

Dominik N. Müller

List of Publications by Citations

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207
papers

16,044
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123
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218
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18,996
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
207	Microglia emerge from erythromyeloid precursors via Pu.1- and Irf8-dependent pathways. <i>Nature Neuroscience</i> , 2013 , 16, 273-80	25.5	875
206	Sodium chloride drives autoimmune disease by the induction of pathogenic TH17 cells. <i>Nature</i> , 2013 , 496, 518-22	50.4	863
205	Macrophages regulate salt-dependent volume and blood pressure by a vascular endothelial growth factor-C-dependent buffering mechanism. <i>Nature Medicine</i> , 2009 , 15, 545-52	50.5	667
204	Angiotensin II type 1-receptor activating antibodies in renal-allograft rejection. <i>New England Journal of Medicine</i> , 2005 , 352, 558-69	59.2	622
203	Salt-responsive gut commensal modulates T17 axis and disease. <i>Nature</i> , 2017 , 551, 585-589	50.4	553
202	Dietary Fatty Acids Directly Impact Central Nervous System Autoimmunity via the Small Intestine. <i>Immunity</i> , 2015 , 43, 817-29	32.3	416
201	NF-kappaB inhibition ameliorates angiotensin II-induced inflammatory damage in rats. <i>Hypertension</i> , 2000 , 35, 193-201	8.5	340
200	Arachidonic acid-metabolizing cytochrome P450 enzymes are targets of {omega}-3 fatty acids. <i>Journal of Biological Chemistry</i> , 2010 , 285, 32720-32733	5.4	278
199	AT1 receptor agonistic antibodies from preeclamptic patients stimulate NADPH oxidase. <i>Circulation</i> , 2003 , 107, 1632-9	16.7	271
198	Immune cells control skin lymphatic electrolyte homeostasis and blood pressure. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2803-15	15.9	253
197	²³ Na magnetic resonance imaging-determined tissue sodium in healthy subjects and hypertensive patients. <i>Hypertension</i> , 2013 , 61, 635-40	8.5	243
196	Role of "Western diet" in inflammatory autoimmune diseases. <i>Current Allergy and Asthma Reports</i> , 2014 , 14, 404	5.6	238
195	Regulatory T cells ameliorate angiotensin II-induced cardiac damage. <i>Circulation</i> , 2009 , 119, 2904-12	16.7	238
194	Effects of aliskiren on blood pressure, albuminuria, and (pro)renin receptor expression in diabetic TG(mRen-2)27 rats. <i>Hypertension</i> , 2008 , 52, 130-6	8.5	238
193	Long-term space flight simulation reveals infradian rhythmicity in human Na(+) balance. <i>Cell Metabolism</i> , 2013 , 17, 125-31	24.6	226
192	Immunosuppressive treatment protects against angiotensin II-induced renal damage. <i>American Journal of Pathology</i> , 2002 , 161, 1679-93	5.8	222
191	Tissue renin-angiotensin systems: new insights from experimental animal models in hypertension research. <i>Journal of Molecular Medicine</i> , 2001 , 79, 76-102	5.5	205

