

Ismail Laher

List of Publications by Year in descending order

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Version: 2024-02-01

230
papers

9,049
citations

41258

49
h-index

58464

82
g-index

234
all docs

234
docs citations

234
times ranked

11730
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting vascular (endothelial) dysfunction. British Journal of Pharmacology, 2017, 174, 1591-1619.	2.7	355
2	Superficial buffer barrier function of smooth muscle sarcoplasmic reticulum. Trends in Pharmacological Sciences, 1995, 16, 98-105.	4.0	245
3	Exercise Modulates Oxidative Stress and Inflammation in Aging and Cardiovascular Diseases. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-32.	1.9	229
4	Structural and Functional Alteration of Blood Vessels Caused by Cigarette Smoking: An Overview of Molecular Mechanisms. Current Vascular Pharmacology, 2007, 5, 276-292.	0.8	185
5	Diabetes and Alpha Lipoic Acid. Frontiers in Pharmacology, 2011, 2, 69.	1.6	182
6	Pressure and flow-dependent vascular tone. FASEB Journal, 1991, 5, 2267-2273.	0.2	174
7	Protein kinase C modulates basal myogenic tone in resistance arteries from the cerebral circulation.. Circulation Research, 1991, 68, 359-367.	2.0	167
8	Molecular mechanisms of the cardiovascular protective effects of polyphenols. British Journal of Nutrition, 2012, 108, 1532-1549.	1.2	164
9	Antioxidants in the Treatment of Diabetes. Current Diabetes Reviews, 2011, 7, 106-125.	0.6	158
10	Chronic stress impacts the cardiovascular system: animal models and clinical outcomes. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1476-H1498.	1.5	158
11	Particulate matter exposure induces persistent lung inflammation and endothelial dysfunction. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L79-L85.	1.3	157
12	Health Benefits of Fasting and Caloric Restriction. Current Diabetes Reports, 2017, 17, 123.	1.7	152
13	Exercise, Vascular Wall and Cardiovascular Diseases. Sports Medicine, 2008, 38, 1009-1024.	3.1	139
14	Exercise Induced Adipokine Changes and the Metabolic Syndrome. Journal of Diabetes Research, 2014, 2014, 1-16.	1.0	137
15	The pharmacology of particulate matter air pollution-induced cardiovascular dysfunction. , 2007, 113, 16-29.		135
16	Diabetes epidemic sweeping the Arab world. World Journal of Diabetes, 2016, 7, 165.	1.3	134
17	Free radical biology of the cardiovascular system. Clinical Science, 2012, 123, 73-91.	1.8	132
18	Protein Kinase C and Cerebral Vasospasm. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 887-906.	2.4	131

