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List of Publications by Year
in descending order

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81 papers	4,621 citations	81900 39 h-index	102487 66 g-index
82 all docs	82 docs citations	82 times ranked	6753 citing authors

#	Article	IF	Citations
1	The pathophysiology of hypertension in patients with obesity. Nature Reviews Endocrinology, 2014, 10, 364-376.	9.6	376
2	Endothelial cell senescence in aging-related vascular dysfunction. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1802-1809.	3.8	232
3	Sodium glucose transporter 2 (SGLT2) inhibition with empagliflozin improves cardiac diastolic function in a female rodent model of diabetes. Cardiovascular Diabetology, 2017, 16, 9.	6.8	205
4	Maladaptive immune and inflammatory pathways lead to cardiovascular insulin resistance. Metabolism: Clinical and Experimental, 2013, 62, 1543-1552.	3.4	182
5	MAP kinase signaling in diverse effects of ethanol. Life Sciences, 2004, 74, 2339-2364.	4.3	178
6	Insulin Resistance and Heart Failure. Heart Failure Clinics, 2012, 8, 609-617.	2.1	166
7	Uric Acid - Key Ingredient in the Recipe for Cardiorenal Metabolic Syndrome. CardioRenal Medicine, 2013, 3, 208-220.	1.9	164
8	The Role of Tissue Renin-Angiotensin-Aldosterone System in the Development of Endothelial Dysfunction and Arterial Stiffness. Frontiers in Endocrinology, 2013, 4, 161.	3.5	146
9	Endothelial Mineralocorticoid Receptor Mediates Diet-Induced Aortic Stiffness in Females. Circulation Research, 2016, 118, 935-943.	4.5	142
10	Low-Dose Mineralocorticoid Receptor Blockade Prevents Western Dietâ€“Induced Arterial Stiffening in Female Mice. Hypertension, 2015, 66, 99-107.	2.7	125
11	Uric Acid Promotes Left Ventricular Diastolic Dysfunction in Mice Fed a Western Diet. Hypertension, 2015, 65, 531-539.	2.7	114
12	Cellular mechanisms underlying obesity-induced arterial stiffness. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R387-R398.	1.8	112
13	Glycemic control by the SGLT2 inhibitor empagliflozin decreases aortic stiffness, renal resistivity index and kidney injury. Cardiovascular Diabetology, 2018, 17, 108.	6.8	112
14	Endothelial Mineralocorticoid Receptor Deletion Prevents Diet-Induced Cardiac Diastolic Dysfunction in Females. Hypertension, 2015, 66, 1159-1167.	2.7	111
15	Vascular stiffness in insulin resistance and obesity. Frontiers in Physiology, 2015, 6, 231.	2.8	100
16	Obesity and Insulin Resistance Induce Early Development of Diastolic Dysfunction in Young Female Mice Fed a Western Diet. Endocrinology, 2013, 154, 3632-3642.	2.8	99
17	Overnutrition, mTOR signaling, and cardiovascular diseases. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R1198-R1206.	1.8	96
18	Dipeptidylpeptidase Inhibition Is Associated with Improvement in Blood Pressure and Diastolic Function in Insulin-Resistant Male Zucker Obese Rats. Endocrinology, 2013, 154, 2501-2513.	2.8	86

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19	Dipeptidyl peptidase inhibition prevents diastolic dysfunction and reduces myocardial fibrosis in a Mouse model of Western diet induced obesity. Metabolism: Clinical and Experimental, 2014, 63, 1000-1011.	3.4	86
20	Mineralocorticoid Receptor Antagonism Treats Obesity-Associated Cardiac Diastolic Dysfunction. Hypertension, 2015, 65, 1082-1088.	2.7	84
21	Dipeptidyl Peptidase-4 Inhibition Ameliorates Western Dietâ€“Induced Hepatic Steatosis and Insulin Resistance Through Hepatic Lipid Remodeling and Modulation of Hepatic Mitochondrial Function. Diabetes, 2015, 64, 1988-2001.	0.6	69