190	Short-Chain Fatty Acid Propionate Protects From Hypertensive Cardiovascular Damage. <i>Circulation</i> , 2019 , 139, 1407-1421	16.7	204
189	Aliskiren, a human renin inhibitor, ameliorates cardiac and renal damage in double-transgenic rats. <i>Hypertension</i> , 2005 , 46, 569-76	8.5	200
188	Aldosterone potentiates angiotensin II-induced signaling in vascular smooth muscle cells. <i>Circulation</i> , 2004 , 109, 2792-800	16.7	193
187	Involvement of functional autoantibodies against vascular receptors in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 530-6	2.4	191
186	Dysregulation of the circulating and tissue-based renin-angiotensin system in preeclampsia. <i>Hypertension</i> , 2007 , 49, 604-11	8.5	187
185	Prorenin and renin-induced extracellular signal-regulated kinase 1/2 activation in monocytes is not blocked by aliskiren or the handle-region peptide. <i>Hypertension</i> , 2008 , 51, 682-8	8.5	186
184	Cutaneous Na ⁺ storage strengthens the antimicrobial barrier function of the skin and boosts macrophage-driven host defense. <i>Cell Metabolism</i> , 2015 , 21, 493-501	24.6	184
183	Elevated blood pressure and heart rate in human renin receptor transgenic rats. <i>Hypertension</i> , 2006 , 47, 552-6	8.5	183
182	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. <i>Journal of Hypertension</i> , 2007 , 25, 2441-53	1.9	168
181	The biology of the (pro)renin receptor. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 18-23	12.7	167
180	High salt reduces the activation of IL-4- and IL-13-stimulated macrophages. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4223-38	15.9	166
179	(23)Na magnetic resonance imaging of tissue sodium. <i>Hypertension</i> , 2012 , 59, 167-72	8.5	161
178	Neutrophil gelatinase-associated lipocalin: pathophysiology and clinical applications. <i>Acta Physiologica</i> , 2013 , 207, 663-72	5.6	156
177	Prorenin receptor is essential for podocyte autophagy and survival. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 2193-202	12.7	156
176	Dietary omega-3 fatty acids modulate the eicosanoid profile in man primarily via the CYP-epoxygenase pathway. <i>Journal of Lipid Research</i> , 2014 , 55, 1150-64	6.3	155
175	Aldosterone synthase inhibitor ameliorates angiotensin II-induced organ damage. <i>Circulation</i> , 2005 , 111, 3087-94	16.7	154
174	Role of the renin-angiotensin system in autoimmune inflammation of the central nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14942-7	11.5	149
173	Propionic Acid Shapes the Multiple Sclerosis Disease Course by an Immunomodulatory Mechanism. <i>Cell</i> , 2020 , 180, 1067-1080.e16	56.2	146

172	Amelioration of angiotensin II-induced cardiac injury by a 3-hydroxy-3-methylglutaryl coenzyme a reductase inhibitor. <i>Circulation</i> , 2001 , 104, 576-81	16.7	141
171	Mononuclear phagocyte system depletion blocks interstitial tonicity-responsive enhancer binding protein/vascular endothelial growth factor C expression and induces salt-sensitive hypertension in rats. <i>Hypertension</i> , 2010 , 55, 755-61	8.5	137
170	Magnetic resonance-determined sodium removal from tissue stores in hemodialysis patients. <i>Kidney International</i> , 2015 , 87, 434-41	9.9	132
169	Agonistic autoantibodies to the AT1 receptor in a transgenic rat model of preeclampsia. <i>Hypertension</i> , 2005 , 45, 742-6	8.5	128
168	Cerivastatin prevents angiotensin II-induced renal injury independent of blood pressure- and cholesterol-lowering effects. <i>Kidney International</i> , 2000 , 58, 1420-30	9.9	128
167	Mouse Cyp4a isoforms: enzymatic properties, gender- and strain-specific expression, and role in renal 20-hydroxyeicosatetraenoic acid formation. <i>Biochemical Journal</i> , 2007 , 403, 109-18	3.8	127
166	Effect of bosentan on NF-kappaB, inflammation, and tissue factor in angiotensin II-induced end-organ damage. <i>Hypertension</i> , 2000 , 36, 282-90	8.5	127
165	Postischemic acute renal failure is reduced by short-term statin treatment in a rat model. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 2288-98	12.7	125
164	The putative (pro)renin receptor blocker HRP fails to prevent (pro)renin signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 743-8	12.7	124
163	(Pro)renin receptor peptide inhibitor "handle-region" peptide does not affect hypertensive nephrosclerosis in Goldblatt rats. <i>Hypertension</i> , 2008 , 51, 676-81	8.5	120
162	Interferon- γ signaling inhibition ameliorates angiotensin II-induced cardiac damage. <i>Hypertension</i> , 2012 , 60, 1430-6	8.5	117
161	Impacts of microbiome metabolites on immune regulation and autoimmunity. <i>Immunology</i> , 2018 , 154, 230-238	7.8	108
160	Angiotensin II type 1 receptor antibodies and increased angiotensin II sensitivity in pregnant rats. <i>Hypertension</i> , 2011 , 58, 77-84	8.5	107
159	Complement activation in angiotensin II-induced organ damage. <i>Circulation Research</i> , 2005 , 97, 716-24	15.7	106
158	Vascular endothelial cell-specific NF-kappaB suppression attenuates hypertension-induced renal damage. <i>Circulation Research</i> , 2007 , 101, 268-76	15.7	104
157	Direct renin inhibition with aliskiren in hypertension and target organ damage. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2006 , 1, 221-8	6.9	98
156	High salt intake reprioritizes osmolyte and energy metabolism for body fluid conservation. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1944-1959	15.9	96
155	Tubular Epithelial NF-B Activity Regulates Ischemic AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 2658-69	12.7	95

