

Mark C Chappell

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134
papers

10,727
citations

46
h-index

103
g-index

161
ext. papers

12,142
ext. citations

4.7
avg, IF

6.42
L-index

#	Paper	IF	Citations
134	A crucial role of angiotensin converting enzyme 2 (ACE2) in SARS coronavirus-induced lung injury. <i>Nature Medicine</i> , 2005 , 11, 875-9	50.5	2294
133	Angiotensin-converting enzyme 2 is an essential regulator of heart function. <i>Nature</i> , 2002 , 417, 822-8	50.4	1345
132	Effect of angiotensin-converting enzyme inhibition and angiotensin II receptor blockers on cardiac angiotensin-converting enzyme 2. <i>Circulation</i> , 2005 , 111, 2605-10	16.7	1135
131	COVID-19, ACE2, and the cardiovascular consequences. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 318, H1084-H1090	5.2	411
130	Metabolism of angiotensin-(1-7) by angiotensin-converting enzyme. <i>Hypertension</i> , 1998 , 31, 362-7	8.5	242
129	Estrogen regulation of angiotensin-converting enzyme mRNA. <i>Hypertension</i> , 1999 , 33, 323-8	8.5	227
128	Ectodomain shedding of angiotensin converting enzyme 2 in human airway epithelia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009 , 297, L84-96	5.8	222
127	Attenuation of pulmonary ACE2 activity impairs inactivation of des-Arg bradykinin/BKB1R axis and facilitates LPS-induced neutrophil infiltration. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 314, L17-L31	5.8	220
126	Effects of renin-angiotensin system blockade on renal angiotensin-(1-7) forming enzymes and receptors. <i>Kidney International</i> , 2005 , 68, 2189-96	9.9	198
125	Emerging evidence for a functional angiotensin-converting enzyme 2-angiotensin-(1-7)-MAS receptor axis: more than regulation of blood pressure?. <i>Hypertension</i> , 2007 , 50, 596-9	8.5	170
124	Biochemical evaluation of the renin-angiotensin system: the good, bad, and absolute?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H137-52	5.2	162
123	Angiotensin-(1-7) prevents activation of NADPH oxidase and renal vascular dysfunction in diabetic hypertensive rats. <i>American Journal of Nephrology</i> , 2008 , 28, 25-33	4.6	161
122	Converting enzyme determines plasma clearance of angiotensin-(1-7). <i>Hypertension</i> , 1998 , 32, 496-502	8.5	154
121	Update on the Angiotensin converting enzyme 2-Angiotensin (1-7)-MAS receptor axis: fetal programming, sex differences, and intracellular pathways. <i>Frontiers in Endocrinology</i> , 2014 , 4, 201	5.7	136
120	Angiotensin metabolism in renal proximal tubules, urine, and serum of sheep: evidence for ACE2-dependent processing of angiotensin II. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, F82-91	4.3	115
119	Effect of angiotensin II blockade on a new congenic model of hypertension derived from transgenic Ren-2 rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H2166-72	5.2	108
118	Novel roles of nuclear angiotensin receptors and signaling mechanisms. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R518-30	3.2	104

