
85	Nicotine Metabolism in Adults With Type 2 Diabetes. <i>Nicotine and Tobacco Research</i> , 2019, 21, 846-849.	1.4	13
86	Systemic Toxicity of Smokeless Tobacco Products in Mice. <i>Nicotine and Tobacco Research</i> , 2019, 21, 101-110.	1.4	24
87	Acute exposure to air pollution is associated with novel changes in blood levels of endothelin-1 and circulating angiogenic cells in young, healthy adults. <i>AIMS Environmental Science</i> , 2019, 6, 265-276.	0.7	4
88	Cigarette Smoking and Incident Heart Failure. <i>Circulation</i> , 2018, 137, 2572-2582.	1.6	96
89	Deficiency of aldose reductase exacerbates early pressure overload-induced cardiac dysfunction and autophagy in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 118, 183-192.	0.9	23
90	Protocol to assess the impact of tobacco-induced volatile organic compounds on cardiovascular risk in a cross-sectional cohort: Cardiovascular Injury due to Tobacco Use study. <i>BMJ Open</i> , 2018, 8, e019850.	0.8	13

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91	E-cigarette initiation and associated changes in smoking cessation and reduction: the Population Assessment of Tobacco and Health Study, 2013–2015. <i>Tobacco Control</i> , 2018, 28, tobaccocontrol-2017-054108.	1.8	136
92	Defining the Human Envirome. <i>Circulation Research</i> , 2018, 122, 1259-1275.	2.0	47
93	Role of thiols in oxidative stress. <i>Current Opinion in Toxicology</i> , 2018, 7, 133-139.	2.6	133
94	Inhalation of Fine Particulate Matter Impairs Endothelial Progenitor Cell Function Via Pulmonary Oxidative Stress. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 131-142.	1.1	71
95	Association Between Residential Greenness and Cardiovascular Disease Risk. <i>Journal of the American Heart Association</i> , 2018, 7, e009117.	1.6	114
96	Comprehensive, robust, and sensitive UPLC-MS/MS analysis of free biogenic monoamines and their metabolites in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1099, 83-91.	1.2	21
97	Cardiac mesenchymal cells from diabetic mice are ineffective for cell therapy-mediated myocardial repair. <i>Basic Research in Cardiology</i> , 2018, 113, 46.	2.5	41
98	Introduction to Cardiovascular Aging Compendium. <i>Circulation Research</i> , 2018, 123, 737-739.	2.0	8
99	Circulating angiogenic stem cells in type 2 diabetes are associated with glycemic control and endothelial dysfunction. <i>PLoS ONE</i> , 2018, 13, e0205851.	1.1	20
100	Cardiovascular Effects and Benefits of Exercise. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 135.	1.1	386
101	Glutathione <i>S</i> -transferase P deficiency induces glucose intolerance via JNK-dependent enhancement of hepatic gluconeogenesis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E1005-E1018.	1.8	14
102	Electronic cigarette-generated aldehydes: The contribution of e-liquid components to their formation and the use of urinary aldehyde metabolites as biomarkers of exposure. <i>Aerosol Science and Technology</i> , 2018, 52, 1219-1232.	1.5	64
103	Prevalence and Distribution of E-Cigarette Use Among U.S. Adults: Behavioral Risk Factor Surveillance System, 2016. <i>Annals of Internal Medicine</i> , 2018, 169, 429-438.	2.0	265
104	Flavorings in Tobacco Products Induce Endothelial Cell Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1607-1615.	1.1	97
105	Enviromics: understanding aging. <i>Aging</i> , 2018, 11, 9-10.	1.4	1
106	The relationship between smoking intensity and subclinical cardiovascular injury: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2017, 258, 119-130.	0.4	66
107	Are Electronic Cigarette Users at Increased Risk for Cardiovascular Disease?. <i>JAMA Cardiology</i> , 2017, 2, 237.	3.0	10
108	Aldose reductase (AKR1B) deficiency promotes phagocytosis in bone marrow derived mouse macrophages. <i>Chemico-Biological Interactions</i> , 2017, 265, 16-23.	1.7	11