154	Angiotensin II (AT(1)) receptor blockade reduces vascular tissue factor in angiotensin II-induced cardiac vasculopathy. <i>American Journal of Pathology</i> , 2000 , 157, 111-22	5.8	89
153	A peroxisome proliferator-activated receptor-alpha activator induces renal CYP2C23 activity and protects from angiotensin II-induced renal injury. <i>American Journal of Pathology</i> , 2004 , 164, 521-32	5.8	88
152	Aspirin inhibits NF-kappaB and protects from angiotensin II-induced organ damage. <i>FASEB Journal</i> , 2001 , 15, 1822-4	0.9	84
151	Aliskiren-binding increases the half life of renin and prorenin in rat aortic vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1151-7	9.4	82
150	Increased salt consumption induces body water conservation and decreases fluid intake. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1932-1943	15.9	81
149	Dietary n-3 polyunsaturated fatty acids and direct renin inhibition improve electrical remodeling in a model of high human renin hypertension. <i>Hypertension</i> , 2008 , 51, 540-6	8.5	79
148	Prevalence of agonistic autoantibodies against the angiotensin II type 1 receptor and soluble fms-like tyrosine kinase 1 in a gestational age-matched case study. <i>Hypertension</i> , 2009 , 53, 393-8	8.5	78
147	Potential relevance of alpha(1)-adrenergic receptor autoantibodies in refractory hypertension. <i>PLoS ONE</i> , 2008 , 3, e3742	3.7	74
146	Eicosapentaenoic acid metabolism by cytochrome P450 enzymes of the CYP2C subfamily. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 329, 1275-81	3.4	74
145	Resveratrol induces mitochondrial biogenesis and ameliorates Ang II-induced cardiac remodeling in transgenic rats harboring human renin and angiotensinogen genes. <i>Blood Pressure</i> , 2010 , 19, 196-205	1.7	71
144	Uterine vascular function in a transgenic preeclampsia rat model. <i>Hypertension</i> , 2008 , 51, 547-53	8.5	69
143	Agonistic antibodies directed at the angiotensin II, AT1 receptor in preeclampsia. <i>Journal of the Society for Gynecologic Investigation</i> , 2006 , 13, 79-86		64
142	Angiotensin II induced inflammation in the kidney and in the heart of double transgenic rats. <i>BMC Cardiovascular Disorders</i> , 2002 , 2, 3	2.3	61
141	Inhibition of trophoblast-induced spiral artery remodeling reduces placental perfusion in rat pregnancy. <i>Hypertension</i> , 2010 , 56, 304-10	8.5	60
140	SGK1 induces vascular smooth muscle cell calcification through NF-B signaling. <i>Journal of Clinical Investigation</i> , 2018 , 128, 3024-3040	15.9	59
139	GPCR-specific autoantibody signatures are associated with physiological and pathological immune homeostasis. <i>Nature Communications</i> , 2018 , 9, 5224	17.4	59
138	Inhibition of 20-HETE synthesis and action protects the kidney from ischemia/reperfusion injury. <i>Kidney International</i> , 2011 , 79, 57-65	9.9	57
137	AT1-receptor autoantibodies and uteroplacental RAS in pregnancy and pre-eclampsia. <i>Journal of Molecular Medicine</i> , 2008 , 86, 697-703	5.5	57

