Dominik N. MÃ¼ller

List of Publications by Year
in descending order

212 papers	21,164 citations	11608 70 h-index	10424 139 g-index
218 all docs	218 docs citations	218 times ranked	21923 citing authors

#	Article	IF	Citations
1	Sodium chloride drives autoimmune disease by the induction of pathogenic TH17 cells. Nature, 2013, 496, 518-522.	13.7	1,136
2	Microglia emerge from erythromyeloid precursors via Pu.1- and Irf8-dependent pathways. Nature Neuroscience, 2013, 16, 273-280.	7.1	1,121
3	Salt-responsive gut commensal modulates TH17 axis and disease. Nature, 2017, 551, 585-589.	13.7	896
4	Macrophages regulate salt-dependent volume and blood pressure by a vascular endothelial growth factor-Câ€“dependent buffering mechanism. Nature Medicine, 2009, 15, 545-552.	15.2	835
5	Angiotensin II Type 1â€“Receptor Activating Antibodies in Renal-Allograft Rejection. New England Journal of Medicine, 2005, 352, 558-569.	13.9	760
6	Dietary Fatty Acids Directly Impact Central Nervous System Autoimmunity via the Small Intestine. Immunity, 2015, 43, 817-829.	6.6	637
7	Short-Chain Fatty Acid Propionate Protects From Hypertensive Cardiovascular Damage. Circulation, 2019, 139, 1407-1421.	1.6	452
8	NF-Î²B Inhibition Ameliorates Angiotensin IIâ€“Induced Inflammatory Damage in Rats. Hypertension, 2000, 35, 193-201.	1.3	374
9	Propionic Acid Shapes the Multiple Sclerosis Disease Course by an Immunomodulatory Mechanism. Cell, 2020, 180, 1067-1080.e16.	13.5	367
10	Role of â€œWestern Dietâ€•in Inflammatory Autoimmune Diseases. Current Allergy and Asthma Reports, 2014, 14, 404.	2.4	341
11	Immune cells control skin lymphatic electrolyte homeostasis and blood pressure. Journal of Clinical Investigation, 2013, 123, 2803-2815.	3.9	338
12	²³ Na Magnetic Resonance Imaging-Determined Tissue Sodium in Healthy Subjects and Hypertensive Patients. Hypertension, 2013, 61, 635-640.	1.3	332
13	Arachidonic Acid-metabolizing Cytochrome P450 Enzymes Are Targets of Ï‰-3 Fatty Acids*. Journal of Biological Chemistry, 2010, 285, 32720-32733.	1.6	316
14	AT 1 Receptor Agonistic Antibodies From Preeclamptic Patients Stimulate NADPH Oxidase. Circulation, 2003, 107, 1632-1639.	1.6	305
15	Long-Term Space Flight Simulation Reveals Infradian Rhythmicity in Human Na+ Balance. Cell Metabolism, 2013, 17, 125-131.	7.2	294
16	Regulatory T Cells Ameliorate Angiotensin IIâ€“Induced Cardiac Damage. Circulation, 2009, 119, 2904-2912.	1.6	285
17	Effects of Aliskiren on Blood Pressure, Albuminuria, and (Pro)Renin Receptor Expression in Diabetic TG(mRen-2)27 Rats. Hypertension, 2008, 52, 130-136.	1.3	271
18	Involvement of functional autoantibodies against vascular receptors in systemic sclerosis. Annals of the Rheumatic Diseases, 2011, 70, 530-536.	0.5	254

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19	Cutaneous Na+ Storage Strengthens the Antimicrobial Barrier Function of the Skin and Boosts Macrophage-Driven Host Defense. Cell Metabolism, 2015, 21, 493-501.	7.2	252
20	Immunosuppressive Treatment Protects Against Angiotensin II-Induced Renal Damage. American Journal of Pathology, 2002, 161, 1679-1693.	1.9	250
21	Dysregulation of the Circulating and Tissue-Based Renin-Angiotensin System in Preeclampsia. Hypertension, 2007, 49, 604-611.	1.3	235