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19	Obesity in Arabic-Speaking Countries. <i>Journal of Obesity</i> , 2011, 2011, 1-9.	1.1	130
20	Type II Diabetes Mellitus in Arabic-Speaking Countries. <i>International Journal of Endocrinology</i> , 2012, 2012, 1-11.	0.6	127
21	Bladder Dysfunction in Diabetes Mellitus. <i>Frontiers in Pharmacology</i> , 2010, 1, 136.	1.6	109
22	Obstructive Sleep Apnea and Kidney Disease: A Potential Bidirectional Relationship?. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 915-924.	1.4	102
23	Store-operated calcium entry in vascular smooth muscle. <i>British Journal of Pharmacology</i> , 2008, 153, 846-857.	2.7	101
24	Antioxidant and Anti-Inflammatory Effects of Exercise in Diabetic Patients. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-16.	3.8	100
25	Augmented Contractile Response of Vascular Smooth Muscle in a Diabetic Mouse Model. <i>Journal of Vascular Research</i> , 2003, 40, 520-530.	0.6	97
26	Exercise restores endothelial function independently of weight loss or hyperglycaemic status in db/db mice. <i>Diabetologia</i> , 2008, 51, 1327-1337.	2.9	95
27	Exercise in the Metabolic Syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-13.	1.9	93
28	Epidemiology of Sleep Disturbances and Cardiovascular Consequences. <i>Canadian Journal of Cardiology</i> , 2015, 31, 873-879.	0.8	93
29	Pharmacological Modulation of Sarcoplasmic Reticulum Function in Smooth Muscle. <i>Pharmacological Reviews</i> , 2004, 56, 439-513.	7.1	91
30	Moderate exercise attenuates caspase-3 activity, oxidative stress, and inhibits progression of diabetic renal disease in db/db mice. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F700-F708.	1.3	91
31	Statin Reverses Smoke-induced Pulmonary Hypertension and Prevents Emphysema but Not Airway Remodeling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 50-58.	2.5	86
32	Signaling Mechanisms in Cerebral Vasospasm. <i>Trends in Cardiovascular Medicine</i> , 2005, 15, 24-34.	2.3	82
33	Pressure-dependent myogenic constriction of cerebral arteries occurs independently of voltage-dependent activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H2187-H2195.	1.5	79
34	Sympathetic control of cerebral arteries: specialization in receptor type, reserve, affinity, and distribution. <i>FASEB Journal</i> , 1987, 1, 193-198.	0.2	78
35	Peripheral vascular function in spinal cord injury: a systematic review. <i>Spinal Cord</i> , 2013, 51, 10-19.	0.9	78
36	Vascular endothelial function in health and diseases. <i>Pathophysiology</i> , 2008, 15, 49-67.	1.0	76

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37	Therapeutic potential of pharmacologically targeting arteriolar myogenic tone. Trends in Pharmacological Sciences, 2009, 30, 363-374.	4.0	73
38	Myogenic tone is coupled to phospholipase C and G protein activation in small cerebral arteries. American Journal of Physiology - Heart and Circulatory Physiology, 1993, 265, H415-H420.	1.5	71
39	Exercise, Vascular Wall and Cardiovascular Diseases. Sports Medicine, 2009, 39, 45-63.	3.1	71
40	Cardiovascular Complications of Sleep Apnea: Role of Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-10.	1.9	71
41	Potential of norepinephrine-induced contractions by endothelin-1 in the rabbit aorta.. Hypertension, 1993, 22, 78-83.	1.3	69
42	Emerging role of G protein-coupled receptors in microvascular myogenic tone. Cardiovascular Research, 2012, 95, 223-232.	1.8	66
43	Effects of Music Therapy on Patients with Dementiaâ€”A Systematic Review. Geriatrics (Switzerland), 2020, 5, 62.	0.6	59
44	Molecular Mechanisms in Exercise-Induced Cardioprotection. Cardiology Research and Practice, 2011, 2011, 1-15.	0.5	58
45	Does green tea extract enhance the anti-inflammatory effects of exercise on fat loss?. British Journal of Clinical Pharmacology, 2020, 86, 753-762.	1.1	58
46	Stretch-dependent calcium uptake associated with myogenic tone in rabbit facial vein.. Circulation Research, 1988, 63, 669-672.	2.0	54
47	Cardiovascular Consequences of Sleep Apnea. Lung, 2012, 190, 113-132.	1.4	54
48	Estrogen and selective estrogen receptor modulator LY117018 enhance release of nitric oxide in rat aorta. Journal of Pharmacology and Experimental Therapeutics, 1997, 283, 116-22.	1.3	53
49	Exercise Pills: At the Starting Line. Trends in Pharmacological Sciences, 2015, 36, 906-917.	4.0	51
50	Smoking and Endothelial Dysfunction. Current Vascular Pharmacology, 2019, 18, 1-11.	0.8	51
51	Inhibitors of gap junctions attenuate myogenic tone in cerebral arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H2177-H2186.	1.5	50
52	Recurrent autonomic dysreflexia exacerbates vascular dysfunction after spinal cord injury. Spine Journal, 2010, 10, 1108-1117.	0.6	50
53	Chronic intermittent hypoxia causes endothelial dysfunction in a mouse model of diet-induced obesity. Sleep Medicine, 2014, 15, 596-602.	0.8	49
54	The Obesity Epidemic: Pharmacological Challenges. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2008, 8, 82-98.	3.4	49

