Nephron Number, Hypertension, Renal Disease, and Re

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Citation Report

#	Article	IF	CITATIONS
1	Renal Endowment: Developmental Origins of Adult Disease. Journal of the American Society of Nephrology: JASN, 2005, 16, 2533-2536.	3.0	22
3	Hypertension, race, and glomeruli: more than simply a numbers game. Kidney International, 2006, 69, 640-642.	2.6	5
4	Reduced nephron number and glomerulomegaly in Australian Aborigines: A group at high risk for renal disease and hypertension. Kidney International, 2006, 70, 104-110.	2.6	227
5	Lessons in ethnonephrology. Kidney International, 2006, 70, 251-257.	2.6	6
6	Subclinical rejection impairs glomerular adaptation after renal transplantation. Kidney International, 2006, 70, 557-561.	2.6	14
7	Intrauterine growth retardation aggravates the course of acute mesangioproliferative glomerulonephritis in the rat. Kidney International, 2006, 70, 1974-1982.	2.6	73
8	Pathophysiology of Arterial Hypertension: Insights from Pediatric Studies. Current Pediatric Reviews, 2006, 2, 209-223.	0.4	4
9	Adult Hypertension in Intrauterine Growth-Restricted Offspring of Hyperinsulinemic Rats. Hypertension, 2006, 48, 717-723.	1.3	25
10	Adult Hypertension and Kidney Disease. Hypertension, 2006, 47, 502-508.	1.3	276
11	Kidney Gene Expression Analysis in a Rat Model of Intrauterine Growth Restriction Reveals Massive Alterations of Coagulation Genes. Endocrinology, 2007, 148, 5549-5557.	1.4	38
12	Effects of early postnatal hypernutrition on nephron number and long-term renal function and structure in rats. American Journal of Physiology - Renal Physiology, 2007, 293, F1944-F1949.	1.3	92
13	Long-term effects of nutritional programming of the embryo and fetus: mechanisms and critical windows. Reproduction, Fertility and Development, 2007, 19, 53.	0.1	168
14	Hypertension: The kidney is the culprit even in the absence of kidney disease. Kidney International, 2007, 71, 371-372.	2.6	13
15	Blood pressure and kidney size in term newborns with intrauterine growth restriction. Sao Paulo Medical Journal, 2007, 125, 85-90.	0.4	6
16	Maternal Nutrition, Low Nephron Number, and Hypertension in Later Life: Pathways of Nutritional Programming1. Journal of Nutrition, 2007, 137, 1066-1072.	1.3	131
17	The thrifty phenotype as an adaptive maternal effect. Biological Reviews, 2007, 82, 143-172.	4.7	253
18	Glomerular adaptation after kidney transplantation. Transplantation Reviews, 2007, 21, 119-127.	1.2	4
19	A high-resolution anatomical ontology of the developing murine genitourinary tract. Gene Expression Patterns, 2007, 7, 680-699.	0.3	125

	Сітатіс	on Report	
# 20	ARTICLE Chronic Kidney Disease. American Journal of Kidney Diseases, 2007, 49, 162-171.	IF 2.1	Citations
21	1H-NMR metabolic profiling of human neonatal urine. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2007, 19, 305-312.	1.1	18
22	Renin-angiotensin axis blockade reduces proteinuria in presymptomatic patients with familial FSGS. Pediatric Nephrology, 2007, 22, 1779-1784.	0.9	17
23	Low birth weight, but not postnatal weight gain, aggravates the course of nephrotic syndrome. Pediatric Nephrology, 2007, 22, 1881-1889.	0.9	31
24	Born in Bradford, a cohort study of babies born in Bradford, and their parents: Protocol for the recruitment phase. BMC Public Health, 2008, 8, 327.	1.2	113
25	Effect of Intrauterine Growth Restriction on Kidney Function at Young Adult Age: The Nord TrÃ,ndelag Health (HUNT 2) Study. American Journal of Kidney Diseases, 2008, 51, 10-20.	2.1	124
26	GFR Estimated From Cystatin C Versus Creatinine in Children Born Small for Gestational Age. American Journal of Kidney Diseases, 2008, 51, 925-932.	2.1	43
27	Birth Weight and Stages of CKD: A Case-Control Study in an Australian Population. American Journal of Kidney Diseases, 2008, 52, 1070-1078.	2.1	34
28	Factors Influencing Mammalian Kidney Development: Implications for Health in Adult Life. Advances in Anatomy, Embryology and Cell Biology, 2008, 196, 1-78.	1.0	63
29	Protein-induced satiety: Effects and mechanisms of different proteins. Physiology and Behavior, 2008, 94, 300-307.	1.0	329
30	Disparities in Renal Endowment: Causes and Consequences. Advances in Chronic Kidney Disease, 2008, 15, 107-114.	0.6	42
31	GUDMAP. Journal of the American Society of Nephrology: JASN, 2008, 19, 667-671.	3.0	225
32	Low Birth Weight Increases Risk for End-Stage Renal Disease. Journal of the American Society of Nephrology: JASN, 2008, 19, 151-157.	3.0	262
33	Nephron number determines susceptibility to renal mass reduction-induced CKD in Lewis and Fisher 344 rats: implications for development of experimentally induced chronic allograft nephropathy. Nephrology Dialysis Transplantation, 2008, 23, 2492-2495.	0.4	24
34	Proteins and satiety: implications for weight management. Current Opinion in Clinical Nutrition and Metabolic Care, 2008, 11, 747-751.	1.3	63
35	Nephron number, glomerular volume, renal disease and hypertension. Current Opinion in Nephrology and Hypertension, 2008, 17, 258-265.	1.0	169
36	1H NMR-based metabolomic analysis of urine from preterm and term neonates. Frontiers in Bioscience - Elite, 2009, E3, 1005.	0.9	5
37	The Kidney from Prenatal to Adult Life: Perinatal Programming and Reduction of Number of Nephrons during Development. American Journal of Nephrology, 2009, 30, 162-170.	1.4	93