22	Tissue renin-angiotensin systems: new insights from experimental animal models in hypertension research. Journal of Molecular Medicine, 2001, 79, 76-102.	1.7	230
23	High salt reduces the activation of IL-4â€“ and IL-13â€“stimulated macrophages. Journal of Clinical Investigation, 2015, 125, 4223-4238.	3.9	229
24	Aliskiren, a Human Renin Inhibitor, Ameliorates Cardiac and Renal Damage in Double-Transgenic Rats. Hypertension, 2005, 46, 569-576.	1.3	224
25	²³ Na Magnetic Resonance Imaging of Tissue Sodium. Hypertension, 2012, 59, 167-172.	1.3	223
26	Aldosterone Potentiates Angiotensin IIâ€“Induced Signaling in Vascular Smooth Muscle Cells. Circulation, 2004, 109, 2792-2800.	1.6	214
27	Prorenin and Renin-Induced Extracellular Signal-Regulated Kinase 1/2 Activation in Monocytes Is Not Blocked by Aliskiren or the Handle-Region Peptide. Hypertension, 2008, 51, 682-688.	1.3	212
28	Neutrophil gelatinaseâ€associated lipocalin: pathophysiology and clinical applications. Acta Physiologica, 2013, 207, 663-672.	1.8	206
29	The Biology of the (Pro)Renin Receptor. Journal of the American Society of Nephrology: JASN, 2010, 21, 18-23.	3.0	197
30	Elevated Blood Pressure and Heart Rate in Human Renin Receptor Transgenic Rats. Hypertension, 2006, 47, 552-556.	1.3	196
31	Prorenin is the endogenous agonist of the (pro)renin receptor. Binding kinetics of renin and prorenin in rat vascular smooth muscle cells overexpressing the human (pro)renin receptor. Journal of Hypertension, 2007, 25, 2441-2453.	0.3	189
32	Dietary omega-3 fatty acids modulate the eicosanoid profile in man primarily via the CYP-epoxygenase pathway. Journal of Lipid Research, 2014, 55, 1150-1164.	2.0	186
33	Impacts of microbiome metabolites on immune regulation and autoimmunity. Immunology, 2018, 154, 230-238.	2.0	185
34	Magnetic resonanceâ€determined sodium removal from tissue stores in hemodialysis patients. Kidney International, 2015, 87, 434-441.	2.6	182
35	Prorenin Receptor Is Essential for Podocyte Autophagy and Survival. Journal of the American Society of Nephrology: JASN, 2011, 22, 2193-2202.	3.0	179
36	Mononuclear Phagocyte System Depletion Blocks Interstitial Tonicity-Responsive Enhancer Binding Protein/Vascular Endothelial Growth Factor C Expression and Induces Salt-Sensitive Hypertension in Rats. Hypertension, 2010, 55, 755-761.	1.3	174

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37	Role of the renin-angiotensin system in autoimmune inflammation of the central nervous system. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14942-14947.	3.3	170
38	Aldosterone Synthase Inhibitor Ameliorates Angiotensin IIâ€“Induced Organ Damage. Circulation, 2005, 111, 3087-3094.	1.6	166
39	Cerivastatin prevents angiotensin II-induced renal injury independent of blood pressure- and cholesterol-lowering effects. Kidney International, 2000, 58, 1420-1430.	2.6	157
40	High salt intake reprioritizes osmolyte and energy metabolism for body fluid conservation. Journal of Clinical Investigation, 2017, 127, 1944-1959.	3.9	153
41	Amelioration of Angiotensin IIâ€“Induced Cardiac Injury by a 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitor. Circulation, 2001, 104, 576-581.	1.6	151
42	Interferon-Î³ Signaling Inhibition Ameliorates Angiotensin IIâ€“Induced Cardiac Damage. Hypertension, 2012, 60, 1430-1436.	1.3	149