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55	Heterogeneity of endothelium-dependent vasodilation in pressurized cerebral and small mesenteric resistance arteries of the rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1999, 290, 832-9.	1.3	49
56	Immunosuppression and transplant vascular disease: benefits and adverse effects. , 2003, 100, 141-156.		48
57	Exercise restores coronary vascular function independent of myogenic tone or hyperglycemic status in <i>db/db</i> mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1470-H1480.	1.5	48
58	Hydrogen gas: from clinical medicine to an emerging ergogenic molecule for sports athletes. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 797-807.	0.7	48
59	<p>Exercise Training and Fasting: Current Insights</p>. <i>Open Access Journal of Sports Medicine</i> , 2020, Volume 11, 1-28.	0.6	48
60	Exercise and the Cardiovascular System. <i>Cardiology Research and Practice</i> , 2012, 2012, 1-15.	0.5	47
61	New frontiers in obstructive sleep apnoea. <i>Clinical Science</i> , 2014, 127, 209-216.	1.8	46
62	Insights into obstructive sleep apnea research. <i>Sleep Medicine</i> , 2014, 15, 485-495.	0.8	46
63	Reactivity of Mesenteric Arteries From Fructose Hypertensive Rats to Endothelin-1. <i>American Journal of Hypertension</i> , 1997, 10, 1010-1019.	1.0	45
64	Intermittent hypoxia causes histological kidney damage and increases growth factor expression in a mouse model of obstructive sleep apnea. <i>PLoS ONE</i> , 2018, 13, e0192084.	1.1	44
65	Estrogen regulates myogenic tone in pressurized cerebral arteries by enhanced basal release of nitric oxide. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1997, 273, H2248-H2256.	1.5	43
66	Gestational intermittent hypoxia induces endothelial dysfunction, reduces perivascular adiponectin and causes epigenetic changes in adult male offspring. <i>Journal of Physiology</i> , 2019, 597, 5349-5364.	1.3	43
67	Staurosporine, a protein kinase C inhibitor, attenuates Ca ²⁺ -dependent stretch-induced vascular tone. <i>Biochemical and Biophysical Research Communications</i> , 1989, 158, 58-62.	1.0	42
68	Effects of green tea extract supplementation and endurance training on irisin, pro-inflammatory cytokines, and adiponectin concentrations in overweight middle-aged men. <i>European Journal of Applied Physiology</i> , 2020, 120, 915-923.	1.2	42
69	Twenty Years of Calcium Imaging: Cell Physiology to Dye For. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2005, 5, 112-127.	3.4	42
70	The influence of ovariectomy and estrogen replacement on voiding patterns and detrusor muscarinic receptor affinity in the rat. <i>Life Sciences</i> , 2002, 71, 351-362.	2.0	41
71	Short Term Exercise Induces PGC-1 β , Ameliorates Inflammation and Increases Mitochondrial Membrane Proteins but Fails to Increase Respiratory Enzymes in Aging Diabetic Hearts. <i>PLoS ONE</i> , 2013, 8, e70248.	1.1	41
72	Oxidative Stress: A Unifying Mechanism for Cell Damage Induced by Noise, (Water-Pipe) Smoking, and Emotional Stress”<i>Therapeutic Strategies Targeting Redox Imbalance</i>. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 741-759.	2.5	41

