

# CITATION REPORT

List of articles citing

Possible contributions of reactive oxygen species and mitogen-activated protein kinase to renal injury in aldosterone/salt-induced hypertensive rats

DOI: 10.1161/01.hyp.0000118519.66430.22  
Hypertension, 2004, 43, 841-8.

**Source:** <https://exaly.com/paper-pdf/36569074/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
265	Reactive oxygen species, vascular oxidative stress, and redox signaling in hypertension: what is the clinical significance?. <i>Hypertension</i> , <b>2004</b> , 44, 248-52	8.5	665
264	Mineralocorticoid receptor antagonists and hypertension: is there a rationale?. <b>2004</b> , 6, 279-87		11
263	Aldosterone and renal injury. <b>2004</b> , 124, 101-9		15
262	D-allose, an all-cis aldo-hexose, suppresses development of salt-induced hypertension in Dahl rats. <i>Journal of Hypertension</i> , <b>2005</b> , 23, 1887-94	1.9	39
261	Aldosterone and end-organ damage. <b>2005</b> , 14, 235-41		114
260	Bibliography Current World Literature. <b>2005</b> , 20, 324-368		
259	Endothelial progenitor cell senescence is accelerated in both experimental hypertensive rats and patients with essential hypertension. <i>Journal of Hypertension</i> , <b>2005</b> , 23, 1831-7	1.9	181
258	Aldosterone and end-organ damage. <b>2005</b> , 4, 381-387		1
257	Excess aldosterone under normal salt diet induces cardiac hypertrophy and infiltration via oxidative stress. <i>Hypertension Research</i> , <b>2005</b> , 28, 447-55	4.7	52
256	Cardioprotective mechanisms of spironolactone associated with the angiotensin-converting enzyme/epidermal growth factor receptor/extracellular signal-regulated kinases, NAD(P)H oxidase/lectin-like oxidized low-density lipoprotein receptor-1, and Rho-kinase pathways in aldosterone/salt-induced hypertensive rats. <i>Hypertension Research</i> , <b>2005</b> , 28, 925-36	4.7	66
255	Antihypertensive response to prolonged tempol in the spontaneously hypertensive rat. <i>Kidney International</i> , <b>2005</b> , 68, 179-87	9.9	54
254	The role of ERK5 in T-cell signalling. <b>2005</b> , 62, 515-20		14
253	The mineralocorticoid receptor and oxidative stress. <b>2005</b> , 10, 47-52		35
252	Androgen receptor gene knockout male mice exhibit impaired cardiac growth and exacerbation of angiotensin II-induced cardiac fibrosis. <b>2005</b> , 280, 29661-6		112
251	Involvement of aldosterone and mineralocorticoid receptors in rat mesangial cell proliferation and deformability. <i>Hypertension</i> , <b>2005</b> , 45, 710-6	8.5	115
250	Aldosterone stimulates reactive oxygen species production through activation of NADPH oxidase in rat mesangial cells. <b>2005</b> , 16, 2906-12		173
249	Role of NADPH Oxidase in Hypertension and Diabetic Nephropathy. <b>2005</b> , 1, 15-20		11

248	Aldosterone stimulates collagen gene expression and synthesis via activation of ERK1/2 in rat renal fibroblasts. <i>Hypertension</i> , <b>2005</b> , 46, 1039-45	8.5	125
247	Aldosterone stimulates vascular smooth muscle cell proliferation via big mitogen-activated protein kinase 1 activation. <i>Hypertension</i> , <b>2005</b> , 46, 1046-52	8.5	77
246	Aldosterone activates vascular p38MAP kinase and NADPH oxidase via c-Src. <i>Hypertension</i> , <b>2005</b> , 45, 773-9	8.5	204
245	Therapy of chronic renal insufficiency: from renal physiology to cardiovascular outcomes. <i>Therapy: Open Access in Clinical Medicine</i> , <b>2005</b> , 2, 425-437		
244	Eplerenone blocks nongenomic effects of aldosterone on the Na <sup>+</sup> /H <sup>+</sup> exchanger, intracellular Ca <sup>2+</sup> levels, and vasoconstriction in mesenteric resistance vessels. <b>2005</b> , 146, 973-80		112
243	Temporary angiotensin II blockade at the prediabetic stage attenuates the development of renal injury in type 2 diabetic rats. <b>2005</b> , 16, 703-11		107
242	c-Src-dependent nongenomic signaling responses to aldosterone are increased in vascular myocytes from spontaneously hypertensive rats. <i>Hypertension</i> , <b>2005</b> , 46, 1032-8	8.5	82
241	Reactive Oxygen Species, Nitric Oxide and Hypertensive Endothelial Dysfunction. <b>2005</b> , 1, 201-215		9
240	Enhanced aldosterone signaling in the early nephropathy of rats with metabolic syndrome: possible contribution of fat-derived factors. <b>2006</b> , 17, 3438-46		203
239	Augmentation of intrarenal angiotensin II levels in uninephrectomized aldosterone/salt-treated hypertensive rats; renoprotective effects of an ultrahigh dose of olmesartan. <i>Hypertension Research</i> , <b>2006</b> , 29, 169-78	4.7	32
238	Rapid non-genomic vasoconstrictor actions of aldosterone in the renal microcirculation. <b>2006</b> , 102, 170-4		5
237	Aldosterone and the kidney: rapid regulation of renal microcirculation. <b>2006</b> , 71, 281-5		12
236	Molecular mechanisms and therapeutic strategies of chronic renal injury: renoprotective effects of aldosterone blockade. <b>2006</b> , 100, 9-16		52
235	[Metabolic syndrome and aldosterone]. <b>2006</b> , 95, 1726-30		
234	Spironolactone with ACE inhibitor is effective in gross hematuria caused by nephroptosis. <b>2006</b> , 13, 990-2		4
233	Spironolactone ameliorates renal injury and connective tissue growth factor expression in type II diabetic rats. <i>Kidney International</i> , <b>2006</b> , 70, 111-20	9.9	71
232	Interferon-gamma enhances superoxide production in human mesangial cells via the JAK-STAT pathway. <i>Kidney International</i> , <b>2006</b> , 70, 788-93	9.9	22
231	The effect of aldosterone blockade in patients with Alport syndrome. <b>2006</b> , 21, 1824-9		33

