

Daoyan Liu

List of Publications by Year in descending order

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38
papers

1,280
citations

331670

21
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361022

35
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all docs

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docs citations

38
times ranked

1781
citing authors

#	ARTICLE	IF	CITATIONS
1	Taurine Supplementation Lowers Blood Pressure and Improves Vascular Function in Prehypertension. <i>Hypertension</i> , 2016, 67, 541-549.	2.7	142
2	Increased Transient Receptor Potential Canonical Type 3 Channels in Vasculature From Hypertensive Rats. <i>Hypertension</i> , 2009, 53, 70-76.	2.7	108
3	Inhibition of Mitochondrial Calcium Overload by SIRT3 Prevents Obesity- or Age-Related Whitening of Brown Adipose Tissue. <i>Diabetes</i> , 2020, 69, 165-180.	0.6	77
4	Sodium Intake Regulates Glucose Homeostasis through the PPAR α /Adiponectin-Mediated SGLT2 Pathway. <i>Cell Metabolism</i> , 2016, 23, 699-711.	16.2	76
5	Enjoyment of Spicy Flavor Enhances Central Salty-Taste Perception and Reduces Salt Intake and Blood Pressure. <i>Hypertension</i> , 2017, 70, 1291-1299.	2.7	68
6	Ameliorating Endothelial Mitochondrial Dysfunction Restores Coronary Function via Transient Receptor Potential Vanilloid 1-Mediated Protein Kinase A/Uncoupling Protein 2 Pathway. <i>Hypertension</i> , 2016, 67, 451-460.	2.7	61
7	Activation of TRPV1 attenuates high salt-induced cardiac hypertrophy through improvement of mitochondrial function. <i>British Journal of Pharmacology</i> , 2015, 172, 5548-5558.	5.4	58
8	TRPV1 Activation Attenuates High-Salt Diet-Induced Cardiac Hypertrophy and Fibrosis through PPAR α Upregulation. <i>PPAR Research</i> , 2014, 2014, 1-12.	2.4	55
9	Activation of TRPV1 channel antagonizes diabetic nephropathy through inhibiting endoplasmic reticulum-mitochondria contact in podocytes. <i>Metabolism: Clinical and Experimental</i> , 2020, 105, 154182.	3.4	53
10	Mitochondrial respiratory dysfunctions of blood mononuclear cells link with cardiac disturbance in patients with early-stage heart failure. <i>Scientific Reports</i> , 2015, 5, 10229.	3.3	46
11	The Role of Transient Receptor Potential Channels in Metabolic Syndrome. <i>Hypertension Research</i> , 2008, 31, 1989-1995.	2.7	45
12	Transient Receptor Potential Vanilloid 1 Activation by Dietary Capsaicin Promotes Urinary Sodium Excretion by Inhibiting Epithelial Sodium Channel β Subunit-Mediated Sodium Reabsorption. <i>Hypertension</i> , 2014, 64, 397-404.	2.7	42
13	Salt-Induced Hepatic Inflammatory Memory Contributes to Cardiovascular Damage Through Epigenetic Modulation of SIRT3. <i>Circulation</i> , 2022, 145, 375-391.	1.6	38
14	Activation of TRPV4 by dietary apigenin antagonizes renal fibrosis in deoxycorticosterone acetate (DOCA)-salt-induced hypertension. <i>Clinical Science</i> , 2017, 131, 567-581.	4.3	36
15	Enhanced Mitochondrial Transient Receptor Potential Channel, Canonical Type 3-Mediated Calcium Handling in the Vasculature From Hypertensive Rats. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	32
16	Activation of Transient Receptor Potential Melastatin Subtype 8 Attenuates Cold-Induced Hypertension Through Ameliorating Vascular Mitochondrial Dysfunction. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	31
17	Caffeine intake antagonizes salt sensitive hypertension through improvement of renal sodium handling. <i>Scientific Reports</i> , 2016, 6, 25746.	3.3	30
18	Increased Migration of Monocytes in Essential Hypertension Is Associated with Increased Transient Receptor Potential Channel Canonical Type 3 Channels. <i>PLoS ONE</i> , 2012, 7, e32628.	2.5	27