117	Angiotensin-(1-7)-angiotensin-converting enzyme 2 attenuates reactive oxygen species formation to angiotensin II within the cell nucleus. <i>Hypertension</i> , 2010 , 55, 166-71	8.5	103
116	Pathways for angiotensin-(1-7) metabolism in pulmonary and renal tissues. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 279, F841-50	4.3	100
115	Chymase-dependent generation of angiotensin II from angiotensin-(1-12) in human atrial tissue. <i>PLoS ONE</i> , 2011 , 6, e28501	3.7	94
114	Sex differences in circulating and renal angiotensins of hypertensive mRen(2). Lewis but not normotensive Lewis rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 295, H10-20	5.2	92
113	Differential expression of nuclear AT1 receptors and angiotensin II within the kidney of the male congenic mRen2. Lewis rat. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 290, F1497-506	4.3	91
112	Evidence that prolyl endopeptidase participates in the processing of brain angiotensin. <i>Journal of Hypertension</i> , 1991 , 9, 631-8	1.9	87
111	Differential actions of renal ischemic injury on the intrarenal angiotensin system. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 279, F636-45	4.3	86
110	Vasopeptidase inhibition and Ang-(1-7) in the spontaneously hypertensive rat. <i>Kidney International</i> , 2002 , 62, 1349-57	9.9	80
109	Nonclassical renin-angiotensin system and renal function. <i>Comprehensive Physiology</i> , 2012 , 2, 2733-52	7.7	79
108	Estrogen receptor GPR30 reduces oxidative stress and proteinuria in the salt-sensitive female mRen2.Lewis rat. <i>Hypertension</i> , 2011 , 58, 665-71	8.5	79
107	Angiotensin-(1-12) is an alternate substrate for angiotensin peptide production in the heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H2242-7	5.2	75
106	Evidence that prostaglandins mediate the antihypertensive actions of angiotensin-(1-7) during chronic blockade of the renin-angiotensin system. <i>Journal of Cardiovascular Pharmacology</i> , 2000 , 36, 109-17	3.1	74
105	Major role for ACE-independent intrarenal ANG II formation in type II diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 298, F37-48	4.3	72
104	The angiotensin II-AT1 receptor stimulates reactive oxygen species within the cell nucleus. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 384, 149-54	3.4	71
103	Vasodilation by GPER in mesenteric arteries involves both endothelial nitric oxide and smooth muscle cAMP signaling. <i>Steroids</i> , 2014 , 81, 99-102	2.8	68
102	Alterations in circulatory and renal angiotensin-converting enzyme and angiotensin-converting enzyme 2 in fetal programmed hypertension. <i>Hypertension</i> , 2009 , 53, 404-8	8.5	68
101	Nuclear angiotensin II type 2 (AT2) receptors are functionally linked to nitric oxide production. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, F1484-93	4.3	66
100	Injections of angiotensin-converting enzyme 2 inhibitor MLN4760 into nucleus tractus solitarii reduce baroreceptor reflex sensitivity for heart rate control in rats. <i>Experimental Physiology</i> , 2008 , 93, 694-700	2.4	66

99	Nuclear angiotensin-(1-7) receptor is functionally coupled to the formation of nitric oxide. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 299, F983-90	4.3	64
98	Localization of the novel angiotensin peptide, angiotensin-(1-12), in heart and kidney of hypertensive and normotensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H2614-8	5.2	64
97	Differential regulation of angiotensin-(1-12) in plasma and cardiac tissue in response to bilateral nephrectomy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H1184-92	5.2	63
96	Angiotensin-converting enzyme 2 deficiency is associated with impaired gestational weight gain and fetal growth restriction. <i>Hypertension</i> , 2011 , 58, 852-8	8.5	62
95	Fetal programming and the angiotensin-(1-7) axis: a review of the experimental and clinical data. <i>Clinical Science</i> , 2019 , 133, 55-74	6.5	61
94	Novel aspects of the renal renin-angiotensin system: angiotensin-(1-7), ACE2 and blood pressure regulation. <i>Contributions To Nephrology</i> , 2004 , 143, 77-89	1.6	60
93	Glucocorticoid-induced fetal programming alters the functional complement of angiotensin receptor subtypes within the kidney. <i>Hypertension</i> , 2011 , 57, 620-6	8.5	58
92	Differential regulation of circulating and renal ACE2 and ACE in hypertensive mRen2.Lewis rats with early-onset diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, F1374-84	4.3	58
91	Pathways of angiotensin-(1-7) metabolism in the kidney. <i>Nephrology Dialysis Transplantation</i> , 2001 , 16 Suppl 1, 22-6	4.3	55
90	Release of angiotensin-(1-7) from the rat hindlimb: influence of angiotensin-converting enzyme inhibition. <i>Hypertension</i> , 2000 , 35, 348-52	8.5	53
89	Distinct roles for angiotensin-converting enzyme 2 and carboxypeptidase A in the processing of angiotensins within the murine heart. <i>Experimental Physiology</i> , 2008 , 93, 613-21	2.4	48
88	Angiotensin-(1-7) prevents diabetes-induced attenuation in PPAR-gamma and catalase activities. <i>European Journal of Pharmacology</i> , 2010 , 638, 108-14	5.3	46
87	Angiotensin-(1-7) blockade attenuates captopril- or hydralazine-induced cardiovascular protection in spontaneously hypertensive rats treated with NG-nitro-L-arginine methyl ester. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 559-67	3.1	45
86	Acute AT(1)-receptor blockade reverses the hemodynamic and baroreflex impairment in adult sheep exposed to antenatal betamethasone. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 299, H541-7	5.2	40
85	Characterization of angiotensin II receptor subtypes in pancreatic acinar AR42J cells. <i>Peptides</i> , 1995 , 16, 741-7	3.8	40
84	Angiotensin-(1-7) abolishes AGE-induced cellular hypertrophy and myofibroblast transformation via inhibition of ERK1/2. <i>Cellular Signalling</i> , 2014 , 26, 3027-35	4.9	39
83	Gender differences in the effects of antenatal betamethasone exposure on renal function in adult sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 296, R309-17	3.2	38
82	Characterization of angiotensin-(1-7) receptor subtype in mesenteric arteries. <i>Peptides</i> , 2003 , 24, 455-62	3.8	34

