Richard D Wainford

List of Publications by Year
in descending order

76	3,743	471509 17	206112 48
papers	citations	h-index	g-index

77	77	77	4261
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	2020 International Society of Hypertension Global Hypertension Practice Guidelines. Hypertension, 2020, 75, 1334-1357.	2.7	1,895
2	2020 International Society of Hypertension global hypertension practice guidelines. Journal of Hypertension, 2020, 38, 982-1004.	0.5	452
3	May Measurement Month 2017: an analysis of blood pressure screening results worldwide. The Lancet Global Health, 2018, 6, e736-e743.	6.3	245
4	May Measurement Month 2018: a pragmatic global screening campaign to raise awareness of blood pressure by the International Society of Hypertension. European Heart Journal, 2019, 40, 2006-2017.	2.2	193
5	May Measurement Month 2019. Hypertension, 2020, 76, 333-341.	2.7	157
6	A novel method of selective ablation of afferent renal nerves by periaxonal application of capsaicin. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R112-R122.	1.8	85
7	In vitro and in vivo studies on UFP-112, a novel potent and long lasting agonist selective for the nociceptin/orphanin FQ receptor. Peptides, 2007, 28, 1240-1251.	2.4	72
8	Hypothalamic Signaling Mechanisms in Hypertension. Current Hypertension Reports, 2015, 17, 39.	3.5	59
9	Angiotensin II Reduces Food Intake by Altering Orexigenic Neuropeptide Expression in the Mouse Hypothalamus. Endocrinology, 2012, 153, 1411-1420.	2.8	56
10	Cisplatin nephrotoxicity is mediated by gamma glutamyltranspeptidase, not via a C-S lyase governed biotransformation pathway. Toxicology, 2008, 249, 184-193.	4.2	47
11	Hypotensive and sympathoinhibitory responses to selective central AT2 receptor stimulation in spontaneously hypertensive rats. Clinical Science, 2015, 129, 81-92.	4.3	33
12	GÎ±i ₂ -Proteinâ€“Mediated Signal Transduction. Hypertension, 2015, 65, 178-186.	2.7	33
13	Central Nervous System GÎ±i ₂ -Subunit Proteins Maintain Salt Resistance via a Renal Nerveâ€“Dependent Sympathoinhibitory Pathway. Hypertension, 2013, 61, 368-375.	2.7	26
14	Hypothalamic Paraventricular Nucleus GÎ±q Subunit Protein Pathways Mediate Vasopressin Dysregulation and Fluid Retention in Salt-Sensitive Rats. Endocrinology, 2010, 151, 5403-5414.	2.8	25
15	Brain heterotrimeric GÎ±i ₂ â€subunit proteinâ€gated pathways mediate central sympathoinhibition to maintain fluid and electrolyte homeostasis during stress. FASEB Journal, 2012, 26, 2776-2787.	0.5	24
16	Renal Afferents. Current Hypertension Reports, 2016, 18, 69.	3.5	23
17	2022 World Hypertension League, Resolve To Save Lives and International Society of Hypertension dietary sodium (salt) global call to action. Journal of Human Hypertension, 2023, 37, 428-437.	2.2	22
18	Renal sodium handling and sodium sensitivity. Kidney Research and Clinical Practice, 2017, 36, 117-131.	2.2	20