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109	Heteromeric complexes of aldo-keto reductase auxiliary K V $\hat{1}^2$ subunits (AKR6A) regulate sarcolemmal localization of K V 1.5 in coronary arterial myocytes. <i>Chemico-Biological Interactions</i> , 2017, 276, 210-217.	1.7	15
110	Biomarkers of Chronic Acrolein Inhalation Exposure in Mice: Implications for Tobacco Product-Induced Toxicity. <i>Toxicological Sciences</i> , 2017, 158, 263-274.	1.4	42
111	Biomarkers of exposure to new and emerging tobacco delivery products. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L425-L452.	1.3	95
112	Kv $\hat{1}^2$ 1.1 (AKR6A8) senses pyridine nucleotide changes in the mouse heart and modulates cardiac electrical activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H571-H583.	1.5	16
113	Systems characterization of differential plasma metabolome perturbations following thrombotic and non-thrombotic myocardial infarction. <i>Journal of Proteomics</i> , 2017, 160, 38-46.	1.2	15
114	Response by Bhatnagar to Letter Regarding Article, "Environmental Determinants of Cardiovascular Disease". <i>Circulation Research</i> , 2017, 121, e81-e82.	2.0	3
115	Exercise-Induced Changes in Glucose Metabolism Promote Physiological Cardiac Growth. <i>Circulation</i> , 2017, 136, 2144-2157.	1.6	103
116	Integration of flux measurements to resolve changes in anabolic and catabolic metabolism in cardiac myocytes. <i>Biochemical Journal</i> , 2017, 474, 2785-2801.	1.7	55
117	Environmental Determinants of Cardiovascular Disease. <i>Circulation Research</i> , 2017, 121, 162-180.	2.0	337
118	Associations of Cigarette Smoking With Subclinical Inflammation and Atherosclerosis: ELSA-Brazil (The Brazilian Longitudinal Study of Adult Health). <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	67
119	Distribution based nearest neighbor imputation for truncated high dimensional data with applications to pre-clinical and clinical metabolomics studies. <i>BMC Bioinformatics</i> , 2017, 18, 114.	1.2	52
120	Identification of a plasma metabolomic signature of thrombotic myocardial infarction that is distinct from non-thrombotic myocardial infarction and stable coronary artery disease. <i>PLoS ONE</i> , 2017, 12, e0175591.	1.1	27
121	Benzene exposure is associated with cardiovascular disease risk. <i>PLoS ONE</i> , 2017, 12, e0183602.	1.1	55
122	Presence of multiple coronary angiographic characteristics for the diagnosis of acute coronary thrombus. <i>Cardiology Journal</i> , 2017, 24, 25-34.	0.5	11
123	Exposure to Fine Particulate Air Pollution Causes Vascular Insulin Resistance by Inducing Pulmonary Oxidative Stress. <i>Environmental Health Perspectives</i> , 2016, 124, 1830-1839.	2.8	180
124	FVB/NJ Mice Are a Useful Model for Examining Cardiac Adaptations to Treadmill Exercise. <i>Frontiers in Physiology</i> , 2016, 7, 636.	1.3	22
125	Carnosine and anserine homeostasis in skeletal muscle and heart is controlled by $\hat{1}^2$ alanine transamination. <i>Journal of Physiology</i> , 2016, 594, 4849-4863.	1.3	57
126	Bone marrow cell characteristics associated with patient profile and cardiac performance outcomes in the LateTIME-Cardiovascular Cell Therapy Research Network (CCTRN) trial. <i>American Heart Journal</i> , 2016, 179, 142-150.	1.2	18

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127	TNF receptor signaling inhibits cardiomyogenic differentiation of cardiac stem cells and promotes a neuroadrenergic-like fate. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1189-H1201.	1.5	18
128	Identification of Bone Marrow Cell Subpopulations Associated with Improved Functional Outcomes in Patients with Chronic Left Ventricular Dysfunction: An Embedded Cohort Evaluation of the FOCUS-CCTR Trial. <i>Cell Transplantation</i> , 2016, 25, 1675-1687.	1.2	32