230	Aldosterone blockade attenuates urinary monocyte chemoattractant protein-1 and oxidative stress in patients with type 2 diabetes complicated by diabetic nephropathy. <b>2006</b> , 91, 2214-7		89
229	Effects of adrenomedullin on cardiac oxidative stress and collagen accumulation in aldosterone-dependent malignant hypertensive rats. <b>2006</b> , 318, 1323-9		26
228	Addition of the antioxidant probucol to angiotensin II type I receptor antagonist arrests progressive mesangioproliferative glomerulonephritis in the rat. <b>2006</b> , 17, 783-94		38
227	Aldosterone antagonism in chronic kidney disease. <b>2006</b> , 1, 668-77		48
226	Involvements of Rho-kinase and TGF-beta pathways in aldosterone-induced renal injury. <b>2006</b> , 17, 2193-201		99
225	Sustained renal interstitial macrophage infiltration following chronic angiotensin II infusions. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 292, F330-9	4-3	121
224	Aldosterone promotes proximal tubular cell apoptosis: role of oxidative stress. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 293, F1065-71	4-3	58
223	Antagonistic effects of bone morphogenetic protein-4 and -7 on renal mesangial cell proliferation induced by aldosterone through MAPK activation. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 292, F1513-25	4-3	45
222	Mechanisms of disease: The role of aldosterone in kidney damage and clinical benefits of its blockade. <b>2007</b> , 3, 42-9		40
221	Aldosterone-induced EGFR expression: interaction between the human mineralocorticoid receptor and the human EGFR promoter. <b>2007</b> , 292, E1790-800		65
220	Depolarization of the macula densa induces superoxide production via NAD(P)H oxidase. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 292, F1867-72	4-3	39
219	Sodium in Health and Disease. <b>2007</b> ,		3
218	Dual blockade of aldosterone and angiotensin II additively suppresses TGF-beta and NADPH oxidase in the hypertensive kidney. <b>2007</b> , 22, 1314-22		71
217	Angiotensin II receptor type 1-mediated vascular oxidative stress and proinflammatory gene expression in aldosterone-induced hypertension: the possible role of local renin-angiotensin system. <b>2007</b> , 148, 1688-96		90
216	Podocyte as the target for aldosterone: roles of oxidative stress and Sgk1. <i>Hypertension</i> , <b>2007</b> , 49, 355-68.5		270
215	Reactive oxygen species-dependent hypertension in dopamine D2 receptor-deficient mice. <i>Hypertension</i> , <b>2007</b> , 49, 672-8	8,5	58
214	[Molecular mechanism of cardiovascular damage induced by aldosterone]. <b>2007</b> , 127, 1339-46		2
213	[Role of aldosterone in oxidative stress and renal injury]. <b>2007</b> , 127, 1331-7		4

212	Aldosterone as a cardiovascular risk hormone. <b>2007</b> , 54, 359-70		32
211	Aldosterone and end-organ damage. <i>Clinical Science</i> , <b>2007</b> , 113, 267-78	6.5	166
210	Female protection in progressive renal disease is associated with estradiol attenuation of superoxide production. <b>2007</b> , 4, 56-71		54
209	Nox enzymes, ROS, and chronic disease: an example of antagonistic pleiotropy. <b>2007</b> , 43, 332-47		499
208	Aldosterone and glomerular podocyte injury. <b>2008</b> , 12, 233-242		57
207	Aldosterone induces collagen synthesis via activation of extracellular signal-regulated kinase 1 and 2 in renal proximal tubules. <i>Nephrology</i> , <b>2008</b> , 13, 694-701	2.2	10
206	Time-course reduction of renal function in rats on high sodium intake: acute reversal by potassium canrenoate. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2008</b> , 35, 412-5	3	1
205	Aldosterone induces myofibroblastic transdifferentiation and collagen gene expression through the Rho-kinase dependent signaling pathway in rat mesangial cells. <b>2008</b> , 314, 3654-62		34
204	Spironolactone exhibits direct renoprotective effects and inhibits renal renin-angiotensin-aldosterone system in diabetic rats. <b>2008</b> , 589, 264-71		65
203	Synergy of aldosterone and high salt induces vascular smooth muscle hypertrophy through up-regulation of NOX1. <b>2008</b> , 111, 29-36		24
202	Mechanisms underlying sex differences in progressive renal disease. <b>2008</b> , 5, 10-23		35
201	Aldosterone and vascular inflammation. <i>Hypertension</i> , <b>2008</b> , 51, 161-7	8.5	176
200	Chemistry and antihypertensive effects of tempol and other nitroxides. <b>2008</b> , 60, 418-69		285
199	Spironolactone suppresses peritubular capillary loss and prevents deoxycorticosterone acetate/salt-induced tubulointerstitial fibrosis. <i>Hypertension</i> , <b>2008</b> , 51, 749-54	8.5	22
198	The aggravating mechanisms of aldosterone on kidney fibrosis. <b>2008</b> , 19, 1459-62		86
197	Aldosterone induces mesangial cell apoptosis both in vivo and in vitro. <i>American Journal of Physiology - Renal Physiology</i> , <b>2008</b> , 295, F73-81	4.3	36
196	Intermedin ameliorates vascular and renal injury by inhibition of oxidative stress. <i>American Journal of Physiology - Renal Physiology</i> , <b>2008</b> , 295, F1735-43	4.3	37
195	Does increased oxidative stress cause hypertension?. <b>2008</b> , 31 Suppl 2, S185-9		112