136	Environmental factors in autoimmune diseases and their role in multiple sclerosis. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 4611-4622	10.3	56
135	Skin sodium measured with ^{23}Na MRI at 7.0 T. <i>NMR in Biomedicine</i> , 2015 , 28, 54-62	4.4	54
134	Effects of circulating and local uteroplacental angiotensin II in rat pregnancy. <i>Hypertension</i> , 2010 , 56, 311-8	8.5	54
133	Renin- and prorenin-induced effects in rat vascular smooth muscle cells overexpressing the human (pro)renin receptor: does (pro)renin-(pro)renin receptor interaction actually occur?. <i>Hypertension</i> , 2011 , 58, 1111-9	8.5	53
132	Angiotensin II-induced sudden arrhythmic death and electrical remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H1242-53	5.2	52
131	P450-dependent arachidonic acid metabolism and angiotensin II-induced renal damage. <i>Hypertension</i> , 2002 , 40, 273-9	8.5	52
130	Growth arrest specific protein 6/Axl signaling in human inflammatory renal diseases. <i>American Journal of Kidney Diseases</i> , 2004 , 43, 286-95	7.4	51
129	17(R),18(S)-epoxyeicosatetraenoic acid, a potent eicosapentaenoic acid (EPA) derived regulator of cardiomyocyte contraction: structure-activity relationships and stable analogues. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 4109-18	8.3	50
128	Caloric restriction ameliorates angiotensin II-induced mitochondrial remodeling and cardiac hypertrophy. <i>Hypertension</i> , 2012 , 59, 76-84	8.5	50
127	Immune mechanisms in angiotensin II-induced target-organ damage. <i>Annals of Medicine</i> , 2012 , 44 Suppl 1, S49-54	1.5	49
126	Cytochrome P450 subfamily 2J polypeptide 2 expression and circulating epoxyeicosatrienoic metabolites in preeclampsia. <i>Circulation</i> , 2012 , 126, 2990-9	16.7	48
125	Glucocorticoid-related signaling effects in vascular smooth muscle cells. <i>Hypertension</i> , 2008 , 51, 1372-8	8.5	48
124	Immunology in hypertension, preeclampsia, and target-organ damage. <i>Hypertension</i> , 2009 , 54, 439-43	8.5	47
123	Role of the receptor Mas in macrophage-mediated inflammation in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14109-14114	11.5	45
122	Immune-related effects in hypertension and target-organ damage. <i>Current Opinion in Nephrology and Hypertension</i> , 2011 , 20, 113-7	3.5	45
121	Heparin strongly induces soluble fms-like tyrosine kinase 1 release in vivo and in vitro--brief report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2972-4	9.4	45
120	p38 mitogen-activated protein kinase inhibition ameliorates angiotensin II-induced target organ damage. <i>Hypertension</i> , 2007 , 49, 481-9	8.5	45
119	Cardiac gene expression profile in rats with terminal heart failure and cachexia. <i>Physiological Genomics</i> , 2005 , 20, 256-67	3.6	45