	Ο ΓΙΤΑΤΙΟΝ Ι	Report	
#	ARTICLE Obesity-related penkropathy in children, Pediatric Health, 2009, 3, 141-153	IF	CITATIONS
30	Obesity related hephropathy in children. Fediatic freatili, 2009, 9, 141 199.	0.5	10
39	The Effects of Postnatal Retinoic Acid Administration on Nephron Endowment in the Preterm Baboon Kidney. Pediatric Research, 2009, 65, 397-402.	1.1	35
40	Glomerular surface area is normalized in mice born with a nephron deficit: no role for AT1 receptors. American Journal of Physiology - Renal Physiology, 2009, 296, F583-F589.	1.3	11
41	Early postnatal overfeeding induces early chronic renal dysfunction in adult male rats. American Journal of Physiology - Renal Physiology, 2009, 297, F943-F951.	1.3	74
42	Effects of preterm birth and fetal growth retardation on cardiovascular risk factors in young adulthood. Early Human Development, 2009, 85, 239-245.	0.8	109
43	Renal agenesis and unilateral nephrectomy: what are the risks of living with a single kidney?. Pediatric Nephrology, 2009, 24, 439-446.	0.9	49
44	Nephron Mass and Cardiovascular and Renal Disease Risks. Seminars in Nephrology, 2009, 29, 445-454.	0.6	44
45	Glomerular Circulation and Function. , 2009, , 31-64.		12
46	Dietary Protein, Weight Loss, and Weight Maintenance. Annual Review of Nutrition, 2009, 29, 21-41.	4.3	440
47	Developmental programming and hypertension. Current Opinion in Nephrology and Hypertension, 2009, 18, 144-152.	1.0	136
48	Implantable blood pressure sensor for analyzing elasticity in arteries. , 2009, , .		1
49	Mechanisms of renal injury and progression of renal disease in congenital obstructive nephropathy. Pediatric Nephrology, 2010, 25, 687-697.	0.9	188
50	CKD in Aboriginal Australians. American Journal of Kidney Diseases, 2010, 56, 983-993.	2.1	44
51	Perinatal nutrient restriction reduces nephron endowment increasing renal morbidity in adulthood: A review. Early Human Development, 2010, 86, 37-42.	0.8	24
52	Potential roles of high salt intake and maternal malnutrition in the development of hypertension in disadvantaged populations. Clinical and Experimental Pharmacology and Physiology, 2010, 37, e78-90.	0.9	26
53	The early development of the kidney and implications for future health. Journal of Developmental Origins of Health and Disease, 2010, 1, 216-233.	0.7	70
54	The Clinical Importance of Nephron Mass. Journal of the American Society of Nephrology: JASN, 2010, 21, 898-910.	3.0	259
55	African Americans compared to Senegalesesame number of glomeruli, but greater glomerular size. What does this tell us?. Nephrology Dialysis Transplantation, 2010, 25, 1368-1370.	0.4	0