194	Aldosterone-stimulated SGK1 activity mediates profibrotic signaling in the mesangium. <b>2008</b> , 19, 298-309		58
193	History of hypertension and eplerenone in patients with acute myocardial infarction complicated by heart failure. <i>Hypertension</i> , <b>2008</b> , 52, 271-8	8.5	21
192	Possible underlying mechanisms responsible for aldosterone and mineralocorticoid receptor-dependent renal injury. <b>2008</b> , 108, 399-405		47
191	Novel Therapeutic Targets for the Treatment of Tubulointerstitial Fibrosis. <b>2008</b> , 3, 97-111		4
190	Strict angiotensin blockade prevents the augmentation of intrarenal angiotensin II and podocyte abnormalities in type 2 diabetic rats with microalbuminuria. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 1849-59	1.9	37
189	Expression of NAD(P)H oxidase subunits and their contribution to cardiovascular damage in aldosterone/salt-induced hypertensive rat. <b>2008</b> , 23, 1039-45		26
188	Aldosterone and progression of kidney disease. <b>2009</b> , 3, 133-43		12
187	Peritoneal mesothelial cells as a target of local aldosterone action: upregulation of connective tissue growth factor expression via serum- and glucocorticoid-inducible protein kinase 1. <b>2009</b> , 32, 151-60		8
186	Differential effects of 17beta-estradiol and of synthetic progestins on aldosterone-salt-induced kidney disease. <b>2009</b> , 37, 969-82		16
185	Aldosterone in clinical nephrology--old hormone, new questions. <b>2009</b> , 24, 2316-21		7
184	Mineralocorticoid receptor activation in obesity hypertension. <i>Hypertension Research</i> , <b>2009</b> , 32, 649-57	4.7	37
183	Low-density lipoprotein apheresis for haemodialysis patients with peripheral arterial disease reduces reactive oxygen species production via suppression of NADPH oxidase gene expression in leucocytes. <b>2009</b> , 24, 3818-25		14
182	Actions of aldosterone in the cardiovascular system: the good, the bad, and the ugly?. <b>2009</b> , 458, 231-46		59
181	Role of aldosterone in the progression of chronic kidney disease and potential use of aldosterone blockade in children. <b>2009</b> , 24, 2301-7		6
180	Epidemiologic and pathophysiologic links between obesity and hypertension. <b>2009</b> , 3, 264-271		2
179	Endothelial progenitor cells and their potential clinical implication in cardiovascular disorders. <b>2009</b> , 32, 370-82		13
178	Inhibition of hepatic stellate cells proliferation by mesenchymal stem cells and the possible mechanisms. <b>2009</b> , 39, 1219-28		35
177	Inhibitory effects of a dihydropyridine calcium channel blocker on renal injury in aldosterone-infused rats. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 1855-62	1.9	16

176	Drug discovery for overcoming chronic kidney disease (CKD): pharmacological effects of mineralocorticoid-receptor blockers. <b>2009</b> , 109, 1-6		27
175	[Kidney diseases and mineralocorticoid receptor]. <b>2009</b> , 98, 2894-902		
174	Molecular mechanisms of hypertension: role of Nox family NADPH oxidases. <b>2009</b> , 18, 122-7		120
173	Involvement of mineralocorticoid receptor in high glucose-induced big mitogen-activated protein kinase 1 activation and mesangial cell proliferation. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 536-42	1.9	9
172	Aldosterone and inflammation. <b>2010</b> , 17, 199-204		97
171	Effects of tempol and redox-cycling nitroxides in models of oxidative stress. <b>2010</b> , 126, 119-45		319
170	Protein kinase C-delta is involved in induction of NOX1 gene expression by aldosterone in rat vascular smooth muscle cells. <b>2010</b> , 75, 304-9		8
169	Effects of mineralocorticoid and angiotensin II receptor blockers on proteinuria and glomerular podocyte protein expression in a model of minimal change nephrotic syndrome. <i>Nephrology</i> , <b>2010</b> , 15, 321-6	2.2	17
168	Superoxide anion and hydrogen peroxide-induced signaling and damage in angiotensin II and aldosterone action. <b>2010</b> , 391, 1265-79		29
167	Mineralocorticoid receptor blockade enhances the antiproteinuric effect of an angiotensin II blocker through inhibiting podocyte injury in type 2 diabetic rats. <b>2010</b> , 332, 1072-80		40
166	Oxidative stress and endothelial dysfunction in aortas of aged spontaneously hypertensive rats by NOX1/2 is reversed by NADPH oxidase inhibition. <i>Hypertension</i> , <b>2010</b> , 56, 490-7	8.5	132
165	Total antioxidant status and oxidative DNA damage in a South Indian population of essential hypertensives. <b>2010</b> , 24, 475-82		16
164	High-salt intake enhances superoxide activity in eNOS knockout mice leading to the development of salt sensitivity. <i>American Journal of Physiology - Renal Physiology</i> , <b>2010</b> , 299, F656-63	4.3	36
163	Mineralocorticoid receptor activation contributes to salt-induced hypertension and renal injury in prepubertal Dahl salt-sensitive rats. <b>2010</b> , 25, 2879-89		21
162	Aldosterone: effects on the kidney and cardiovascular system. <b>2010</b> , 6, 261-73		233
161	Protein kinase D stabilizes aldosterone-induced ERK1/2 MAP kinase activation in M1 renal cortical collecting duct cells to promote cell proliferation. <b>2010</b> , 118, 18-28		28
160	Role of Rho kinase and oxidative stress in cardiac fibrosis induced by aldosterone and salt in angiotensin type 1a receptor knockout mice. <b>2010</b> , 160, 133-9		24
159	Vasculoprotective effect of cilostazol in aldosterone-induced hypertensive rats. <i>Hypertension Research</i> , <b>2010</b> , 33, 229-35	4.7	11