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73	Angiotensin II amplifies arterial contractile response to norepinephrine without increasing Ca ⁺⁺ influx: role of protein kinase C. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1992, 261, 835-40.	1.3	41
74	Nonspecific Inhibition of Myogenic Tone by PD98059, a MEK1 Inhibitor, in Rat Middle Cerebral Arteries. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 523-527.	1.0	40
75	Hyperglycemia and hyperlipidemia are associated with endothelial dysfunction during the development of type 2 diabetes. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 562-567.	0.7	40
76	Subcellular characterization of glucose uptake in coronary endothelial cells. <i>Microvascular Research</i> , 2008, 75, 73-82.	1.1	39
77	Cardiovascular consequences of obstructive sleep apnea. <i>Current Opinion in Cardiology</i> , 2016, 31, 599-605.	0.8	39
78	A review of changes in vascular smooth muscle functions in hypertension: isolated tissue versus in vivo studies. <i>Canadian Journal of Physiology and Pharmacology</i> , 1985, 63, 355-365.	0.7	38
79	Uncoupling of Vascular Nitric Oxide Synthase Caused by Intermittent Hypoxia. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	38
80	Antioxidant therapy in human endocrine disorders. <i>Medical Science Monitor</i> , 2010, 16, RA9-24.	0.5	38
81	Sarcoplasmic Reticulum-Sarcolemma Interactions and Vascular Smooth Muscle Tone. <i>Journal of Vascular Research</i> , 1997, 34, 325-343.	0.6	37
82	Transient Hypertension after Spinal Cord Injury Leads to Cerebrovascular Endothelial Dysfunction and Fibrosis. <i>Journal of Neurotrauma</i> , 2018, 35, 573-581.	1.7	37
83	Protein kinase C activation selectively augments a stretch-induced, calcium-dependent tone in vascular smooth muscle. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1987, 242, 566-72.	1.3	37
84	Intraluminal flow increases vascular tone and 45Ca ²⁺ influx in the rabbit facial vein.. <i>Circulation Research</i> , 1992, 71, 339-345.	2.0	35
85	Long-term effects of ovariectomy and estrogen replacement treatment on endothelial function in mature rats. <i>Maturitas</i> , 2003, 45, 213-223.	1.0	35
86	Bosentan Enhances Viral Load via Endothelin-1 Receptor Type-1 Mediated p38 Mitogen-Activated Protein Kinase Activation While Improving Cardiac Function During Coxsackievirus-Induced Myocarditis. <i>Circulation Research</i> , 2009, 104, 813-821.	2.0	35
87	Estrogen and Tamoxifen Modulate Cerebrovascular Tone in Ovariectomized Female Rats. <i>Hypertension</i> , 2004, 44, 78-82.	1.3	34
88	Systems biology of antioxidants. <i>Clinical Science</i> , 2012, 123, 173-192.	1.8	34
89	Further evidence from an elastic artery that angiotensin II amplifies noradrenaline-induced contraction through activation of protein kinase C. <i>European Journal of Pharmacology</i> , 1992, 224, 13-20.	1.7	33
90	Effects of Ramadan Intermittent Fasting on Gut Hormones and Body Composition in Males with Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5600.	1.2	33