43	Mouse Cyp4a isoforms: enzymatic properties, gender- and strain-specific expression, and role in renal 20-hydroxyeicosatetraenoic acid formation. Biochemical Journal, 2007, 403, 109-118.	1.7	142
44	Effect of Bosentan on NF-ÎºB, Inflammation, and Tissue Factor in Angiotensin IIâ€“Induced End-Organ Damage. Hypertension, 2000, 36, 282-290.	1.3	141
45	Tubular Epithelial NF-ÎºB Activity Regulates Ischemic AKI. Journal of the American Society of Nephrology: JASN, 2016, 27, 2658-2669.	3.0	138
46	Agonistic Autoantibodies to the AT1 Receptor in a Transgenic Rat Model of Preeclampsia. Hypertension, 2005, 45, 742-746.	1.3	137
47	Postischemic Acute Renal Failure Is Reduced by Short-Term Statin Treatment in a Rat Model. Journal of the American Society of Nephrology: JASN, 2002, 13, 2288-2298.	3.0	135
48	The Putative (Pro)renin Receptor Blocker HRP Fails to Prevent (Pro)renin Signaling. Journal of the American Society of Nephrology: JASN, 2008, 19, 743-748.	3.0	133
49	Vascular Endothelial Cellâ€“Specific NF-ÎºB Suppression Attenuates Hypertension-Induced Renal Damage. Circulation Research, 2007, 101, 268-276.	2.0	128
50	(Pro)Renin Receptor Peptide Inhibitor â€œHandle-Regionâ€•Peptide Does Not Affect Hypertensive Nephrosclerosis in Goldblatt Rats. Hypertension, 2008, 51, 676-681.	1.3	128
51	Angiotensin II Type 1 Receptor Antibodies and Increased Angiotensin II Sensitivity in Pregnant Rats. Hypertension, 2011, 58, 77-84.	1.3	121
52	Complement Activation in Angiotensin IIâ€“Induced Organ Damage. Circulation Research, 2005, 97, 716-724.	2.0	118
53	GPCR-specific autoantibody signatures are associated with physiological and pathological immune homeostasis. Nature Communications, 2018, 9, 5224.	5.8	116
54	Increased salt consumption induces body water conservation and decreases fluid intake. Journal of Clinical Investigation, 2017, 127, 1932-1943.	3.9	114

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55	SGK1 induces vascular smooth muscle cell calcification through NF-Î²B signaling. Journal of Clinical Investigation, 2018, 128, 3024-3040.	3.9	114
56	Direct Renin Inhibition with Aliskiren in Hypertension and Target Organ Damage. Clinical Journal of the American Society of Nephrology: CJASN, 2006, 1, 221-228.	2.2	113
57	Propionate attenuates atherosclerosis by immune-dependent regulation of intestinal cholesterol metabolism. European Heart Journal, 2022, 43, 518-533.	1.0	113
58	Fasting alters the gut microbiome reducing blood pressure and body weight in metabolic syndrome patients. Nature Communications, 2021, 12, 1970.	5.8	108
59	Sodium in the microenvironment regulates immune responses and tissue homeostasis. Nature Reviews Immunology, 2019, 19, 243-254.	10.6	100
60	A Peroxisome Proliferator-Activated Receptor-Î± Activator Induces Renal CYP2C23 Activity and Protects from Angiotensin II-Induced Renal Injury. American Journal of Pathology, 2004, 164, 521-532.	1.9	98
61	Angiotensin II (AT1) Receptor Blockade Reduces Vascular Tissue Factor in Angiotensin II-Induced Cardiac Vasculopathy. American Journal of Pathology, 2000, 157, 111-122.	1.9	93
62	Aspirin inhibits NFâ€Î²B and protects from angiotensin Iiâ€induced organ damage. FASEB Journal, 2001, 15, 1822-1824.	0.2	93