158	The regulation of cell growth and survival by aldosterone. <b>2011</b> , 16, 440-57		18
157	Endocrinological aspects of proteinuria and podocytopathy in diabetes: role of the aldosterone/mineralocorticoid receptor system. <b>2011</b> , 7, 8-16		7
156	Structural, functional, and molecular alterations produced by aldosterone plus salt in rat heart: association with enhanced serum and glucocorticoid-regulated kinase-1 expression. <b>2011</b> , 57, 114-21		17
155	Effects of mineralocorticoid receptor blockade on glucocorticoid-induced renal injury in adrenalectomized rats. <i>Journal of Hypertension</i> , <b>2011</b> , 29, 290-8	1.9	40
154	Matrix metalloproteinase 2 induces epithelial-mesenchymal transition in proximal tubules from the luminal side and progresses fibrosis in mineralocorticoid/salt-induced hypertensive rats. <i>Journal of Hypertension</i> , <b>2011</b> , 29, 2440-53	1.9	12
153	Aldosterone as a modulator of immunity: implications in the organ damage. <i>Journal of Hypertension</i> , <b>2011</b> , 29, 1684-92	1.9	48
152	Pre-clinical data on the role of mineralocorticoid receptor antagonists in reversing vascular inflammation. <b>2011</b> , 13, B15-B20		1
151	Activation of Src-ATF1 pathway is involved in upregulation of Nox1, a catalytic subunit of NADPH oxidase, by aldosterone. <b>2011</b> , 58, 491-9		13
150	The Western-style diet: a major risk factor for impaired kidney function and chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , <b>2011</b> , 301, F919-31	4.3	143
149	Pathophysiological roles of aldosterone and mineralocorticoid receptor in the kidney. <b>2011</b> , 115, 1-7		38
148	Association of plasma aldosterone with cardiovascular mortality in patients with low estimated GFR: the Ludwigshafen Risk and Cardiovascular Health (LURIC) Study. <b>2011</b> , 57, 403-14		37
147	The role of aldosterone in the metabolic syndrome. <b>2011</b> , 13, 163-72		67
146	Oxidative damages in tubular epithelial cells in IgA nephropathy: role of crosstalk between angiotensin II and aldosterone. <b>2011</b> , 9, 169		22
145	Disparate effects of eplerenone, amlodipine and telmisartan on podocyte injury in aldosterone-infused rats. <b>2011</b> , 26, 789-99		18
144	Mineralocorticoid receptor antagonism: therapeutic potential in acute heart failure syndromes. <b>2011</b> , 32, 2626-33		32
143	Aldosterone/Mineralocorticoid receptor stimulation induces cellular senescence in the kidney. <b>2011</b> , 152, 680-8		39
142	Chronic angiotensin receptor blockade suppresses intracardiac angiotensin II in angiotensin II-infused rats. <b>2011</b> , 236, 1449-53		3
141	Eplerenone suppresses aldosterone/ salt-induced expression of NOX-4. <b>2011</b> , 12, 195-201		26



140	Induction of oxidative stress in kidney. <b>2012</b> , 2012, 465897		195
139	From form to function: the role of Nox4 in the cardiovascular system. <b>2012</b> , 3, 412		108
138	Eplerenone inhibits aldosterone-induced renal expression of cyclooxygenase. <b>2012</b> , 13, 353-9		3
137	Role of mineralocorticoid receptor/Rho/Rho-kinase pathway in obesity-related renal injury. <b>2012</b> , 36, 1062-71		26
136	Enhanced expression of bone morphogenetic protein system in aldosterone-treated mouse kidneys. <i>Hypertension Research</i> , <b>2012</b> , 35, 312-7	4-7	6
135	Spironolactone improves nephropathy by enhancing glucose-6-phosphate dehydrogenase activity and reducing oxidative stress in diabetic hypertensive rat. <b>2012</b> , 13, 56-66		28
134	Natriuretic peptide receptor guanylyl cyclase-A protects podocytes from aldosterone-induced glomerular injury. <b>2012</b> , 23, 1198-209		50
133	Renal sympathetic denervation suppresses de novo podocyte injury and albuminuria in rats with aortic regurgitation. <b>2012</b> , 125, 1402-13		91
132	Failure to downregulate the epithelial sodium channel causes salt sensitivity in Hsd11b2 heterozygote mice. <i>Hypertension</i> , <b>2012</b> , 60, 684-90	8.5	20
131	Aldosterone does not contribute to renal p21 expression during the development of angiotensin II-induced hypertension in mice. <i>American Journal of Hypertension</i> , <b>2012</b> , 25, 354-8	2.3	3
130	Antihypertensive and cardiorenal protective effects of SM-368229, a novel mineralocorticoid receptor antagonist, in aldosterone/salt-treated rats. <b>2012</b> , 89, 44-52		19
129	Long-term mineralocorticoid receptor blockade ameliorates progression of experimental diabetic renal disease. <b>2012</b> , 27, 906-12		20
128	Mineralocorticoid receptor--Rac1 activation and oxidative stress play major roles in salt-induced hypertension and kidney injury in prepubertal rats. <i>Journal of Hypertension</i> , <b>2012</b> , 30, 1977-85	1.9	28
127	[Mechanisms responsible for the renoprotective effects of renin-angiotensin inhibitors]. <b>2012</b> , 132, 455-9		3
126	N-type calcium channel inhibition with cilnidipine elicits glomerular podocyte protection independent of sympathetic nerve inhibition. <b>2012</b> , 119, 359-67		10
125	Add-on aliskiren elicits stronger renoprotection than high-dose valsartan in type 2 diabetic KKAY mice that do not respond to low-dose valsartan. <b>2012</b> , 119, 131-8		11
124	Aldosterone induces p21-regulated apoptosis via increased synthesis and secretion of tumour necrosis factor- $\alpha$ in human proximal tubular cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 858-863	3	11
123	PVN adenovirus-siRNA injections silencing either NOX2 or NOX4 attenuate aldosterone/NaCl-induced hypertension in mice. <b>2012</b> , 302, H733-41		36