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19	Gastrointestinal Intervention Ameliorates High Blood Pressure Through Antagonizing Overdrive of the Sympathetic Nerve in Hypertensive Patients and Rats. <i>Journal of the American Heart Association</i> , 2014, 3, e000929.	3.7	27
20	Deficiency of PKD2L1 (TRPP3) Exacerbates Pathological Cardiac Hypertrophy by Augmenting NCX1-Mediated Mitochondrial Calcium Overload. <i>Cell Reports</i> , 2018, 24, 1639-1652.	6.4	27
21	TRPC3 deficiency attenuates high salt-induced cardiac hypertrophy by alleviating cardiac mitochondrial dysfunction. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 674-681.	2.1	22
22	Caloric Restriction Exacerbates Angiotensin II-Induced Abdominal Aortic Aneurysm in the Absence of p53. <i>Hypertension</i> , 2019, 73, 547-560.	2.7	19
23	Enhancement of Neural Salty Preference in Obesity. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 1987-2000.	1.6	18
24	Activation of Transient Receptor Potential Channel Vanilloid 4 by DPP-4 (Dipeptidyl Peptidase-4) Inhibitor Vildagliptin Protects Against Diabetic Endothelial Dysfunction. <i>Hypertension</i> , 2020, 75, 150-162.	2.7	18
25	Impairment of Bitter Taste Sensor Transient Receptor Potential Channel M5-Mediated Aversion Aggravates High-Salt Intake and Hypertension. <i>Hypertension</i> , 2019, 74, 1021-1032.	2.7	14
26	Low-glucose-sensitive TRPC6 dysfunction drives hypoglycemia-induced cognitive impairment in diabetes. <i>Clinical and Translational Medicine</i> , 2020, 10, e205.	4.0	14
27	Imbalance and dysfunction of transient receptor potential channels contribute to the pathogenesis of hypertension. <i>Science China Life Sciences</i> , 2014, 57, 818-825.	4.9	12
28	Reducing NADPH Synthesis Counteracts Diabetic Nephropathy through Restoration of AMPK Activity in Type 1 Diabetic Rats. <i>Cell Reports</i> , 2020, 32, 108207.	6.4	12
29	Recurrent moderate hypoglycemia accelerates the progression of Alzheimer's disease through impairment of the TRPC6/GLUT3 pathway. <i>JCI Insight</i> , 2022, 7, .	5.0	12
30	Stimulation of Intestinal Cl- Secretion Through CFTR by Caffeine Intake in Salt-Sensitive Hypertensive Rats. <i>Kidney and Blood Pressure Research</i> , 2018, 43, 439-448.	2.0	11
31	High-salt intake increases TRPC3 expression and enhances TRPC3-mediated calcium influx and systolic blood pressure in hypertensive patients. <i>Hypertension Research</i> , 2020, 43, 679-687.	2.7	10
32	Activation of the bitter taste sensor TRPM5 prevents high salt-induced cardiovascular dysfunction. <i>Science China Life Sciences</i> , 2020, 63, 1665-1677.	4.9	10
33	Non-insulin determinant pathways maintain glucose homeostasis upon metabolic surgery. <i>Cell Discovery</i> , 2018, 4, 58.	6.7	8
34	Gastrointestinal Tract: a Promising Target for the Management of Hypertension. <i>Current Hypertension Reports</i> , 2017, 19, 31.	3.5	7
35	Transient Receptor Potential Vanilloid Type-1 Channel in Cardiometabolic Protection. <i>Journal of the Korean Society of Hypertension</i> , 2011, 17, 37.	0.2	6
36	Water extract of <i>Cayratia albifolia</i> C.L.Li root relieves zymosan A-induced inflammation by restraining M1 macrophage polarization. <i>Phytomedicine</i> , 2022, 96, 153901.	5.3	4

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37	Transient Receptor Potential Channel Canonical Type 3 Deficiency Antagonizes Myofibroblast Transdifferentiation In Vivo. <i>BioMed Research International</i> , 2020, 2020, 1-12.	1.9	3
38	TRPC5 deletion in the central amygdala antagonizes high-fat diet-induced obesity by increasing sympathetic innervation. <i>International Journal of Obesity</i> , 2022, 46, 1544-1555.	3.4	1