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91	Effects of Ramadan intermittent fasting on inflammatory and biochemical biomarkers in males with obesity. <i>Physiology and Behavior</i> , 2020, 225, 113090.	1.0	33
92	Protein kinase C potentiates stretch-induced cerebral artery tone by increasing intracellular sensitivity to Ca ²⁺ . <i>Biochemical and Biophysical Research Communications</i> , 1989, 165, 312-318.	1.0	31
93	Raloxifene prevents endothelial dysfunction in aging ovariectomized female rats. <i>Vascular Pharmacology</i> , 2006, 44, 290-298.	1.0	31
94	Cytochrome p450 2C inhibition reduces post-ischemic vascular dysfunction. <i>Vascular Pharmacology</i> , 2005, 43, 213-219.	1.0	30
95	Passive Hind-Limb Cycling Reduces the Severity of Autonomic Dysreflexia After Experimental Spinal Cord Injury. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 317-327.	1.4	30
96	Selecting exercise regimens and strains to modify obesity and diabetes in rodents: an overview. <i>Clinical Science</i> , 2010, 119, 57-74.	1.8	29
97	Exercise and the Aging Endothelium. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-12.	1.0	29
98	Rigid and remodelled: cerebrovascular structure and function after experimental high-thoracic spinal cord transection. <i>Journal of Physiology</i> , 2016, 594, 1677-1688.	1.3	29
99	Waterpipe (shisha, hookah) smoking, oxidative stress and hidden disease potential. <i>Redox Biology</i> , 2020, 34, 101455.	3.9	29
100	The effects of physical activity on adipokines in individuals with overweight/obesity across the lifespan: A narrative review. <i>Obesity Reviews</i> , 2021, 22, e13090.	3.1	29
101	Effects of histamine on rat isolated atria. <i>Canadian Journal of Physiology and Pharmacology</i> , 1980, 58, 1114-1116.	0.7	28
102	Increased vascular contractility in isolated vessels from cigarette smoking rats is mediated by basal endothelin release. <i>Vascular Pharmacology</i> , 2007, 46, 35-42.	1.0	28
103	Alpha Lipoic Acid Improves Endothelial Function and Oxidative Stress in Mice Exposed to Chronic Intermittent Hypoxia. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	28
104	Insulin-induced vasodilation is dependent on tetrahydrobiopterin synthesis. <i>Metabolism: Clinical and Experimental</i> , 1998, 47, 1037-1039.	1.5	27
105	Phorbol Ester-induced Potentiation of Myogenic Tone is not Associated with Increases in Ca ²⁺ Influx, Myoplasmic Free Ca ²⁺ Concentration, or 20-kDa Myosin Light Chain Phosphorylation. <i>Journal of Molecular and Cellular Cardiology</i> , 1994, 26, 297-302.	0.9	26
106	Potential Mechanisms of Exercise in Gestational Diabetes. <i>Journal of Nutrition and Metabolism</i> , 2013, 2013, 1-16.	0.7	25
107	Effects of physical training on anthropometrics, physical and physiological capacities in individuals with obesity: A systematic review. <i>Obesity Reviews</i> , 2020, 21, e13039.	3.1	25
108	Alpha adrenoceptor number limits response of some rabbit arteries to norepinephrine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1985, 233, 290-7.	1.3	25

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109	Emerging role of cyclic ADP-ribose (cADPR) in smooth muscle. , 2005, 105, 189-207.		24
110	Sulfaphenazole treatment restores endothelium-dependent vasodilation in diabetic mice. <i>Vascular Pharmacology</i> , 2008, 48, 1-8.	1.0	24
111	An Update on COVID-19 Vaccine Induced Thrombotic Thrombocytopenia Syndrome and Some Management Recommendations. <i>Molecules</i> , 2021, 26, 5004.	1.7	24
112	Effects of histamine in the isolated kitten heart. <i>Canadian Journal of Physiology and Pharmacology</i> , 1980, 58, 1256-1261.	0.7	23
113	ENDOTHELIUM-SMOOTH MUSCLE INTERACTIONS IN BLOOD VESSELS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997, 24, 989-992.	0.9	23
114	Pharmacology of the mouse-isolated cerebral artery. <i>Vascular Pharmacology</i> , 2004, 41, 97-106.	1.0	23
115	Immune-Mediated Vascular Injury and Dysfunction in Transplant Arteriosclerosis. <i>Frontiers in Immunology</i> , 2015, 5, 684.	2.2	23
116	Differential sensitivity of Dahl salt-sensitive and Dahl salt-resistant rats to the hypotensive action of acute nifedipine administration. <i>Canadian Journal of Physiology and Pharmacology</i> , 1984, 62, 241-243.	0.7	21
117	Intermittent hypoxia impairs uterine artery function in pregnant mice. <i>Journal of Physiology</i> , 2019, 597, 2639-2650.	1.3	21
118	Obstructive Sleep Apnea and Circulating Biomarkers of Oxidative Stress: A Cross-Sectional Study. <i>Antioxidants</i> , 2020, 9, 476.	2.2	21
119	Potential harms of supplementation with high doses of antioxidants in athletes. <i>Journal of Exercise Science and Fitness</i> , 2022, 20, 269-275.	0.8	21
120	Profound Inhibition of Myogenic Tone in Rat Cardiac Allografts Is Due to eNOS- and iNOS-Based Nitric Oxide and an Intrinsic Defect in Vascular Smooth Muscle Contraction. <i>Circulation</i> , 2000, 101, 1303-1310.	1.6	20
121	Effect of Moderate-Intensity Exercise on Plasma C-Reactive Protein and Aortic Endothelial Function in Type 2 Diabetic Mice. <i>Mediators of Inflammation</i> , 2010, 2010, 1-7.	1.4	20
122	Folic Acid Supplementation of Female Mice, with or without Vitamin B-12, before and during Pregnancy and Lactation Programs Adiposity and Vascular Health in Adult Male Offspring. <i>Journal of Nutrition</i> , 2016, 146, 688-696.	1.3	20
123	Changes in Titin and Collagen Modulate Effects of Aerobic and Resistance Exercise on Diabetic Cardiac Function. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 404-414.	1.1	20
124	Circulating biomarkers to identify cardiometabolic complications in patients with Obstructive Sleep Apnea: A systematic review. <i>Sleep Medicine Reviews</i> , 2019, 44, 48-57.	3.8	20
125	Estrogen augments cyclopiazonic acid-mediated, endothelium-dependent vasodilation. <i>European Journal of Pharmacology</i> , 1997, 327, 143-149.	1.7	19
126	Endothelial and myogenic regulation of coronary artery tone in the mouse. <i>European Journal of Pharmacology</i> , 2000, 410, 25-31.	1.7	19