122	Lipid peroxidation the levels of antioxidant enzymes in hypertension. <b>2012</b> , 2, 12-18	5
121	Chronic inhibition of nuclear factor kappa B attenuates aldosterone/salt-induced renal injury. <b>2012</b> , 90, 600-6	23
120	The new role of LOX-1 in hypertension induced neuronal apoptosis. <b>2012</b> , 425, 735-40	21
119	Biochemistry, physiology, and pathophysiology of NADPH oxidases in the cardiovascular system. <b>2012</b> , 110, 1364-90	574
118	Pendrin protein abundance in the kidney is regulated by nitric oxide and cAMP. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 303, F812-20	4-3 8
117	The antioxidant tempol ameliorates arterial medial calcification in uremic rats: important role of oxidative stress in the pathogenesis of vascular calcification in chronic kidney disease. <b>2012</b> , 27, 474-85	81
116	Prevention of salt-induced renal injury by activation of NAD(P)H:quinone oxidoreductase 1, associated with NADPH oxidase. <b>2012</b> , 52, 880-8	37
115	Aldosterone, oxidative stress, and NF- $\kappa$ B activation in hypertension-related cardiovascular and renal diseases. <b>2012</b> , 53, 314-27	42
114	Cisplatin-induced acute renal failure in mice is mediated by chymase-activated angiotensin-aldosterone system and interleukin-18. <b>2012</b> , 685, 149-55	21
113	Role of the renin-angiotensin-aldosterone system in the enhancement of salt sensitivity caused by prenatal protein restriction in stroke-prone spontaneously hypertensive rats. <b>2012</b> , 23, 892-9	10
112	Mineralocorticoid receptors in vascular function and disease. <b>2012</b> , 350, 256-65	120
111	Tissue-specific modulation of mineralocorticoid receptor function by 11 $\beta$ hydroxysteroid dehydrogenases: an overview. <b>2012</b> , 350, 168-86	117
110	Mechanisms of mineralocorticoid salt-induced hypertension and cardiac fibrosis. <b>2012</b> , 350, 248-55	51
109	Aldosterone stimulates nuclear factor-kappa B activity and transcription of intercellular adhesion molecule-1 and connective tissue growth factor in rat mesangial cells via serum- and glucocorticoid-inducible protein kinase-1. <b>2012</b> , 16, 81-8	45
108	Aldosterone stimulates fibronectin synthesis in renal fibroblasts through mineralocorticoid receptor-dependent and independent mechanisms. <b>2013</b> , 531, 23-30	29
107	Antioxidant N-acetylcysteine protects pancreatic $\beta$ cells against aldosterone-induced oxidative stress and apoptosis in female db/db mice and insulin-producing MIN6 cells. <b>2013</b> , 154, 4068-77	29
106	Blood pressure has only minor influence on aldosterone-induced oxidative stress and DNA damage in vivo. <b>2013</b> , 54, 17-25	29
105	Opportunity nox: the future of NADPH oxidases as therapeutic targets in cardiovascular disease. <b>2013</b> , 31, 125-37	52