63	Aliskiren-Binding Increases the Half Life of Renin and Prorenin in Rat Aortic Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1151-1157.	1.1	88
64	Prevalence of Agonistic Autoantibodies Against the Angiotensin II Type 1 Receptor and Soluble fms-Like Tyrosine Kinase 1 in a Gestational Ageâ€“Matched Case Study. Hypertension, 2009, 53, 393-398.	1.3	87
65	The Gut Microbiome in Hypertension. Circulation Research, 2021, 128, 934-950.	2.0	86
66	Resveratrol induces mitochondrial biogenesis and ameliorates Ang II-induced cardiac remodeling in transgenic rats harboring human renin and angiotensinogen genes. Blood Pressure, 2010, 19, 196-205.	0.7	84
67	Dietary n-3 Polyunsaturated Fatty Acids and Direct Renin Inhibition Improve Electrical Remodeling in a Model of High Human Renin Hypertension. Hypertension, 2008, 51, 540-546.	1.3	83
68	Eicosapentaenoic acid metabolism by cytochrome P450 enzymes of the CYP2C subfamily. Biochemical and Biophysical Research Communications, 2005, 329, 1275-1281.	1.0	82
69	Environmental factors in autoimmune diseases and their role in multiple sclerosis. Cellular and Molecular Life Sciences, 2016, 73, 4611-4622.	2.4	82
70	Potential Relevance of Î±1-Adrenergic Receptor Autoantibodies in Refractory Hypertension. PLoS ONE, 2008, 3, e3742.	1.1	79
71	Uterine Vascular Function in a Transgenic Preeclampsia Rat Model. Hypertension, 2008, 51, 547-553.	1.3	74
72	Skin sodium measured with ²³Na MRI at 7.0 T. NMR in Biomedicine, 2015, 28, 54-62.	1.6	74

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73	The role of sodium in modulating immune cell function. Nature Reviews Nephrology, 2019, 15, 546-558.	4.1	74
74	CD74-Downregulation of Placental Macrophage-Trophoblastic Interactions in Preeclampsia. Circulation Research, 2016, 119, 55-68.	2.0	73
75	Angiotensin II induced inflammation in the kidney and in the heart of double transgenic rats. BMC Cardiovascular Disorders, 2002, 2, 3.	0.7	70
76	Agonistic Antibodies Directed at the Angiotensin II, AT1 Receptor in Preeclampsia. Journal of the Society for Gynecologic Investigation, 2006, 13, 79-86.	1.9	68
77	Differential immunological signature at the culprit site distinguishes acute coronary syndrome with intact from acute coronary syndrome with ruptured fibrous cap: results from the prospective translational OPTICO-ACS study. European Heart Journal, 2020, 41, 3549-3560.	1.0	67
78	AT1-receptor autoantibodies and uteroplacental RAS in pregnancy and pre-eclampsia. Journal of Molecular Medicine, 2008, 86, 697-703.	1.7	66
79	Inhibition of 20-HETE synthesis and action protects the kidney from ischemia/reperfusion injury. Kidney International, 2011, 79, 57-65.	2.6	66
80	Role of the receptor Mas in macrophage-mediated inflammation in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14109-14114.	3.3	65
81	Angiotensin II-induced sudden arrhythmic death and electrical remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1242-H1253.	1.5	64
82	Inhibition of Trophoblast-Induced Spiral Artery Remodeling Reduces Placental Perfusion in Rat Pregnancy. Hypertension, 2010, 56, 304-310.	1.3	64
83	Effects of Circulating and Local Uteroplacental Angiotensin II in Rat Pregnancy. Hypertension, 2010, 56, 311-318.	1.3	64