118	Sodium in the microenvironment regulates immune responses and tissue homeostasis. <i>Nature Reviews Immunology</i> , 2019 , 19, 243-254	36.5	45
117	Macrophages in homeostatic immune function. <i>Frontiers in Physiology</i> , 2014 , 5, 146	4.6	44
116	High salt drives Th17 responses in experimental autoimmune encephalomyelitis without impacting myeloid dendritic cells. <i>Experimental Neurology</i> , 2016 , 279, 212-222	5.7	43
115	Novel signalling mechanisms and targets in renal ischaemia and reperfusion injury. <i>Acta Physiologica</i> , 2013 , 208, 25-40	5.6	43
114	Elementary immunology: Na as a regulator of immunity. <i>Pediatric Nephrology</i> , 2017 , 32, 201-210	3.2	41
113	CYP2J2 overexpression protects against arrhythmia susceptibility in cardiac hypertrophy. <i>PLoS ONE</i> , 2013 , 8, e73490	3.7	40
112	Lipoic acid supplementation prevents angiotensin II-induced renal injury. <i>Kidney International</i> , 2003 , 64, 501-8	9.9	39
111	Activating auto-antibodies against the AT1 receptor in preeclampsia. <i>Autoimmunity Reviews</i> , 2005 , 4, 61-5	13.6	39
110	AT1 receptor agonistic antibodies, hypertension, and preeclampsia. <i>Seminars in Nephrology</i> , 2004 , 24, 571-579	4.8	36
109	Metabolomics in angiotensin II-induced cardiac hypertrophy. <i>Hypertension</i> , 2010 , 55, 508-15	8.5	35
108	CD74-Downregulation of Placental Macrophage-Trophoblastic Interactions in Preeclampsia. <i>Circulation Research</i> , 2016 , 119, 55-68	15.7	34
107	The role of sodium in modulating immune cell function. <i>Nature Reviews Nephrology</i> , 2019 , 15, 546-558	14.9	33
106	Sodium chloride, SGK1, and Th17 activation. <i>Pflugers Archiv European Journal of Physiology</i> , 2015 , 467, 543-50	4.6	31
105	Vitamin D depletion aggravates hypertension and target-organ damage. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	31
104	Disturbed Placental Imprinting in Preeclampsia Leads to Altered Expression of DLX5, a Human-Specific Early Trophoblast Marker. <i>Circulation</i> , 2017 , 136, 1824-1839	16.7	31
103	Endogenous angiotensinergic system in neurons of rat and human trigeminal ganglia. <i>Regulatory Peptides</i> , 2009 , 154, 23-31		29
102	Endothelin-converting enzyme inhibition ameliorates angiotensin II-induced cardiac damage. <i>Hypertension</i> , 2002 , 40, 840-6	8.5	29
101	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. <i>European Heart Journal</i> , 2020 , 41, 3549-3560	9.5	29

100	Salt Sensitivity of Angiogenesis Inhibition-Induced Blood Pressure Rise: Role of Interstitial Sodium Accumulation?. <i>Hypertension</i> , 2017 , 69, 919-926	8.5	28
99	Effects of aliskiren on stroke in rats expressing human renin and angiotensinogen genes. <i>PLoS ONE</i> , 2010 , 5, e15052	3.7	28
98	Energy metabolism in human renin-gene transgenic rats: does renin contribute to obesity?. <i>Hypertension</i> , 2009 , 53, 516-23	8.5	28
97	Novel role for inhibitor of differentiation 2 in the genesis of angiotensin II-induced hypertension. <i>Circulation</i> , 2008 , 117, 2645-56	16.7	27
96	Trophoblasts reduce the vascular smooth muscle cell proatherogenic response. <i>Hypertension</i> , 2008 , 51, 554-9	8.5	26
95	Aliskiren--mode of action and preclinical data. <i>Journal of Molecular Medicine</i> , 2008 , 86, 659-62	5.5	26
94	Fasting alters the gut microbiome reducing blood pressure and body weight in metabolic syndrome patients. <i>Nature Communications</i> , 2021 , 12, 1970	17.4	26
93	HIF1A and NFAT5 coordinate Na-boosted antibacterial defense via enhanced autophagy and autolysosomal targeting. <i>Autophagy</i> , 2019 , 15, 1899-1916	10.2	25
92	Regulatory T cells ameliorate intrauterine growth retardation in a transgenic rat model for preeclampsia. <i>Hypertension</i> , 2015 , 65, 1298-306	8.5	25
91	Impact of combined sodium chloride and saturated long-chain fatty acid challenge on the differentiation of T helper cells in neuroinflammation. <i>Journal of Neuroinflammation</i> , 2017 , 14, 184	10.1	24
90	Low-dose renin inhibitor and low-dose AT(1)-receptor blocker therapy ameliorate target-organ damage in rats harbouring human renin and angiotensinogen genes. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2007 , 8, 81-4	3	24
89	Autophagy and the (Pro)renin Receptor. <i>Frontiers in Endocrinology</i> , 2013 , 4, 155	5.7	23
88	Milk Products Containing Bioactive Tripeptides Have an Antihypertensive Effect in Double Transgenic Rats (dTGR) Harbouring Human Renin and Human Angiotensinogen Genes. <i>Journal of Nutrition and Metabolism</i> , 2010 , 2010,	2.7	23
87	Role of the immune system in hypertensive target organ damage. <i>Trends in Cardiovascular Medicine</i> , 2009 , 19, 242-6	6.9	23
86	Vitamin D review. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2011 , 12, 125-8	3	23
85	Na ⁺ deposition in the fibrotic skin of systemic sclerosis patients detected by ²³ Na-magnetic resonance imaging. <i>Rheumatology</i> , 2017 , 56, 556-560	3.9	22
84	Effect of cytochrome P450-dependent epoxyeicosanoids on Ristocetin-induced thrombocyte aggregation. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 403-16	2.5	22
83	Canonical BMP signaling in tubular cells mediates recovery after acute kidney injury. <i>Kidney International</i> , 2019 , 95, 108-122	9.9	22