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127	Tamoxifen dilates porcine coronary arteries: roles for nitric oxide and ouabain-sensitive mechanisms. <i>British Journal of Pharmacology</i> , 2006, 149, 703-711.	2.7	19
128	Convalescent plasma therapy in the treatment of COVID-19: Practical considerations: Correspondence. <i>International Journal of Surgery</i> , 2020, 79, 204-205.	1.1	19
129	Effect of Fresh Orange Juice Intake on Physiological Characteristics in Healthy Volunteers. <i>ISRN Nutrition</i> , 2014, 2014, 1-7.	1.7	18
130	Glutathione administration reduces mitochondrial damage and shifts cell death from necrosis to apoptosis in ageing diabetic mice hearts during exercise. <i>British Journal of Pharmacology</i> , 2014, 171, 5345-5360.	2.7	18
131	Effects of staurosporine and calphostin C, two structurally unrelated inhibitors of protein kinase C, on vascular tone. <i>Canadian Journal of Physiology and Pharmacology</i> , 1993, 71, 521-524.	0.7	17
132	Therapeutic concentrations of raloxifene augment nitric oxide-dependent coronary artery dilatation <i>in vitro</i> . <i>British Journal of Pharmacology</i> , 2007, 152, 223-229.	2.7	17
133	Obesity-linked diabetes in the Arab world: a review. <i>Eastern Mediterranean Health Journal</i> , 2015, 21, 420-439.	0.3	17
134	Nitric Oxide Bioavailability in Obstructive Sleep Apnea: Interplay of Asymmetric Dimethylarginine and Free Radicals. <i>Sleep Disorders</i> , 2015, 2015, 1-10.	0.8	16
135	Effects of Exercise Training on Anabolic and Catabolic Hormones with Advanced Age: A Systematic Review. <i>Sports Medicine</i> , 2022, 52, 1353-1368.	3.1	16
136	Coronary artery myogenic response in a genetic model of hypertrophic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H2244-H2249.	1.5	15
137	Exercise Mimetics: Running Without a Road Map. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 101, 188-190.	2.3	15
138	Effects of Combined Balance and Strength Training on Measures of Balance and Muscle Strength in Older Women With a History of Falls. <i>Frontiers in Physiology</i> , 2020, 11, 619016.	1.3	15
139	MOTS-c and Exercise Restore Cardiac Function by Activating of NRG1-ErbB Signaling in Diabetic Rats. <i>Frontiers in Endocrinology</i> , 2022, 13, 812032.	1.5	15
140	Insulin potentiates norepinephrine-induced vascular tone by activation of protein kinase C and tyrosine kinase. <i>Canadian Journal of Physiology and Pharmacology</i> , 1994, 72, 849-854.	0.7	14
141	Inhibition of myogenic tone by mibefradil in rat cerebral arteries. <i>European Journal of Pharmacology</i> , 1998, 358, 165-168.	1.7	14
142	Short-term exercise worsens cardiac oxidative stress and fibrosis in 8-month-old <i>db/db</i> mice by depleting cardiac glutathione. <i>Free Radical Research</i> , 2013, 47, 44-54.	1.5	14
143	Physical activity and adipokine levels in individuals with type 2 diabetes: A literature review and practical applications. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021, 22, 987-1011.	2.6	14
144	The relationship between the elevated blood pressure of the spontaneously hypertensive rat and the chemical sensitivity of smooth muscle to adrenergic agents. <i>Canadian Journal of Physiology and Pharmacology</i> , 1984, 62, 94-100.	0.7	13