129	Type 2 Diabetes Dysregulates Glucose Metabolism in Cardiac Progenitor Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 13634-13648.	1.6	35
130	Evidence-Based Policy Making: Assessment of the American Heart Association's Strategic Policy Portfolio. <i>Circulation</i> , 2016, 133, e615-53.	1.6	36
131	CCR7 Maintains Nonresolving Lymph Node and Adipose Inflammation in Obesity. <i>Diabetes</i> , 2016, 65, 2268-2281.	0.3	32
132	Enhanced Integrin $\alpha 4 \beta 1$ -Mediated Adhesion Contributes to a Mobilization Defect of Endothelial Progenitor Cells in Diabetes. <i>Diabetes</i> , 2016, 65, 3505-3515.	0.3	20
133	Resolvin D2 Enhances Postischemic Revascularization While Resolving Inflammation. <i>Circulation</i> , 2016, 134, 666-680.	1.6	85
134	Measurement of Reactive Oxygen Species, Reactive Nitrogen Species, and Redox-Dependent Signaling in the Cardiovascular System. <i>Circulation Research</i> , 2016, 119, e39-75.	2.0	290
135	Cardiovascular Perspective of the Promises and Perils of E-Cigarettes. <i>Circulation Research</i> , 2016, 118, 1872-1875.	2.0	34
136	Exposure to Fine Particulate Air Pollution Is Associated With Endothelial Injury and Systemic Inflammation. <i>Circulation Research</i> , 2016, 119, 1204-1214.	2.0	472
137	Deletion of Kv $\beta 1.1$ subunit leads to electrical and haemodynamic changes causing cardiac hypertrophy in female murine hearts. <i>Experimental Physiology</i> , 2016, 101, 494-508.	0.9	18
138	Cigarette Smoking and Chronic Kidney Disease in African Americans in the Jackson Heart Study. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	47
139	E-Cigarettes and Cardiovascular Disease Risk: Evaluation of Evidence, Policy Implications, and Recommendations. <i>Current Cardiovascular Risk Reports</i> , 2016, 10, 1.	0.8	53
140	Insulin sensitizers prevent fine particulate matter-induced vascular insulin resistance and changes in endothelial progenitor cell homeostasis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1423-H1438.	1.5	46
141	Circulating levels of plasminogen and oxidized phospholipids bound to plasminogen distinguish between atherothrombotic and non-atherothrombotic myocardial infarction. <i>Journal of Thrombosis and Thrombolysis</i> , 2016, 42, 61-76.	1.0	28
142	Anti-inflammatory effects of miR-21 in the macrophage response to peritonitis. <i>Journal of Leukocyte Biology</i> , 2016, 99, 361-371.	1.5	80
143	Tobacco Use, Insulin Resistance, and Risk of Type 2 Diabetes: Results from the Multi-Ethnic Study of Atherosclerosis. <i>PLoS ONE</i> , 2016, 11, e0157592.	1.1	31
144	Modulation of tumorigenesis by the pro-inflammatory microRNA miR-301a in mouse models of lung cancer and colorectal cancer. <i>Cell Discovery</i> , 2015, 1, 15005.	3.1	34

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145	Glutamine Regulates Cardiac Progenitor Cell Metabolism and Proliferation. <i>Stem Cells</i> , 2015, 33, 2613-2627.	1.4	46
146	O-GlcNAcylation Negatively Regulates Cardiomyogenic Fate in Adult Mouse Cardiac Mesenchymal Stromal Cells. <i>PLoS ONE</i> , 2015, 10, e0142939.	1.1	6
147	The oncogenic microRNA miR-21 promotes regulated necrosis in mice. <i>Nature Communications</i> , 2015, 6, 7151.	5.8	78
148	Oxidative and reductive metabolism of lipid-peroxidation derived carbonyls. <i>Chemico-Biological Interactions</i> , 2015, 234, 261-273.	1.7	109
149	Atf3 negatively regulates Ptgs2/Cox2 expression during acute inflammation. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 116-117, 49-56.	1.0	44
150	Bone Marrow Characteristics Associated With Changes in Infarct Size After STEMI. <i>Circulation Research</i> , 2015, 116, 99-107.	2.0	65
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