82	Adipose tissue-derived soluble fms-like tyrosine kinase 1 is an obesity-relevant endogenous paracrine adipokine. <i>Hypertension</i> , 2011 , 58, 37-42	8.5	20
81	Inducible NOS inhibition, eicosapentaenoic acid supplementation, and angiotensin II-induced renal damage. <i>Kidney International</i> , 2005 , 67, 248-58	9.9	20
80	Lacidipine inhibits adhesion molecule and oxidase expression independent of blood pressure reduction in angiotensin-induced vascular injury. <i>Hypertension</i> , 2002 , 39, 685-9	8.5	20
79	Sodium chloride triggers Th17 mediated autoimmunity. <i>Journal of Neuroimmunology</i> , 2019 , 329, 9-13	3.5	19
78	Elevated aldosterone and blood pressure in a mouse model of familial hyperaldosteronism with CLC-2 mutation. <i>Nature Communications</i> , 2019 , 10, 5155	17.4	19
77	Entacapone protects from angiotensin II-induced inflammation and renal injury. <i>Journal of Hypertension</i> , 2003 , 21, 2353-63	1.9	18
76	Role of Cystathionine Gamma-Lyase in Immediate Renal Impairment and Inflammatory Response in Acute Ischemic Kidney Injury. <i>Scientific Reports</i> , 2016 , 6, 27517	4.9	18
75	Phosphodiesterase 3A and Arterial Hypertension. <i>Circulation</i> , 2020 , 142, 133-149	16.7	17
74	Diabetes Mellitus in Pregnancy Leads to Growth Restriction and Epigenetic Modification of the Gene in Rat Fetuses. <i>Hypertension</i> , 2018 , 71, 911-920	8.5	17
73	Amyloid- β peptides activate β -adrenergic cardiovascular receptors. <i>Hypertension</i> , 2013 , 62, 966-72	8.5	17
72	Rosuvastatin protects against angiotensin II-induced renal injury in a dose-dependent fashion. <i>Journal of Hypertension</i> , 2009 , 27, 599-605	1.9	17
71	Cardiac hypertrophy and fibrosis in chronic L-NAME-treated AT2 receptor-deficient mice. <i>Journal of Hypertension</i> , 2004 , 22, 997-1005	1.9	17
70	Nitric oxide-sensitive guanylyl cyclase stimulation improves experimental heart failure with preserved ejection fraction. <i>JCI Insight</i> , 2018 , 3,	9.9	17
69	New role for the (pro)renin receptor in T-cell development. <i>Blood</i> , 2015 , 126, 504-7	2.2	16
68	Increase of angiotensin II type 1 receptor auto-antibodies in Huntington β disease. <i>Molecular Neurodegeneration</i> , 2014 , 9, 49	19	16
67	Statins Reverse Postpartum Cardiovascular Dysfunction in a Rat Model of Preeclampsia. <i>Hypertension</i> , 2020 , 75, 202-210	8.5	16
66	Bcl10 mediates angiotensin II-induced cardiac damage and electrical remodeling. <i>Hypertension</i> , 2014 , 64, 1032-9	8.5	15
65	The Gut Microbiome in Hypertension: Recent Advances and Future Perspectives. <i>Circulation Research</i> , 2021 , 128, 934-950	15.7	15