22	Oxidative Stress and Obesity: The Chicken or the Egg?. Diabetes, 2014, 63, 2216-2218.	0.6	68
23	Empagliflozin reduces high glucose-induced oxidative stress and miR-21-dependent TRAF3IP2 induction and RECK suppression, and inhibits human renal proximal tubular epithelial cell migration and epithelial-to-mesenchymal transition. Cellular Signalling, 2020, 68, 109506.	3.6	68
24	Mineralocorticoid receptor blockade prevents Western diet-induced diastolic dysfunction in female mice. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1126-H1135.	3.2	64
25	DPP4 inhibition attenuates filtration barrier injury and oxidant stress in the zucker obese rat. Obesity, 2014, 22, 2172-2179.	3.0	62
26	Epithelial Sodium Channel in Aldosterone-Induced Endothelium Stiffness and Aortic Dysfunction. Hypertension, 2018, 72, 731-738.	2.7	61
27	Epigenetic effects of ethanol on liver and gastrointestinal injury. World Journal of Gastroenterology, 2006, 12, 5265.	3.3	60
28	Dipeptidyl peptidase-4 (DPP-4) inhibition with linagliptin reduces western diet-induced myocardial TRAF3IP2 expression, inflammation and fibrosis in female mice. Cardiovascular Diabetology, 2017, 16, 61.	6.8	58
29	The SGLT2 inhibitor Empagliflozin attenuates interleukin-17A-induced human aortic smooth muscle cell proliferation and migration by targeting TRAF3IP2/ROS/NLRP3/Caspase-1-dependent IL-1Î² and IL-18 secretion. Cellular Signalling, 2021, 77, 109825.	3.6	54
30	Empagliflozin Ameliorates Type 2 Diabetes-Induced Ultrastructural Remodeling of the Neurovascular Unit and Neuroglia in the Female db/db Mouse. Brain Sciences, 2019, 9, 57.	2.3	53
31	Differential Changes in MAP Kinases, Histone Modifications, and Liver Injury in Rats Acutely Treated With Ethanol. Alcoholism: Clinical and Experimental Research, 2010, 34, 1543-1551.	2.4	52
32	Mitochondria and Oxidative Stress in the Cardiorenal Metabolic Syndrome. CardioRenal Medicine, 2012, 2, 87-109.	1.9	52
33	Arterial Stiffness: A Nexus between Cardiac and Renal Disease. CardioRenal Medicine, 2014, 4, 60-71.	1.9	50
34	Uric acid promotes vascular stiffness, maladaptive inflammatory responses and proteinuria in western diet fed mice. Metabolism: Clinical and Experimental, 2017, 74, 32-40.	3.4	49
35	The role of mineralocorticoid receptor signaling in the cross-talk between adipose tissue and the vascular wall. Cardiovascular Research, 2017, 113, 1055-1063.	3.8	47
36	Prevention of Obesity-Induced Renal Injury in Male Mice by DPP4 Inhibition. Endocrinology, 2014, 155, 2266-2276.	2.8	46

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37	Fructose and Uric Acid: Is There a Role in Endothelial Function?. Current Hypertension Reports, 2014, 16, 434.	3.5	45
38	The combination of a neprilysin inhibitor (sacubitril) and angiotensin-II receptor blocker (valsartan) attenuates glomerular and tubular injury in the Zucker Obese rat. Cardiovascular Diabetology, 2019, 18, 40.	6.8	45
39	Elevated Activation of ERK1 and ERK2 Accompany Enhanced Liver Injury Following Alcohol Binge in Chronically Ethanolâ€Fed Rats. Alcoholism: Clinical and Experimental Research, 2011, 35, 2128-2138.	2.4	41
40	Diet-Induced Obesity Promotes Kidney Endothelial Stiffening and Fibrosis Dependent on the Endothelial Mineralocorticoid Receptor. Hypertension, 2019, 73, 849-858.	2.7	41
41	Epithelial sodium channels in endothelial cells mediate diet-induced endothelium stiffness and impaired vascular relaxation in obese female mice. Metabolism: Clinical and Experimental, 2019, 99, 57-66.	3.4	40