81	Angiotensin-(1-7) deficiency and baroreflex impairment precede the antenatal Betamethasone exposure-induced elevation in blood pressure. <i>Hypertension</i> , 2012 , 59, 453-8	8.5	33
80	Differential response of angiotensin peptides in the urine of hypertensive animals. <i>Regulatory Peptides</i> , 1999 , 80, 57-66		33
79	Downregulation of apelin in the human placental chorionic villi from preeclamptic pregnancies. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E852-60	6	32
78	Prenatal betamethasone exposure alters renal function in immature sheep: sex differences in effects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R793-803	3.2	32
77	Association between preterm birth and the renin-angiotensin system in adolescence: influence of sex and obesity. <i>Journal of Hypertension</i> , 2018 , 36, 2092-2101	1.9	31
76	Renal function and blood pressure are altered in adolescents born preterm. <i>Pediatric Nephrology</i> , 2019 , 34, 137-144	3.2	30
75	Exaggerated sympathetic mediated responses to behavioral or pharmacological challenges following antenatal betamethasone exposure. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E979-85	6	30
74	Divergent pathways for the angiotensin-(1-12) metabolism in the rat circulation and kidney. <i>Peptides</i> , 2012 , 35, 190-5	3.8	29
73	Depletion of tissue angiotensin-converting enzyme differentially influences the intrarenal and urinary expression of angiotensin peptides. <i>Hypertension</i> , 2004 , 43, 849-53	8.5	28
72	GPER activation ameliorates aortic remodeling induced by salt-sensitive hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H953-61	5.2	28
71	Evidence for a mitochondrial angiotensin-(1-7) system in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, F637-F645	4.3	26
70	Nuclear expression of renin-angiotensin system components in NRK-52E renal epithelial cells. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015 , 16, 1135-48	3	25
69	Influence of estrogen depletion and salt loading on renal angiotensinogen expression in the mRen(2).Lewis strain. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 299, F35-42	4.3	25
68	Fetal betamethasone exposure attenuates angiotensin-(1-7)-Mas receptor expression in the dorsal medulla of adult sheep. <i>Peptides</i> , 2013 , 44, 25-31	3.8	24
67	Concerns on the Specificity of Commercial ELISAs for the Measurement of Angiotensin (1-7) and Angiotensin II in Human Plasma. <i>Hypertension</i> , 2021 , 77, e29-e31	8.5	24
66	Angiotensin converting enzyme-independent angiotensin ii production by chymase is up-regulated in the ischemic kidney in renovascular hypertension. <i>Journal of Surgical Research</i> , 2005 , 127, 65-9	2.5	23
65	Cardiorenal Syndrome and Heart Failure-Challenges and Opportunities. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 1208-1219	3.8	21
64	Identification of dipeptidyl peptidase 3 as the Angiotensin-(1-7) degrading peptidase in human HK-2 renal epithelial cells. <i>Peptides</i> , 2016 , 83, 29-37	3.8	21