84	P450-Dependent Arachidonic Acid Metabolism and Angiotensin IIâ€“Induced Renal Damage. Hypertension, 2002, 40, 273-279.	1.3	59
85	Growth arrest specific protein 6/Axl signaling in human inflammatory renal diseases. American Journal of Kidney Diseases, 2004, 43, 286-295.	2.1	59
86	Renin- and Prorenin-Induced Effects in Rat Vascular Smooth Muscle Cells Overexpressing the Human (Pro)Renin Receptor. Hypertension, 2011, 58, 1111-1119.	1.3	59
87	Macrophages in homeostatic immune function. Frontiers in Physiology, 2014, 5, 146.	1.3	58
88	Disturbed Placental Imprinting in Preeclampsia Leads to Altered Expression of DLX5, a Human-Specific Early Trophoblast Marker. Circulation, 2017, 136, 1824-1839.	1.6	58
89	17(R),18(S)-Epoxyeicosatetraenoic Acid, a Potent Eicosapentaenoic Acid (EPA) Derived Regulator of Cardiomyocyte Contraction: Structureâ€“Activity Relationships and Stable Analogues. Journal of Medicinal Chemistry, 2011, 54, 4109-4118.	2.9	57
90	Cytochrome P450 Subfamily 2J Polypeptide 2 Expression and Circulating Epoxyeicosatrienoic Metabolites in Preeclampsia. Circulation, 2012, 126, 2990-2999.	1.6	57

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91	Immune mechanisms in angiotensin II-induced target-organ damage. Annals of Medicine, 2012, 44, S49-S54.	1.5	57
92	High salt drives Th17 responses in experimental autoimmune encephalomyelitis without impacting myeloid dendritic cells. Experimental Neurology, 2016, 279, 212-222.	2.0	56
93	Caloric Restriction Ameliorates Angiotensin IIâ€“Induced Mitochondrial Remodeling and Cardiac Hypertrophy. Hypertension, 2012, 59, 76-84.	1.3	55
94	Elementary immunology: Na+ as a regulator of immunity. Pediatric Nephrology, 2017, 32, 201-210.	0.9	55
95	Novel signalling mechanisms and targets in renal ischaemia and reperfusion injury. Acta Physiologica, 2013, 208, 25-40.	1.8	54
96	CYP2J2 Overexpression Protects against Arrhythmia Susceptibility in Cardiac Hypertrophy. PLoS ONE, 2013, 8, e73490.	1.1	53
97	p38 Mitogen-Activated Protein Kinase Inhibition Ameliorates Angiotensin IIâ€“Induced Target Organ Damage. Hypertension, 2007, 49, 481-489.	1.3	52
98	Immunology in Hypertension, Preeclampsia, and Target-Organ Damage. Hypertension, 2009, 54, 439-443.	1.3	52
99	Glucocorticoid-Related Signaling Effects in Vascular Smooth Muscle Cells. Hypertension, 2008, 51, 1372-1378.	1.3	51
100	Immune-related effects in hypertension and target-organ damage. Current Opinion in Nephrology and Hypertension, 2011, 20, 113-117.	1.0	51
101	Heparin Strongly Induces Soluble Fms-Like Tyrosine Kinase 1 Release In Vivo and In Vitroâ€”Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2972-2974.	1.1	49
102	Cardiac gene expression profile in rats with terminal heart failure and cachexia. Physiological Genomics, 2005, 20, 256-267.	1.0	46
103	Sodium and its manifold impact on our immune system. Trends in Immunology, 2021, 42, 469-479.	2.9	46
104	Lipoic acid supplementation prevents angiotensin IIâ€“induced renal injury. Kidney International, 2003, 64, 501-508.	2.6	45
105	Activating auto-antibodies against the AT1 receptor in preeclampsia. Autoimmunity Reviews, 2005, 4, 61-65.	2.5	45
106	Salt Sensitivity of Angiogenesis Inhibitionâ€“Induced Blood Pressure Rise. Hypertension, 2017, 69, 919-926.	1.3	42
107	Metabolomics in Angiotensin II-Induced Cardiac Hypertrophy. Hypertension, 2010, 55, 508-515.	1.3	40