42	Amiloride Improves Endothelial Function and Reduces Vascular Stiffness in Female Mice Fed a Western Diet. Frontiers in Physiology, 2017, 8, 456.	2.8	37
43	Dipeptidyl peptidase-4 inhibition with linagliptin prevents western diet-induced vascular abnormalities in female mice. Cardiovascular Diabetology, 2016, 15, 94.	6.8	36
44	Enhanced endothelium epithelial sodium channel signaling prompts left ventricular diastolic dysfunction in obese female mice. Metabolism: Clinical and Experimental, 2018, 78, 69-79.	3.4	35
45	Deficiency of IL12p40 (Interleukin 12 p40) Promotes Ang II (Angiotensin II)â€“Induced Abdominal Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 212-223.	2.4	34
46	Daily exercise prevents diastolic dysfunction and oxidative stress in a female mouse model of western diet induced obesity by maintaining cardiac heme oxygenase-1 levels. Metabolism: Clinical and Experimental, 2017, 66, 14-22.	3.4	32
47	Histone H3 Phosphorylation (Ser10, Ser28) and Phosphoacetylation (K9S10) Are Differentially Associated with Gene Expression in Liver of Rats Treated In Vivo with Acute Ethanol. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 237-247.	2.5	30
48	Angiotensin II Stimulation of DPP4 Activity Regulates Megalin in the Proximal Tubules. International Journal of Molecular Sciences, 2016, 17, 780.	4.1	29
49	A proteomic analysis of liver after ethanol binge in chronically ethanol treated rats. Proteome Science, 2012, 10, 29.	1.7	26
50	Xanthine oxidase inhibition protects against Western diet-induced aortic stiffness and impaired vasorelaxation in female mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 313, R67-R77.	1.8	23
51	The role of dipeptidylpeptidase-4 inhibitors in management of cardiovascular disease in diabetes; focus on linagliptin. Cardiovascular Diabetology, 2018, 17, 59.	6.8	23
52	Sexual Dimorphism in Obesity-Associated Endothelial ENaC Activity and Stiffening in Mice. Endocrinology, 2019, 160, 2918-2928.	2.8	22
53	Ultrastructural Remodeling of the Neurovascular Unit in the Female Diabetic db/db Modelâ€“Part II: Microglia and Mitochondria. Neuroglia (Basel, Switzerland), 2018, 1, 311-326.	0.9	21
54	In Vivo Acute on Chronic Ethanol Effects in Liver: A Mouse Model Exhibiting Exacerbated Injury, Altered Metabolic and Epigenetic Responses. Biomolecules, 2015, 5, 3280-3294.	4.0	18

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55	Ultrastructural Remodeling of the Neurovascular Unit in the Female Diabetic db/db Modelâ€"Part I: Astrocyte. Neuroglia (Basel, Switzerland), 2018, 1, 220-244.	0.9	18
56	Sacubitril/valsartan inhibits obesity-associated diastolic dysfunction through suppression of ventricular-vascular stiffness. Cardiovascular Diabetology, 2021, 20, 80.	6.8	18
57	Dysregulated phosphorylation and nuclear translocation of cyclic AMP response element binding protein (CREB) in rat liver after chronic ethanol binge. European Journal of Pharmacology, 2012, 679, 101-108.	3.5	16
58	Epigenetic histone modifications in a clinically relevant rat model of chronic ethanol-binge-mediated liver injury. Hepatology International, 2014, 8, 421-430.	4.2	16
59	Potential Role of Antihypertensive Medications in Preventing Excessive Arterial Stiffening. Current Hypertension Reports, 2018, 20, 76.	3.5	15
60	PHOSPHATIDYLETHANOL MIMICS ETHANOL MODULATION OF p42/44 MITOGEN-ACTIVATED PROTEIN KINASE SIGNALLING IN HEPATOCYTES. Alcohol and Alcoholism, 2002, 37, 534-539.	1.6	13