63	Antenatal betamethasone exposure is associated with lower ANG-(1-7) and increased ACE in the CSF of adult sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R679-88	3.2	20
62	Sex-Specific Changes in Renal Angiotensin-Converting Enzyme and Angiotensin-Converting Enzyme 2 Gene Expression and Enzyme Activity at Birth and Over the First Year of Life. <i>Reproductive Sciences</i> , 2016 , 23, 200-10	3	19
61	Measurement of Angiotensin Peptides: HPLC-RIA. <i>Methods in Molecular Biology</i> , 2017 , 1527, 81-99	1.4	19
60	Antenatal corticosteroids and the renin-angiotensin-aldosterone system in adolescents born preterm. <i>Pediatric Research</i> , 2017 , 81, 88-93	3.2	19
59	The renin-angiotensin-aldosterone system in adolescent offspring born prematurely to mothers with preeclampsia. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015 , 16, 529-38	3	19
58	Angiotensin-converting enzyme inhibition, but not AT(1) receptor blockade, in the solitary tract nucleus improves baroreflex sensitivity in anesthetized transgenic hypertensive (mRen2)27 rats. <i>Hypertension Research</i> , 2011 , 34, 1257-62	4.7	19
57	Obesity is Associated with Higher Blood Pressure and Higher Levels of Angiotensin II but Lower Angiotensin-(1-7) in Adolescents Born Preterm. <i>Journal of Pediatrics</i> , 2019 , 205, 55-60.e1	3.6	19
56	Angiotensin-(1-7)-dependent vasorelaxation of the renal artery exhibits unique angiotensin and bradykinin receptor selectivity. <i>Peptides</i> , 2017 , 90, 10-16	3.8	18
55	Angiotensin-(1-7) and the Regulation of Anti-Fibrotic Signaling Pathways. <i>Journal of Cell Signaling</i> , 2017 , 2,		18
54	Long-term systemic angiotensin II type 1 receptor blockade regulates mRNA expression of dorsomedial medulla renin-angiotensin system components. <i>Physiological Genomics</i> , 2011 , 43, 829-35	3.6	17
53	An angiotensin-(1-7) peptidase in the kidney cortex, proximal tubules, and human HK-2 epithelial cells that is distinct from insulin-degrading enzyme. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F594-601	4.3	16
52	Antenatal glucocorticoid treatment alters Na ⁺ uptake in renal proximal tubule cells from adult offspring in a sex-specific manner. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F1268-75	4.3	16
51	The ins and outs of angiotensin processing within the kidney. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R487-9	3.2	16
50	Sex-specific effect of antenatal betamethasone exposure on renal oxidative stress induced by angiotensins in adult sheep. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, F1013-22	4.3	16
49	Differences in oxidative stress status and expression of MKP-1 in dorsal medulla of transgenic rats with altered brain renin-angiotensin system. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 303, R799-806	3.2	15
48	Enhanced activity of an angiotensin-(1-7) neuropeptidase in glucocorticoid-induced fetal programming. <i>Peptides</i> , 2014 , 52, 74-81	3.8	14
47	Evidence for an angiotensin-(1-7) neuropeptidase expressed in the brain medulla and CSF of sheep. <i>Journal of Neurochemistry</i> , 2014 , 130, 313-23	6	14
46	A pilot study to assess the circulating renin-angiotensin system in COVID-19 acute respiratory failure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L213-L218	5.8	14