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145	Weight and inflammation are the major determinants of vascular dysfunction in the aortae of db/db mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 483-492.	1.4	13
146	Notch-Dependent Regulation of the Ischemic Vasodilatory Responseâ€”Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 510-512.	1.1	13
147	Could Adjunctive Pharmacology Mitigate Cardiovascular Consequences of Obstructive Sleep Apnea?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 551-555.	2.5	13
148	Effect of exercise on augmented aortic vasoconstriction in the db/db mouse model of type-II diabetes. <i>Physiological Research</i> , 2008, 57, 847-856.	0.4	13
149	Role of $\hat{\pm}$ -adrenoceptors in vascular control. <i>Clinical Science</i> , 1985, 68, 83s-88s.	0.0	12
150	Cardiac transplantation and resistance artery myogenic tone. <i>Canadian Journal of Physiology and Pharmacology</i> , 2004, 82, 840-848.	0.7	12
151	Ramipril Improves Oxidative Stress-Related Vascular Endothelial Dysfunction in db/db Mice. <i>Journal of Physiological Sciences</i> , 2008, 58, 405-411.	0.9	12
152	The ischemic metabolite lysophosphatidylcholine increases rat coronary arterial tone by endothelium-dependent mechanisms. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 112-120.	0.9	12
153	Exercise improves bladder function in diabetic mice. <i>Neurourology and Urodynamics</i> , 2011, 30, 174-182.	0.8	12
154	The mitochondrial signaling peptide MOTS-c improves myocardial performance during exercise training in rats. <i>Scientific Reports</i> , 2021, 11, 20077.	1.6	12
155	Pharmacological studies of smooth muscle from Dahl salt-sensitive and salt-resistant rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 1984, 62, 101-104.	0.7	11
156	Calcium and Vascular Myogenic Tone. <i>Annals of the New York Academy of Sciences</i> , 1988, 522, 216-225.	1.8	11
157	Cyclosporine treatment preserves coronary resistance artery function in rat cardiac allografts. <i>Journal of Heart and Lung Transplantation</i> , 2004, 23, 193-203.	0.3	11
158	The antioxidant $\hat{\pm}$ -lipoic acid attenuates intermittent hypoxia-related renal injury in a mouse model of sleep apnea. <i>Sleep</i> , 2019, 42, .	0.6	11
159	Reduced colonic smooth muscle cholinergic responsiveness is associated with impaired bowel motility after chronic experimental high-level spinal cord injury. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 216, 33-38.	1.4	11
160	The Effects of Aerobic-Resistance Training and Broccoli Supplementation on Plasma Dectin-1 and Insulin Resistance in Males with Type 2 Diabetes. <i>Nutrients</i> , 2021, 13, 3144.	1.7	11
161	Platelets augment rabbit cerebral artery constriction by activating protein kinase C.. <i>Stroke</i> , 1991, 22, 1534-1540.	1.0	10
162	Oxidized Low-density Lipoprotein Inhibits Endothelium-dependent Vasodilation by an Antioxidant-sensitive, Lysophosphatidylcholine-independent Mechanism. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 41, 856-865.	0.8	10

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