108	Canonical BMP signaling in tubular cells mediates recovery after acute kidney injury. Kidney International, 2019, 95, 108-122.	2.6	40

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109	Quantifying technical confounders in microbiome studies. Cardiovascular Research, 2021, 117, 863-875.	1.8	40
110	AT1 receptor agonistic antibodies, hypertension, and preeclampsia. Seminars in Nephrology, 2004, 24, 571-579.	0.6	39
111	HIF1A and NFAT5 coordinate Na⁺-boosted antibacterial defense via enhanced autophagy and autolysosomal targeting. Autophagy, 2019, 15, 1899-1916.	4.3	39
112	Sodium chloride, SGK1, and Th17 activation. Pflugers Archiv European Journal of Physiology, 2015, 467, 543-550.	1.3	38
113	Vitamin D Depletion Aggravates Hypertension and Targetâ€Organ Damage. Journal of the American Heart Association, 2015, 4, .	1.6	38
114	Na+ deposition in the fibrotic skin of systemic sclerosis patients detected by 23Na-magnetic resonance imaging. Rheumatology, 2017, 56, 556-560.	0.9	37
115	Impact of combined sodium chloride and saturated long-chain fatty acid challenge on the differentiation of T helper cells in neuroinflammation. Journal of Neuroinflammation, 2017, 14, 184.	3.1	37
116	Endogenous angiotensinergic system in neurons of rat and human trigeminal ganglia. Regulatory Peptides, 2009, 154, 23-31.	1.9	36
117	Phosphodiesterase 3A and Arterial Hypertension. Circulation, 2020, 142, 133-149.	1.6	35
118	Elevated aldosterone and blood pressure in a mouse model of familial hyperaldosteronism with ClC-2 mutation. Nature Communications, 2019, 10, 5155.	5.8	34
119	Endothelin-Converting Enzyme Inhibition Ameliorates Angiotensin Iiâ€“Induced Cardiac Damage. Hypertension, 2002, 40, 840-846.	1.3	33
120	The role of the gut microbiota and microbial metabolites in neuroinflammation. European Journal of Immunology, 2020, 50, 1863-1870.	1.6	32
121	Salt Transiently Inhibits Mitochondrial Energetics in Mononuclear Phagocytes. Circulation, 2021, 144, 144-158.	1.6	32
122	Energy Metabolism in Human Renin-Gene Transgenic Rats. Hypertension, 2009, 53, 516-523.	1.3	31
123	Diabetes Mellitus in Pregnancy Leads to Growth Restriction and Epigenetic Modification of the Srebf2 Gene in Rat Fetuses. Hypertension, 2018, 71, 911-920.	1.3	30
124	Aliskirenâ€”mode of action and preclinical data. Journal of Molecular Medicine, 2008, 86, 659-662.	1.7	29
125	Novel Role for Inhibitor of Differentiation 2 in the Genesis of Angiotensin Iiâ€“Induced Hypertension. Circulation, 2008, 117, 2645-2656.	1.6	29
126	Trophoblasts Reduce the Vascular Smooth Muscle Cell Proatherogenic Response. Hypertension, 2008, 51, 554-559.	1.3	29

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127	Sodium chloride triggers Th17 mediated autoimmunity. Journal of Neuroimmunology, 2019, 329, 9-13.	1.1	29
128	Effects of Aliskiren on Stroke in Rats Expressing Human Renin and Angiotensinogen Genes. PLoS ONE, 2010, 5, e15052.	1.1	28
129	Vitamin D review. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2011, 12, 125-128.	1.0	28
130	Role of the Immune System in Hypertensive Target Organ Damage. Trends in Cardiovascular Medicine, 2009, 19, 242-246.	2.3	27