45	Angiotensinogen import in isolated proximal tubules: evidence for mitochondrial trafficking and uptake. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F879-F886	4.3	12
44	Diet, obesity, and the gut microbiome as determinants modulating metabolic outcomes in a non-human primate model. <i>Microbiome</i> , 2021 , 9, 100	16.6	12
43	Stabilization of Angiotensin-(1-7) by key substitution with a cyclic non-natural amino acid. <i>Amino Acids</i> , 2017 , 49, 1733-1742	3.5	11
42	The brain Renin-Angiotensin system and mitochondrial function: influence on blood pressure and baroreflex in transgenic rat strains. <i>International Journal of Hypertension</i> , 2013 , 2013, 136028	2.4	11
41	The Angiotensin-(1-7) Axis: Formation and Metabolism Pathways 2019 , 1-26		9
40	Antenatal betamethasone attenuates the angiotensin-(1-7)-Mas receptor-nitric oxide axis in isolated proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F1056-F1062	4.3	8
39	Does ACE2 contribute to the development of hypertension?. <i>Hypertension Research</i> , 2010 , 33, 107-9	4.7	8
38	Central ANG-(1-7) infusion improves blood pressure regulation in antenatal betamethasone-exposed sheep and reveals sex-dependent effects on oxidative stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 316, H1458-H1467	5.2	7
37	Lower urinary Klotho is associated with lower angiotensin-(1-7) and higher blood pressure in young adults born preterm with very low birthweight. <i>Journal of Clinical Hypertension</i> , 2020 , 22, 1033-1040	2.3	7
36	Association of circulating uric acid and angiotensin-(1-7) in relation to higher blood pressure in adolescents and the influence of preterm birth. <i>Journal of Human Hypertension</i> , 2020 , 34, 818-825	2.6	6
35	Peptidases and the Renin-Angiotensin System: The Alternative Angiotensin-(1-7) Cascade 2017 ,		4
34	Comparison of Candesartan and Angiotensin-(1-7) Combination to Mito-TEMPO Treatment for Normalizing Blood Pressure and Sympathovagal Balance in (mREN2)27 Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2019 , 73, 143-148	3.1	4
33	Sex-dependent expression of brain medullary MAP and PI3 kinases in adult sheep with antenatal betamethasone exposure. <i>Clinical Science</i> , 2018 , 132, 1953-1962	6.5	2
32	Evidence that angiotensin II does not directly stimulate the MD2-TLR4 innate inflammatory pathway. <i>Peptides</i> , 2021 , 136, 170436	3.8	2
31	Reply to "Letter to the editor: Angiotensin quantification by mass spectrometry". <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H454	5.2	1
30	Commentary for "Endocrine significance of SARS-CoV-2R Reliance on ACE2". <i>Endocrinology</i> , 2021 , 162,	4.8	1
29	Exogenous Angiotensin-(1-7) Impairs Baroreflex Sensitivity in the Solitary Tract Nucleus in Anesthetized Sprague-Dawley Rats. <i>FASEB Journal</i> , 2008 , 22,	0.9	1
28	Preterm Adolescents Exhibit Higher Blood Pressure and Sodium Retention with Higher Uric Acid and Differential Circulating Renin-Angiotensin System Expression. <i>FASEB Journal</i> , 2018 , 32, 883.6	0.9	1