61	Endothelial sodium channel activation promotes cardiac stiffness and diastolic dysfunction in Western diet fed female mice. Metabolism: Clinical and Experimental, 2020, 109, 154223.	3.4	13
62	Tissue-Specific Expression of GLP1R in Mice: Is the Problem of Antibody Nonspecificity Solved?. Diabetes, 2014, 63, 1182-1184.	0.6	12
63	Glucagon-Like Peptide 1 Receptor Activation and Platelet Function: Beyond Glycemic Control. Diabetes, 2016, 65, 1487-1489.	0.6	12
64	Absence of Endothelial ERÎ± Results in Arterial Remodeling and Decreased Stiffness in Western Dietâ€"Fed Male Mice. Endocrinology, 2017, 158, 1875-1885.	2.8	10
65	Ultrastructural Remodeling of the Neurovascular Unit in the Female Diabetic db/db Modelâ€"Part III: Oligodendrocyte and Myelin. Neuroglia (Basel, Switzerland), 2018, 1, 351-367.	0.9	8
66	Chronic Elevation of Endothelin-1 Alone May Not Be Sufficient to Impair Endothelium-Dependent Relaxation. Hypertension, 2019, 74, 1409-1419.	2.7	8
67	DPP4 inhibition mitigates ANG II-mediated kidney immune activation and injury in male mice. American Journal of Physiology - Renal Physiology, 2021, 320, F505-F517.	2.7	7
68	Binge ethanol intake in chronically exposed rat liver decreases LDL-receptor and increases angiotensinogen gene expression. World Journal of Hepatology, 2011, 3, 250.	2.0	7
69	Cystamine reduces vascular stiffness in Western diet-fed female mice. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H167-H180.	3.2	7
70	Endothelial sodium channel activation mediates DOCA-salt-induced endothelial cell and arterial stiffening. Metabolism: Clinical and Experimental, 2022, 130, 155165.	3.4	7
71	Activation of MEK 1/2 and p42/44 MAPK by angiotensin II in hepatocyte nucleus and their potentiation by ethanol. Alcohol, 2009, 43, 315-322.	1.7	6
72	Utility of obesity and metabolic dyslipidemia (a nonâ€insulin based determinate of the metabolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2019, 21, 1071-1074.	2.0	6

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73	Binge Alcohol Is More Injurious to Liver in Female than in Male Rats: Histopathological, Pharmacologic, and Epigenetic Profiles. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 390-398.	2.5	6
74	Mineralocorticoid Receptor in Myeloid Cells Mediates Angiotensin II-Induced Vascular Dysfunction in Female Mice. Frontiers in Physiology, 2021, 12, 588358.	2.8	4
75	Renal resistive index as a novel biomarker for cardiovascular and kidney risk reduction in type II diabetes. Journal of Clinical Hypertension, 2020, 22, 231-233.	2.0	3
76	Overview of Autophagy and Cardiometabolic Syndrome. , 2018, , 3-17.		1
77	Activation of ERK1/2 MAP kinase in rat liver in vivo after binge and chronicâ€binge ethanol intake may augment liver injury. FASEB Journal, 2009, 23, 760.3.	0.5	1
78	Endotheliumâ€dependent vasorelaxation and blood pressure are preserved in mice with chronic hyperendothelinemia. FASEB Journal, 2018, 32, lb327.	0.5	0
79	Regular exercise reduces adipose tissue inflammation and improves glycemic control in Western dietâ€fed mice despite hyperendothelinemia. FASEB Journal, 2018, 32, lb570.	0.5	0
80	Estrogen receptor alpha mediated activation of the endothelial epithelial sodium channel: role in the genesis of arterial stiffness. FASEB Journal, 2018, 32, 846.7.	0.5	0
81	SAT-LB011 Role of Endothelium Epithelial Sodium Channel in Arterial Stiffness. Journal of the Endocrine Society, 2019, 3, .	0.2	0