131	Milk Products Containing Bioactive Tripeptides Have an Antihypertensive Effect in Double Transgenic Rats (dTGR) Harbouring Human Renin and Human Angiotensinogen Genes. Journal of Nutrition and Metabolism, 2010, 2010, 1-6.	0.7	27
132	Regulatory T Cells Ameliorate Intrauterine Growth Retardation in a Transgenic Rat Model for Preeclampsia. Hypertension, 2015, 65, 1298-1306.	1.3	27
133	Statins Reverse Postpartum Cardiovascular Dysfunction in a Rat Model of Preeclampsia. Hypertension, 2020, 75, 202-210.	1.3	27
134	Nitric oxideâ€“sensitive guanylyl cyclase stimulation improves experimental heart failure with preserved ejection fraction. JCI Insight, 2018, 3, .	2.3	27
135	Amyloid-Î² Peptides Activate Î± ₁ -Adrenergic Cardiovascular Receptors. Hypertension, 2013, 62, 966-972.	1.3	26
136	Propionic Acid Rescues High-Fat Diet Enhanced Immunopathology in Autoimmunity via Effects on Th17 Responses. Frontiers in Immunology, 2021, 12, 701626.	2.2	26
137	Autophagy and the (Pro)renin Receptor. Frontiers in Endocrinology, 2013, 4, 155.	1.5	25
138	RNA interference therapeutics targeting angiotensinogen ameliorate preeclamptic phenotype in rodent models. Journal of Clinical Investigation, 2020, 130, 2928-2942.	3.9	25
139	Lacidipine Inhibits Adhesion Molecule and Oxidase Expression Independent of Blood Pressure Reduction in Angiotensin-Induced Vascular Injury. Hypertension, 2002, 39, 685-689.	1.3	24
140	Low-dose renin inhibitor and low-dose AT1-receptor blocker therapy ameliorate target-organ damage in rats harbouring human renin and angiotensinogen genes. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2007, 8, 81-84.	1.0	24
141	Aldosterone, Salt, and Potassium Intakes as Predictors of Pregnancy Outcome, Including Preeclampsia. Hypertension, 2019, 74, 391-398.	1.3	24
142	Inducible NOS inhibition, eicosapentaenoic acid supplementation, and angiotensin IIâ€“induced renal damage. Kidney International, 2005, 67, 248-258.	2.6	23
143	Effect of cytochrome P450-dependent epoxyeicosanoids on Ristocetin-induced thrombocyte aggregation. Clinical Hemorheology and Microcirculation, 2012, 52, 403-416.	0.9	23
144	Atp6ap2 deletion causes extensive vacuolation that consumes the insulin content of pancreatic Î² cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19983-19988.	3.3	23

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145	Adipose Tissue-Derived Soluble Fms-Like Tyrosine Kinase 1 Is an Obesity-Relevant Endogenous Paracrine Adipokine. Hypertension, 2011, 58, 37-42.	1.3	22
146	Increase of angiotensin II type 1 receptor auto-antibodies in Huntingtonâ€™s disease. Molecular Neurodegeneration, 2014, 9, 49.	4.4	22
147	Metabolic, Mental and Immunological Effects of Normoxic and Hypoxic Training in Multiple Sclerosis Patients: A Pilot Study. Frontiers in Immunology, 2018, 9, 2819.	2.2	22
148	NCX1 represents an ionic Na+ sensing mechanism in macrophages. PLoS Biology, 2020, 18, e3000722.	2.6	22
149	Bcl10 Mediates Angiotensin Iiâ€“Induced Cardiac Damage and Electrical Remodeling. Hypertension, 2014, 64, 1032-1039.	1.3	21
150	Cardiac hypertrophy and fibrosis in chronic l-NAME-treated AT2 receptor-deficient mice. Journal of Hypertension, 2004, 22, 997-1005.	0.3	20
151	Taking Another â€œLookâ€•at Sodium. Canadian Journal of Cardiology, 2014, 30, 473-475.	0.8	20