27	Gender Differences in the Development of Insulin Resistance in Adult Sheep As Result of Antenatal Betamethasone. <i>FASEB Journal</i> , 2007 , 21, A434	0.9	1
26	Evidence for Protein Kinase C Dependent Stimulation of Reactive Oxygen Species in Isolated Nuclei of Renal Epithelial Cells. <i>FASEB Journal</i> , 2010 , 24, 1059.3	0.9	1
25	Mitogen-Activated Protein Kinase Phosphatase-1 (MKP-1) Is Low In Dorsal Medulla Of Hypertensive (mRen2)27 Transgenic Rats. <i>FASEB Journal</i> , 2010 , 24, 955.11	0.9	1
24	Angiotensinogen uptake and stimulation of oxidative stress in human pigment retinal epithelial cells.. <i>Peptides</i> , 2022 , 152, 170770	3.8	1
23	Assessment of the Renin-Angiotensin System in Cellular Organelle: New Arenas for Study in the Mitochondria. <i>Methods in Molecular Biology</i> , 2017 , 1614, 99-121	1.4	
22	Urolithin A, a Product of the Microbiome, Attenuates the Palmitate-TLR4 Inflammatory Pathway in Renal Tubule Cells. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
21	Effects of bilateral renal denervation on blood pressure in older Sprague-Dawley rats. <i>FASEB Journal</i> , 2006 , 20, A1209	0.9	
20	Reduced Formation of Ang-(1 $\bar{7}$) by ACE2 in Dorsal Medulla Oblongata of Sprague-Dawley (SD) and ASrAogen Rats During Aging. <i>FASEB Journal</i> , 2006 , 20, A1209	0.9	
19	Experimental Hypertension is Associated with Differential Expression of Angiotensin-(1 $\bar{1}$ 2) in Heart of Hypertensive and Normotensive Rats. <i>FASEB Journal</i> , 2008 , 22, 1210.20	0.9	
18	GPR30-Mediated Vasorelaxation is Enhanced in Female mRen2.Lewis Rats and Attenuated by High Salt. <i>FASEB Journal</i> , 2008 , 22, 968.10	0.9	
17	Effect of prenatal exposure to Betamethasone on responses to intrarenal infusion of Angiotensin-(1 $\bar{7}$) (Ang 1 $\bar{7}$) and its antagonist in male sheep. <i>FASEB Journal</i> , 2008 , 22, 165-165	0.9	
16	The Microbiome Product Urolithin A Abolishes TGF β Dependent Stimulation of PAI-1 in Renal Epithelial Cells. <i>FASEB Journal</i> , 2019 , 33, lb530	0.9	
15	Intracerebroventricular Infusion of Angiotensin-(1-7) Improves Baroreflex Sensitivity in Antenatal Betamethasone Exposed Sheep. <i>FASEB Journal</i> , 2015 , 29, 811.30	0.9	
14	Chronic Angiotensin II Infusion in Lewis Rats Does Not Reveal Sex Differences in Blood Pressure or Renal Injury Apparent in the mRen2.Lewis Strain. <i>FASEB Journal</i> , 2009 , 23, 1013.3	0.9	
13	Effect of prenatal Betamethasone (B) exposure on sodium excretion in response to intrarenal infusions of Angiotensin II (Ang II) and its antagonist in male sheep.. <i>FASEB Journal</i> , 2009 , 23, 969.13	0.9	
12	Type 1 Induced Diabetes Abolishes Sex Differences in Proteinuria and Angiotensinogen Excretion in mRen2.Lewis Hypertensive Rats.. <i>FASEB Journal</i> , 2010 , 24, 812.13	0.9	
11	Immunocytochemical Distribution of the Ang-(1 $\bar{7}$)/Mas Receptor in the Sheep Kidney. <i>FASEB Journal</i> , 2010 , 24, 605.6	0.9	
10	Type I Induced Diabetes Increases Circulating ACE2 in Male and Female mRen2.Lewis Hypertensive Rats. <i>FASEB Journal</i> , 2010 , 24, 1041.2	0.9	

- 9 Antenatal Betamethasone (B) and Gender Affect 8-isoprostane Responses to Unilateral Nephrectomy. *FASEB Journal*, **2011**, 25, 1029.11 0.9
- 8 Impact of Antenatal Betamethasone (B) on p47 phox in Kidney and 8-isoprostane Responses to Angiotensin II in Proximal Tubule Cells in Male Sheep after Uninephrectomy. *FASEB Journal*, **2012**, 26, 1101.10 0.9
- 7 25-Hydroxyvitamin D and Body Mass Index in Female Adolescents. *FASEB Journal*, **2012**, 26, 1093.15 0.9
- 6 Diabetes Abolishes the Cardioprotective Effect of Estrogen on Systolic Cardiac Function. *FASEB Journal*, **2012**, 26, 1057.23 0.9
- 5 Salt-Dependent Hypertension and Renal Injury are Associated with Increased Excretion of Angiotensinogen and Angiotensin- (1-12) in Female mRen2.Lewis Rats. *FASEB Journal*, **2012**, 26, lb818 0.9
- 4 Differential Expression of Renin-Angiotensin System Components in the Choroid Plexus of Betamethasone Exposed and Control Sheep. *FASEB Journal*, **2013**, 27, 1107.12 0.9
- 3 Renal Mitochondria Predominantly Express [des-Ang I]-Angiotensinogen and Renin. *FASEB Journal*, **2013**, 27, 909.5 0.9
- 2 Processing of Angiotensinogen to Angiotensin-(112) by a Non- Renin Enzyme in the Salt-Sensitive mRen2.Lewis Rat. *FASEB Journal*, **2013**, 27, 909.1 0.9
- 1 High Glucose Differentially Influences Endocannabinoid CB-1 and CB-2 Receptors in Renal Epithelial Cells. *FASEB Journal*, **2013**, 27, 917.9 0.9