64	The role of the gut microbiota and microbial metabolites in neuroinflammation. <i>European Journal of Immunology</i> , 2020 , 50, 1863-1870	6.1	14
63	Growth arrest specific protein 6 participates in DOCA-induced target-organ damage. <i>Hypertension</i> , 2009 , 54, 359-64	8.5	13
62	Inhibition of the renin-angiotensin-aldosterone system: is there room for dual blockade in the cardiorenal continuum?. <i>Journal of Hypertension</i> , 2012 , 30, 647-54	1.9	13
61	Propionate attenuates atherosclerosis by immune-dependent regulation of intestinal cholesterol metabolism. <i>European Heart Journal</i> , 2021 ,	9.5	13
60	deletion causes extensive vacuolation that consumes the insulin content of pancreatic β cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 19983-19988	11.5	12
59	Aldosterone, Salt, and Potassium Intakes as Predictors of Pregnancy Outcome, Including Preeclampsia. <i>Hypertension</i> , 2019 , 74, 391-398	8.5	12
58	Transient Receptor Potential Vanilloid 4 Channel Deficiency Aggravates Tubular Damage after Acute Renal Ischaemia Reperfusion. <i>Scientific Reports</i> , 2018 , 8, 4878	4.9	12
57	Natural Killer Cell Reduction and Uteroplacental Vasculopathy. <i>Hypertension</i> , 2016 , 68, 964-73	8.5	12
56	RNA interference therapeutics targeting angiotensinogen ameliorate preeclamptic phenotype in rodent models. <i>Journal of Clinical Investigation</i> , 2020 , 130, 2928-2942	15.9	12
55	Overexpression of CREB protein protects from tunicamycin-induced apoptosis in various rat cell types. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014 , 19, 1080-98	5.4	11
54	The direct renin inhibitor aliskiren improves vascular remodelling in transgenic rats harbouring human renin and angiotensinogen genes. <i>Clinical Science</i> , 2013 , 125, 183-9	6.5	11
53	Alpha1A-adrenergic receptor-directed autoimmunity induces left ventricular damage and diastolic dysfunction in rats. <i>PLoS ONE</i> , 2010 , 5, e9409	3.7	11
52	Aldosterone, mineralocorticoid receptors, and vascular inflammation. <i>Current Opinion in Internal Medicine</i> , 2007 , 16, 134-42		11
51	Nitric oxide synthase expression in AT2 receptor-deficient mice after DOCA-salt. <i>Kidney International</i> , 2004 , 65, 2268-78	9.9	11
50	A gene expression analysis in rat kidney following high and low salt intake. <i>Journal of Hypertension</i> , 2002 , 20, 1115-20	1.9	11
49	Sodium and its manifold impact on our immune system. <i>Trends in Immunology</i> , 2021 , 42, 469-479	14.4	11
48	Hypertensive retinopathy in a transgenic angiotensin-based model. <i>Clinical Science</i> , 2016 , 130, 1075-88	6.5	10
47	Prorenin receptor regulates more than the renin-angiotensin system. <i>Annals of Medicine</i> , 2012 , 44 Suppl 1, S43-8	1.5	10

46	Metabolic, Mental and Immunological Effects of Normoxic and Hypoxic Training in Multiple Sclerosis Patients: A Pilot Study. <i>Frontiers in Immunology</i> , 2018 , 9, 2819	8.4	10
45	Immunoproteasome subunit β i/LMP7-deficiency in atherosclerosis. <i>Scientific Reports</i> , 2017 , 7, 13342	4.9	9
44	Soluble (pro)renin receptor in preeclampsia and diabetic pregnancies. <i>Journal of the American Society of Hypertension</i> , 2017 , 11, 644-652		9
43	Relaxin does not improve Angiotensin II-induced target-organ damage. <i>PLoS ONE</i> , 2014 , 9, e93743	3.7	9
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11	Propionic Acid Rescues High-Fat Diet Enhanced Immunopathology in Autoimmunity Effects on Th17 Responses. <i>Frontiers in Immunology</i> , 2021 , 12, 701626	8.4	2

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