104	Aldosterone aggravates glucose intolerance induced by high fructose. <b>2013</b> , 720, 63-8		16
103	Effects of imperatorin, the active component from Radix Angelicae (Baizhi), on the blood pressure and oxidative stress in 2K,1C hypertensive rats. <b>2013</b> , 20, 1048-54		44
102	Reactive oxygen species, Nox and angiotensin II in angiogenesis: implications for retinopathy. <i>Clinical Science</i> , <b>2013</b> , 124, 597-615	6.5	106
101	Direct contribution of vascular mineralocorticoid receptors to blood pressure regulation. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2013</b> , 40, 902-9	3	16
100	Mineralocorticoid receptor blockade reduced oxidative stress in renal transplant recipients: a double-blind, randomized pilot study. <b>2013</b> , 37, 481-90		27
99	Interaction between nitric oxide and superoxide in the macula densa in aldosterone-induced alterations of tubuloglomerular feedback. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 304, F326-32	4.3	14
98	Nitric oxide reduces Cl <sup>-</sup> absorption in the mouse cortical collecting duct through an ENaC-dependent mechanism. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 304, F1390-7	4.3	18
97	Rho kinase pathway is likely responsible for the profibrotic actions of aldosterone in renal epithelial cells via inducing epithelial-mesenchymal transition and extracellular matrix excretion. <b>2013</b> , 37, 725-30		14
96	Reduction of aldosterone production improves renal oxidative stress and fibrosis in diabetic rats. <b>2013</b> , 61, 17-22		19
95	Beneficial effects of proanthocyanidins in the cardiac alterations induced by aldosterone in rat heart through mineralocorticoid receptor blockade. <b>2014</b> , 9, e111104		10
94	Relevance of SGK1 in structural, functional and molecular alterations produced by aldosterone in heart. <b>2014</b> , 18, 53-61		5
93	Ginsenoside Rg1 protects mouse podocytes from aldosterone-induced injury in vitro. <b>2014</b> , 35, 513-22		21
92	Cerebral oxidative stress induces spatial working memory dysfunction in uremic mice: neuroprotective effect of tempol. <b>2014</b> , 29, 529-38		53
91	Contributions of endoplasmic reticulum stress and reactive oxygen species to renal injury in aldosterone/salt-induced rats. <b>2014</b> , 126, 25-32		8
90	Telmisartan reduces progressive oxidative stress and phosphorylated $\beta$ -synuclein accumulation in stroke-resistant spontaneously hypertensive rats after transient middle cerebral artery occlusion. <b>2014</b> , 23, 1554-63		15
89	Spironolactone decreases DOCA-salt-induced organ damage by blocking the activation of T helper 17 and the downregulation of regulatory T lymphocytes. <i>Hypertension</i> , <b>2014</b> , 63, 797-803	8.5	126
88	Oxidative stress and organ damages. <b>2014</b> , 16, 452		44
87	Metabolic acidosis and the progression of chronic kidney disease. <b>2014</b> , 15, 55		48

86	Aldosterone blockade in chronic kidney disease. <b>2014</b> , 34, 307-22		18
85	Oxidative stress in hypertension: role of the kidney. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 20, 74-101	8.4	127
84	Analysis of differentially expressed genes in cold-exposed mice to investigate the potential causes of cold-induced hypertension. <b>2014</b> , 8, 110-114		6
83	Salt intake and mental distress among rural community-dwelling Japanese men. <b>2015</b> , 34, 26		5
82	Angiotensin and mineralocorticoid receptor antagonism attenuates cardiac oxidative stress in angiotensin II-infused rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2015</b> , 42, 1178-88	3	13
81	Modulation of Immunity and Inflammation by the Mineralocorticoid Receptor and Aldosterone. <b>2015</b> , 2015, 652738		28
80	Iron restriction inhibits renal injury in aldosterone/salt-induced hypertensive mice. <i>Hypertension Research</i> , <b>2015</b> , 38, 317-22	4-7	11
79	Finerenone : third-generation mineralocorticoid receptor antagonist for the treatment of heart failure and diabetic kidney disease. <b>2015</b> , 24, 1123-35		40
78	Oxidative stress, oxidative balance score, and hypertension among a racially diverse population. <b>2015</b> , 9, 592-9		16
77	Human liver-type fatty acid-binding protein protects against tubulointerstitial injury in aldosterone-induced renal injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 308, F114-21	4-3	10
76	Safety and Antihypertensive Effect of Selara <sup>®</sup> (Eplerenone): Results from a Postmarketing Surveillance in Japan. <b>2016</b> , 2016, 5091951		8
75	Pitavastatin Exhibits Protective Effects on Podocytes Accompanied by BMP-7 Up-Regulation and Rho Suppression. <b>2016</b> , 97, 265-76		11
74	A serine protease inhibitor attenuates aldosterone-induced kidney injuries via the suppression of plasmin activity. <b>2016</b> , 132, 145-153		4
73	Current Understanding of the Pathogenesis of Progressive Chronic Kidney Disease in Cats. <b>2016</b> , 46, 1015-48		25
72	CS-3150, a Novel Nonsteroidal Mineralocorticoid Receptor Antagonist, Shows Preventive and Therapeutic Effects On Renal Injury in Deoxycorticosterone Acetate/Salt-Induced Hypertensive Rats. <b>2016</b> , 358, 548-57		39
71	Epidermal growth factor receptor signaling mediates aldosterone-induced profibrotic responses in kidney. <b>2016</b> , 346, 99-110		20
70	Antihypertensive effects of fargesin in vitro and in vivo via attenuating oxidative stress and promoting nitric oxide release. <b>2016</b> , 94, 900-6		9
69	Selective Synthesis of Partially Protected d-Talopyranosides and d-Gulopyranosides via Catalytic Asymmetric Dihydroxylation: Multiplier Effects of Substrate Control and Catalyst Control. <b>2016</b> , 18, 6058-6061 <sup>1</sup>		