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19	Functional selectivity of central GÎ±â€subunit proteins in mediating the cardiovascular and renal excretory responses evoked by central Î±₂â€adrenoceptor activation in vivo. British Journal of Pharmacology, 2012, 166, 210-220.	5.4	19
20	Norepinephrine-evoked salt-sensitive hypertension requires impaired renal sodium chloride cotransporter activity in Sprague-Dawley rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R115-R124.	1.8	19
21	Chronic high-NaCl intake prolongs the cardiorenal responses to central N/OFQ and produces regional changes in the endogenous brain NOP receptor system. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R280-R288.	1.8	18
22	Sympathetic Regulation of the NCC (Sodium Chloride Cotransporter) in Dahl Saltâ€“Sensitive Hypertension. Hypertension, 2020, 76, 1461-1469.	2.7	18
23	Mechanisms of altered renal sodium handling in age-related hypertension. American Journal of Physiology - Renal Physiology, 2018, 315, F1-F6.	2.7	17
24	Sympathetic regulation of NCC in norepinephrine-evoked salt-sensitive hypertension in Sprague-Dawley rats. American Journal of Physiology - Renal Physiology, 2019, 317, F1623-F1636.	2.7	16
25	Inhibition of microglial activation in rats attenuates paraventricular nucleus inflammation in GÎ±i₂ proteinâ€dependent, saltâ€sensitive hypertension. Experimental Physiology, 2019, 104, 1892-1910.	2.0	16
26	Brain GÎ±i2-subunit protein-gated pathways are required to mediate the centrally evoked sympathoinhibitory mechanisms activated to maintain sodium homeostasis. Journal of Hypertension, 2013, 31, 747-757.	0.5	14
27	Impaired sodiumâ€evoked paraventricular nucleus neuronal activation and blood pressure regulation in conscious Sprague–Dawley rats lacking central G Î± i ₂ proteins. Acta Physiologica, 2016, 216, 314-329.	3.8	13
28	GNAI2 polymorphic variance associates with salt sensitivity of blood pressure in the Genetic Epidemiology Network of Salt Sensitivity study. Physiological Genomics, 2018, 50, 724-725.	2.3	13
29	May Measurement Month 2017: Results of 39 national blood pressure screening programmes. European Heart Journal Supplements, 2019, 21, D1-D4.	0.1	13
30	The immediate early genes, c-fos, c-jun and AP-1, are early markers of platinum analogue toxicity in human proximal tubular cell primary cultures. Toxicology in Vitro, 2009, 23, 780-788.	2.4	12
31	Role of the afferent renal nerves in sodium homeostasis and blood pressure regulation in rats. Experimental Physiology, 2019, 104, 1306-1323.	2.0	12
32	Prospective meta-analysis protocol on randomised trials of reninâ€“angiotensin system inhibitors in patients with COVID-19: an initiative of the International Society of Hypertension. BMJ Open, 2021, 11, e043625.	1.9	11
33	Central G-alpha subunit protein-mediated control of cardiovascular function, urine output, and vasopressin secretion in conscious Sprague-Dawley rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R535-R542.	1.8	9
34	Hypothalamic Paraventricular Nucleus GÎ±i ₂ (Guanine Nucleotideâ€“Binding Protein Alpha) Tj ETQq0 0 0 rgBT /Overlock 10 Sensitivity of Blood Pressure. Hypertension, 2020, 75, 1002-1011.	2.7	9
35	Association of urinary sodium and potassium excretion with systolic blood pressure in the Dietary Approaches to Stop Hypertension Sodium Trial. Journal of Human Hypertension, 2021, 35, 577-587.	2.2	8
36	Biomechanical Properties of Mouse Carotid Arteries With Diet-Induced Metabolic Syndrome and Aging. Frontiers in Bioengineering and Biotechnology, 2022, 10, 862996.	4.1	7