152	New role for the (pro)renin receptor in T-cell development. Blood, 2015, 126, 504-507.	0.6	20
153	Role of Cystathionine Gamma-Lyase in Immediate Renal Impairment and Inflammatory Response in Acute Ischemic Kidney Injury. Scientific Reports, 2016, 6, 27517.	1.6	20
154	Skin Sodium Accumulates in Psoriasis and Reflects Disease Severity. Journal of Investigative Dermatology, 2022, 142, 166-178.e8.	0.3	20
155	Entacapone protects from angiotensin II-induced inflammation and renal injury. Journal of Hypertension, 2003, 21, 2353-2363.	0.3	19
156	Aldosterone, mineralocorticoid receptors, and vascular inflammation. Current Opinion in Internal Medicine, 2007, 6, 295-303.	1.5	18
157	Rosuvastatin protects against angiotensin II-induced renal injury in a dose-dependent fashion. Journal of Hypertension, 2009, 27, 599-605.	0.3	18
158	Immunoproteasome subunit ÃŸ5i/LMP7-deficiency in atherosclerosis. Scientific Reports, 2017, 7, 13342.	1.6	17
159	Transient Receptor Potential Vanilloid 4 Channel Deficiency Aggravates Tubular Damage after Acute Renal Ischaemia Reperfusion. Scientific Reports, 2018, 8, 4878.	1.6	17
160	The longevity gene mIndy (Iâ€™m Not Dead, Yet) affects blood pressure through sympathoadrenal mechanisms. JCI Insight, 2021, 6, .	2.3	17
161	Î±1A-Adrenergic Receptor-Directed Autoimmunity Induces Left Ventricular Damage and Diastolic Dysfunction in Rats. PLoS ONE, 2010, 5, e9409.	1.1	15
162	Inhibition of the reninâ€“angiotensinâ€“aldosterone system. Journal of Hypertension, 2012, 30, 647-654.	0.3	15

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163	Antibodies to Signaling Molecules and Receptors in Alzheimerâ€™s Disease are Associated with Psychomotor Slowing, Depression, and Poor Visuospatial Function. Journal of Alzheimer's Disease, 2017, 59, 929-939.	1.2	15
164	Enhanced Ca²⁺signaling, mild primary aldosteronism, and hypertension in a familial hyperaldosteronism mouse model (Cacna1h^{M1560V/+}). Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	15
165	Growth Arrest Specific Protein 6 Participates in DOCA-Induced Target-Organ Damage. Hypertension, 2009, 54, 359-364.	1.3	14
166	Natural Killer Cell Reduction and Uteroplacental Vasculopathy. Hypertension, 2016, 68, 964-973.	1.3	14
167	Nitric oxide synthase expression in AT2 receptorâ€“deficient mice after DOCA-salt. Kidney International, 2004, 65, 2268-2278.	2.6	13
168	Overexpression of CREB protein protects from tunicamycin-induced apoptosis in various rat cell types. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 1080-1098.	2.2	13
169	Hypertensive retinopathy in a transgenic angiotensin-based model. Clinical Science, 2016, 130, 1075-1088.	1.8	13
170	Prorenin receptor regulates more than the renin-angiotensin system. Annals of Medicine, 2012, 44, S43-S48.	1.5	12
171	The direct renin inhibitor aliskiren improves vascular remodelling in transgenic rats harbouring human renin and angiotensinogen genes. Clinical Science, 2013, 125, 183-189.	1.8	12
172	Soluble (pro)renin receptor in preeclampsia and diabetic pregnancies. Journal of the American Society of Hypertension, 2017, 11, 644-652.	2.3	12
173	B-cell lymphoma/leukaemia 10 and angiotensin II-induced kidney injury. Cardiovascular Research, 2020, 116, 1059-1070.	1.8	12
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