68	NADPH oxidases and vascular remodeling in cardiovascular diseases. <b>2016</b> , 114, 110-120		88
67	Age-related changes in hypertensive brain damage in the hippocampi of spontaneously hypertensive rats. <i>Molecular Medicine Reports</i> , <b>2016</b> , 13, 2552-60	2.9	13
66	Effects of p53 on aldosterone-induced mesangial cell apoptosis in vivo and in vitro. <i>Molecular Medicine Reports</i> , <b>2016</b> , 13, 5102-8	2.9	6
65	Alteration of amiloride-sensitive salt taste nerve responses in aldosterone/NaCl-induced hypertensive rats. <i>Neuroscience Research</i> , <b>2016</b> , 108, 60-6	2.9	14
64	The Role of Aldosterone in Obesity-Related Hypertension. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 415-23	2.3	78
63	Aldosterone activates the oncogenic signals ERK1/2 and STAT3 via redox-regulated mechanisms. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 1868-1883	5	6
62	Natriuretic peptide receptor guanylyl cyclase-A pathway counteracts glomerular injury evoked by aldosterone through p38 mitogen-activated protein kinase inhibition. <i>Scientific Reports</i> , <b>2017</b> , 7, 46624	4.9	12
61	Alterations in the long non-coding RNA transcriptome in mesangial cells treated with aldosterone in vitro. <i>Molecular Medicine Reports</i> , <b>2017</b> , 16, 6004-6012	2.9	2
60	Microvesicles derived from human Wharton's Jelly mesenchymal stem cells ameliorate ischemia-reperfusion-induced renal fibrosis by releasing from G2/M cell cycle arrest. <i>Biochemical Journal</i> , <b>2017</b> , 474, 4207-4218	3.8	20
59	Nitroxides as Antioxidants and Anticancer Drugs. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	53
58	Prevalence of Cardiovascular Disease and Its Risk Factors in Primary Aldosteronism: A Multicenter Study in Japan. <i>Hypertension</i> , <b>2018</b> , 71, 530-537	8.5	81
57	Nitrolipids in kidney physiology and disease. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2018</b> , 78, 121-121	5	7
56	Effects of Diesel Exhaust on Cardiovascular Function and Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , <b>2018</b> , 28, 819-836	8.4	33
55	In vitro and in vivo study of the expression of the Syk/Ras/c-Fos pathway in chronic glomerulonephritis. <i>Molecular Medicine Reports</i> , <b>2018</b> , 18, 3683-3690	2.9	4
54	Effects of drought stress on photosynthesis and photosynthetic electron transport chain in young apple tree leaves. <i>Biology Open</i> , <b>2018</b> , 7,	2.2	78
53	Serum-soluble (pro)renin receptor concentration as a biomarker for organ damage in primary aldosteronism. <i>Hypertension Research</i> , <b>2019</b> , 42, 1951-1960	4.7	4
52	Role of Aldosterone in Renal Fibrosis. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1165, 325-346	4.6	19
51	Spironolactone reduces oxidative stress in living donor kidney transplantation: a randomized controlled trial. <i>American Journal of Physiology - Renal Physiology</i> , <b>2019</b> , 317, F519-F528	4.3	5

50	Role of Aldosterone and Mineralocorticoid Receptor in Cardiovascular Aging. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 584	5.7	26
49	Diverse associations between oxidative stress and thromboxane A in hypertensive glomerular injury. <i>Hypertension Research</i> , <b>2019</b> , 42, 450-458	4.7	6
48	Effect of a novel nonsteroidal selective mineralocorticoid receptor antagonist, esaxerenone (CS-3150), on blood pressure and renal injury in high salt-treated type 2 diabetic mice. <i>Hypertension Research</i> , <b>2019</b> , 42, 892-902	4.7	17
47	Mineralocorticoid receptor antagonists and kidney diseases: pathophysiological basis. <i>Kidney International</i> , <b>2019</b> , 96, 302-319	9.9	81
46	The effect of fludrocortisone on the uterine receptivity partially mediated by ERK1/2-mTOR pathway. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 20098-20110	7	6
45	Potential Benefit of Mineralocorticoid Receptor Antagonists in Kidney Diseases. <b>2019</b> ,		
44	Nitroxide Functionalized Antibiotics Are Promising Eradication Agents against Staphylococcus aureus Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 64,	5.9	7
43	Effects of the novel nonsteroidal mineralocorticoid receptor blocker, esaxerenone (CS-3150), on blood pressure and urinary angiotensinogen in low-renin Dahl salt-sensitive hypertensive rats. <i>Hypertension Research</i> , <b>2019</b> , 42, 769-778	4.7	16
42	The Race to Bash NASH: Emerging Targets and Drug Development in a Complex Liver Disease. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 5031-5073	8.3	35
41	Hormones and oxidative stress: an overview. <i>Free Radical Research</i> , <b>2020</b> , 54, 1-26	4	48
40	Aldosterone and the mineralocorticoid receptor in renal injury: A potential therapeutic target in feline chronic kidney disease. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2020</b> , 43, 243-267	1.4	7
39	Selective Synthesis of Some Aminosugars via Catalytic Aminohydroxylation of Protected 2,3-Unsaturated d-Gluco- and d-Galacto-2-hexenopyranosides. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 9179-9189	4.2	2
38	Role of mineralocorticoid receptor antagonists in kidney diseases. <i>Drug Development Research</i> , <b>2021</b> , 82, 341-363	5.1	13
37	microRNA-363-3p reduces endothelial cell inflammatory responses in coronary heart disease via inactivation of the -dependent p38 MAPK axis. <i>Aging</i> , <b>2021</b> , 13, 11061-11082	5.6	5
36	Sodium-glucose cotransporter-2 inhibitors and non-steroidal mineralocorticoid receptor antagonists: Ushering in a new era of nephroprotection beyond renin-angiotensin system blockade. <i>Nephrology</i> , <b>2021</b> , 26, 858-871	2.2	2
35	Sex-related response in mice after sub-acute intraperitoneal exposure to silver nanoparticles.. <i>NanoImpact</i> , <b>2021</b> , 23, 100340	5.6	3
34	Glomerular Mesangial Cell pH Homeostasis Mediates Mineralocorticoid Receptor-Induced Cell Proliferation. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	0
33	Renin-Angiotensin System in the Kidney and Oxidative Stress: Local Renin-Angiotensin-Aldosterone System and NADPH Oxidase-Dependent Oxidative Stress in the Kidney. <b>2011</b> , 71-91		2