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37	May Measurement Month 2018: results of blood pressure screening from 41 countries. European Heart Journal Supplements, 2020, 22, H1-H4.	0.1	5
38	Metabolism of cisplatin to a Nephrotoxin [Toxicology, 257(3), 174â€“175, doi 10.1016/j.tox.2008.12.014]. Toxicology, 2009, 257, 176-177.	4.2	4
39	An exploratory analysis of comparative plasma metabolomic and lipidomic profiling in salt-sensitive and salt-resistant individuals from The Dietary Approaches to Stop Hypertension Sodium Trial. Journal of Hypertension, 2021, 39, 1972-1981.	0.5	4
40	Brain GÎ±i2-subunit proteins and the prevention of salt sensitive hypertension. Frontiers in Physiology, 2015, 6, 233.	2.8	3
41	Moving the Needle on Hypertension. Nutrition Today, 2019, 54, 248-256.	1.0	3
42	Neuroanatomical characterization of GÎ±i₂-expressing neurons in the hypothalamic paraventricular nucleus of male and female Sprague-Dawley rats. Physiological Genomics, 2021, 53, 12-21.	2.3	3
43	Angiotensin AT2 receptors and the baroreflex control of renal sympathetic nerve activity. Acta Physiologica, 2014, 210, 714-716.	3.8	1
44	Presympathetic neuron dysfunction â€“ time to reconsider increased intrinsic activity as the cause of neurogenic hypertension. Experimental Physiology, 2014, 99, 935-936.	2.0	1
45	Across the globe in 4 months. Journal of Hypertension, 2015, 33, 891-893.	0.5	1
46	OS 11-01 Afferent renal nerve modulation of sodium homeostasis and blood pressure. Journal of Hypertension, 2016, 34, e74.	0.5	1
47	How to Reduce Dietary Salt Intake. Hypertension, 2017, 70, 1087-1088.	2.7	1
48	The relationship of age and hypertension with cognition and gray matter cerebral blood volume in a rhesus monkey model of human aging.. Behavioral Neuroscience, 2021, 135, 680-692.	1.2	1
49	Adrenergic regulation of the NCC in the development and maintenance of Dahl Saltâ€Sensitive Hypertension occurs via a WNK/SPAK/OxSR1 pathway. FASEB Journal, 2020, 34, 1-1.	0.5	1
50	Highlights from the International Society of Hypertension's New Investigators Network during 2019. Journal of Hypertension, 2020, 38, 968-973.	0.5	1
51	Sensory Afferent Renal Nerve Activated GÎ±i2 Subunit Proteins Mediate the Natriuretic, Sympathoinhibitory and Normotensive Responses to Peripheral Sodium Challenges. Frontiers in Physiology, 2021, 12, 771167.	2.8	1
52	Central GÎ±i2 Protein Mediated Neuro-Hormonal Control of Blood Pressure and Salt Sensitivity. Frontiers in Endocrinology, 0, 13, .	3.5	1
53	Impact of Global Versus Renal-Specific Sympathoinhibition in Aldosterone-Induced Hypertension. Hypertension, 2015, 65, 1160-1162.	2.7	0
54	OS 29-04 SYMPATHETIC NERVOUS SYSTEM REGULATION OF THE RENAL NCC AND BLOOD PRESSURE DURING HIGH DIETARY SALT INTAKE. Journal of Hypertension, 2016, 34, e253-e254.	0.5	0