32	Role of bardoxolone methyl, a nuclear factor erythroid 2-related factor 2 activator, in aldosterone- and salt-induced renal injury. <i>Hypertension Research</i> , <b>2018</b> , 41, 8-17	4.7	16
31	The growth factor midkine regulates the renin-angiotensin system in mice. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 1616-25	15.9	64
30	Rac1 GTPase in rodent kidneys is essential for salt-sensitive hypertension via a mineralocorticoid receptor-dependent pathway. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 3233-43	15.9	155
29	Elevation of Oxidative Stress and Decline in Endogenous Antioxidant Defense in Elderly Individuals with Hypertension. <i>Journal of Clinical and Diagnostic Research JCDR</i> , <b>2017</b> , 11, BC09-BC12	0	7
28	????????(????2004????). <i>Journal of JCS Cardiologists</i> , <b>2005</b> , 13, 109-114	0.1	
27	Drug-induced Alterations of Sodium Balance: The Example of Nonsteroidal Anti-inflammatory Agents. <b>2007</b> , 399-414		
26	3.?????????????????????. <i>Japanese Journal of Clinical Pharmacology and Therapeutics</i> , <b>2009</b> , 40, 47S-48S	0	
25	5. RAS????????????????????CKD??. <i>Japanese Journal of Clinical Pharmacology and Therapeutics</i> , <b>2011</b> , 42, 193-194		
24	Unpuzzling the Comorbid Type 2 Diabetes and Hypertension-Related Cognitive Dysfunction and Stroke. <i>Springer Series in Translational Stroke Research</i> , <b>2017</b> , 711-731	0.1	1
23	Comparison of the shortened and standard saline infusion tests for primary aldosteronism diagnostics. <i>Hypertension Research</i> , <b>2020</b> , 43, 1113-1121	4.7	0
22	[PLASMA RENIN ACTIVITY AND ALDOSTERONE IN RENAL TRANSPLANT PATIENTS]. <i>Japanese Journal of Urology</i> , <b>2020</b> , 111, 74-81		0
21	Therapy of chronic renal insufficiency: from renal physiology to cardiovascular outcomes. <i>Therapy: Open Access in Clinical Medicine</i> , <b>2005</b> , 2, 425-437		
20	Aldosterone induces p21-regulated apoptosis via increased synthesis and secretion of tumour necrosis factor- $\alpha$ in human proximal tubular cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 858-63	3	7
19	Spirolactone inhibits NADPH oxidase-induced oxidative stress and enhances eNOS in human endothelial cells. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2011</b> , 10, 329-37	1.1	18
18	Higher aldosterone is associated with increased renal impairment risk in patients with hypertension and abnormal glucose metabolism: a longitudinal study. <i>Journal of Hypertension</i> , <b>2021</b> ,	1.9	0
17	Obesity and Cardiometabolic Risk Factors: From Childhood to Adulthood. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	17
16	Improving the residual risk of renal and cardiovascular outcomes in diabetic kidney disease: A review of pathophysiology, mechanisms, and evidence from recent trials. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> ,	6.7	6
15	Cerebro-Cardiovascular Risk, Target Organ Damage, and Treatment Outcomes in Primary Aldosteronism.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 798364	5.4	1

14	Modifying chronic kidney disease progression with the mineralocorticoid receptor antagonist finerenone in patients with type 2 diabetes.. <i>Diabetes, Obesity and Metabolism</i> , <b>2022</b> ,	6.7	0
13	A case of a pregnant woman with primary aldosteronism and superimposed preeclampsia treated with esaxerenone. <i>Journal of the Endocrine Society</i> ,	0.4	0
12	Biglycan Is a Novel Mineralocorticoid Receptor Target Involved in Aldosterone/Salt-Induced Glomerular Injury. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6680	6.3	
11	Cardiovascular and Renal Outcomes with Finerenone, a Selective Mineralocorticoid Receptor Antagonist. <i>Cardiology and Therapy</i> ,	2.8	0
10	The non-steroidal mineralocorticoid receptor antagonist finerenone is a novel therapeutic option for patients with Type 2 diabetes and chronic kidney disease. <i>Clinical Science</i> , <b>2022</b> , 136, 1005-1017	6.5	0
9	The Diabetic Cardiorenal Nexus. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 7351	6.3	1
8	Nonsteroidal Mineralocorticoid Receptor Antagonism by Finerenone—Translational Aspects and Clinical Perspectives across Multiple Organ Systems. <b>2022</b> , 23, 9243		1
7	Cellular Senescence in Metabolic-Associated Kidney Disease: An Update. <b>2022</b> , 11, 3443		0
6	Screening for unilateral aldosteronism should be combined with the maximum systolic blood pressure, history of stroke and typical nodules. <b>2022</b> , 101, e31313		0
5	Hypertension in chronic kidney disease: What lies behind the scene. 13,		2
4	Hormone-linked redox status and its modulation by antioxidants. <b>2023</b> ,		0
3	The Role of Macula Densa Nitric Oxide Synthase 1 Beta Splice Variant in Modulating Tubuloglomerular Feedback. 4215-4229		0
2	The Effect of Aldosterone on Cardiorenal and Metabolic Systems. <b>2023</b> , 24, 5370		0
1	Pathophysiological Impact of the MEK5/ERK5 Pathway in Oxidative Stress. <b>2023</b> , 12, 1154		0