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55	ED 09-1 RENAL SODIUM HANDLING AND SALT SENSITIVITY. Journal of Hypertension, 2016, 34, e537.	0.5	0
56	Abstract P189: AT ₁ R-Dependent Blood-Brain Barrier Disruption Precedes Neuroinflammation In Age-Dependent Hypertension. Hypertension, 2021, 78, .	2.7	0
57	Abstract P281: Vascular Remodeling And Impaired Vascular Smooth Muscle Cell Plasticity In Age And Sex-dependent Hypertension. Hypertension, 2021, 78, .	2.7	0
58	Central GÎ±i and GÎ±o protein inhibition by pertussis toxin (PTX) blocks the cardiovascular depressor but not diuretic response to central Nociceptin/Orphanin FQ (N/OFQ) administration in conscious Sprague€Dawley rats. FASEB Journal, 2007, 21, .	0.5	0
59	Chronic high NaCl intake alters the cardiovascular and renal responses to central administration of the opioidâ€like peptide, nociceptin/Orphanin FQ (N/OFQ), in conscious rats: relationship to brain N/OFQ peptide (NOP) receptor expression and Gâ€protein coupling. FASEB Journal, 2007, 21, A513.	0.5	0
60	Peripheral vs central administration of NaCl differently modulates vasopressin secretion through the regulation of PVN GÎ±q subâ€unit proteins. FASEB Journal, 2010, 24, 1025.14.	0.5	0
61	Brain GÎ±z/GÎ±q subunit proteinâ€gated pathways participate in regulating AVP secretion and urine output during conditions in which water homeostasis is challenged. FASEB Journal, 2011, 25, 1079.13.	0.5	0
62	Impaired renal NCC function and expression: a mechanism driving norepinephrine evoked saltâ€sensitive hypertension? (857.6). FASEB Journal, 2014, 28, 857.6.	0.5	0
63	Impaired PVN neuronal activity in response to acute sodium challenge drives persistent elevations in MAP in conscious rats lacking CNS GÎ±i2 proteins (686.6). FASEB Journal, 2014, 28, 686.6.	0.5	0
64	Impaired Regulation of the Renal Sodium Chloride Cotransporter (NCC) in Animal Models of Saltâ€Sensitive Hypertension. FASEB Journal, 2015, 29, 811.2.	0.5	0
65	The renal afferent nerves: A role in countering saltâ€sensitive hypertension?. FASEB Journal, 2015, 29, 811.28.	0.5	0
66	A Sympathetically Mediated Î±1â€Adrenoceptor Dependent Pathway Promotes Renal Sodium Chloride Cotransporter Activity in Ageâ€Related Hypertension. FASEB Journal, 2018, 32, 621.8.	0.5	0
67	GNAI2 Polymorphic Variance Associates with the Saltâ€Sensitivity of Blood Pressure. FASEB Journal, 2018, 32, 754.3.	0.5	0
68	A selective impairment in the mechanosensitive afferent renal nerveâ€mediated sympathoinhibitory renoâ€renal reflex contributes to ageâ€related hypertension. FASEB Journal, 2019, 33, 569.16.	0.5	0
69	Inhibition of Microgliosis with Minocycline Attenuates Central Inflammation Driving GÎ±i2 Protein Dependent Sympathetically Mediated Salt Sensitive Hypertension. FASEB Journal, 2019, 33, 850.1.	0.5	0
70	Microglialâ€Mediated PVN Inflammation Precedes Sympathoexcitation but not Hypertension in the Development of GÎ±i₂ Proteinâ€Dependent Salt Sensitive Hypertension. FASEB Journal, 2020, 34, 1-1.	0.5	0
71	Anatomical Characterization Of GÎ±i 2 Expressing Hypothalamic Paraventricular Nucleus Neurons. FASEB Journal, 2020, 34, 1-1.	0.5	0
72	Neuroinflammation and Ageâ€Dependent Saltâ€Sensitive Hypertension. FASEB Journal, 2020, 34, 1-1.	0.5	0

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73	Impaired NCC Activity and Regulation on Dietary High Dietary Salt Intake in Aged Sprague Dawley Rats Is Associated with Increased Salt Sensitivity of Blood Pressure. FASEB Journal, 2020, 34, 1-1.	0.5	0
74	Abstract MP05: Pvn-specific Microgliosis And Inflammation Precedes Sympathoexcitation In gÎ±I ₂ Protein-dependent, Salt-sensitive Hypertension. Hypertension, 2020, 76, .	2.7	0
75	Natriuresis During an Acute Intravenous Sodium Chloride Infusion in Conscious Sprague Dawley Rats Is Mediated by a Blood Pressure-Independent Î±1-Adrenoceptor-Mediated Mechanism. Frontiers in Physiology, 2021, 12, 784957.	2.8	0
76	Angiotensin II Type 1 Receptorâ€Mediated Hypothalamic Paraventricular Nucleus Neuroinflammation And Blood Brain Barrier Disruption Contribute To Ageâ€Dependent Hypertension In Male, But Not Female, Sprague Dawley Rats. FASEB Journal, 2022, 36, .	0.5	0