#	Article	IF	Citations
56	Ouabain protects against adverse developmental programming of the kidney. Nature Communications, 2010, 1, 42.	5.8	71
57	Changes in 11Â-hydroxysteroid dehydrogenase type 2 expression in a low-protein rat model of intrauterine growth restriction. Nephrology Dialysis Transplantation, 2010, 25, 3195-3203.	0.4	14
58	Fetal Origins of Renal Disparities. Seminars in Nephrology, 2010, 30, 42-50.	0.6	2
59	Vitamin A in Reproduction and Development. Nutrients, 2011, 3, 385-428.	1.7	313
60	Prenatal programming—effects on blood pressure and renal function. Nature Reviews Nephrology, 2011, 7, 137-144.	4.1	67
61	Calcium/NFAT signalling promotes early nephrogenesis. Developmental Biology, 2011, 352, 288-298.	0.9	84
62	Risk Factors for End Stage Renal Disease in Non- <i>WT1</i> -Syndromic Wilms Tumor. Journal of Urology, 2011, 186, 378-386.	0.2	81
63	1H NMR-based metabolomic analysis of urine from preterm and term neonates. Frontiers in Bioscience - Elite, 2011, E3, 1005-1012.	0.9	65
64	Metabolic Programming during Lactation Stimulates Renal Na+ Transport in the Adult Offspring Due to an Early Impact on Local Angiotensin II Pathways. PLoS ONE, 2011, 6, e21232.	1.1	33
65	Developmental Origins of Adult Disease: Part 2: Renal Disease. NeoReviews, 2011, 12, e706-e713.	0.4	1
66	Branched-chain amino acid supplemented diet during maternal food restriction prevents developmental hypertension in adult rat offspring. Journal of Developmental Origins of Health and Disease, 2011, 2, 176-183.	0.7	19
67	Preeclamptic nephropathy. Nephrology, 2011, 16, 134-143.	0.7	24
68	Human nephron number: implications for health and disease. Pediatric Nephrology, 2011, 26, 1529-1533.	0.9	405
69	Evaluation of High Resolution Melting analysis as an alternate tool to screen for risk alleles associated with small kidneys in Indian newborns. BMC Nephrology, 2011, 12, 60.	0.8	2
70	The GUDMAP database – an online resource for genitourinary research. Development (Cambridge), 2011, 138, 2845-2853.	1.2	226
72	Accelerated Maturation and Abnormal Morphology in the Preterm Neonatal Kidney. Journal of the American Society of Nephrology: JASN, 2011, 22, 1365-1374.	3.0	267
73	Serum Creatinine Levels Are Significantly Influenced by Renal Size in the Normal Pediatric Population. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 107-113.	2.2	21
74	Inborn Nephron Diversity and Its Clinical Consequences. Rambam Maimonides Medical Journal, 2011, 2, e0061.	0.4	68

#	Article	IF	CITATIONS
75	Prenatal Programming and Epigenetics in the Genesis of the Cardiorenal Syndrome. CardioRenal Medicine, 2011, 1, 243-254.	0.7	27
76	Impact of Nephron Number Dosing on Cardiorenal Damage and Effects of ACE Inhibition. American Journal of Hypertension, 2011, 24, 474-481.	1.0	9
77	Distribution of Volumes of Individual Glomeruli in Kidneys at Autopsy: Association with Physical and Clinical Characteristics and with Ethnic Group. American Journal of Nephrology, 2011, 33, 15-20.	1.4	37
78	A neonate with severe oligo-anuric renal failure during multi-organ failure survived with prolonged renal replacement therapy. CKJ: Clinical Kidney Journal, 2011, 4, 141-142.	1.4	0
79	Lack of activation of renal functional reserve predicts the risk of significant renal involvement in systemic sclerosis. Annals of the Rheumatic Diseases, 2011, 70, 1963-1967.	0.5	29
80	Early glomerular alterations in genetically determined low nephron number. American Journal of Physiology - Renal Physiology, 2011, 300, F521-F530.	1.3	20
81	Low Birth Weight due to Intrauterine Growth Restriction and/or Preterm Birth: Effects on Nephron Number and Long-Term Renal Health. International Journal of Nephrology, 2012, 2012, 1-13.	0.7	73
82	Low birth weight is associated with earlier onset of end-stage renal disease in Danish patients with autosomal dominant polycystic kidney disease. Kidney International, 2012, 81, 919-924.	2.6	46
83	Pediatric Metabolic Syndrome. , 2012, , .		8
84	Influence of Birth Weight on the Renal Development and Kidney Diseases in Adulthood: Experimental and Clinical Evidence. International Journal of Nephrology, 2012, 2012, 1-5.	0.7	6
85	Pre-Existing Arteriosclerotic Intimal Thickening in Living-Donor Kidneys Reflects Allograft Function. American Journal of Nephrology, 2012, 36, 127-135.	1.4	24
86	Low birth weight and end-stage renal disease: demographic analysis by region in Japan. Clinical and Experimental Nephrology, 2012, 16, 596-603.	0.7	11
87	The role of the kidney in regulating arterial blood pressure. Nature Reviews Nephrology, 2012, 8, 602-609.	4.1	107
88	Predicting the outcome of chronic kidney disease by the estimated nephron number: The rationale and design of PRONEP, a prospective, multicenter, observational cohort study. BMC Nephrology, 2012, 13, 11.	0.8	11
89	Relatively high-protein or â€~low-carb' energy-restricted diets for body weight loss and body weight maintenance?. Physiology and Behavior, 2012, 107, 374-380.	1.0	83
90	Metabolic Syndrome and Associated Kidney Disease. , 2012, , 117-136.		1
91	Regulation of Transport in the Connecting Tubule and Cortical Collecting Duct. , 2012, 2, 1541-1584.		92
92	Blunted Sodium Excretion in Response to a Saline Load in 5 Year Old Female Sheep Following Fetal Uninephrectomy. PLoS ONE, 2012, 7, e47528.	1.1	14

#	Article	IF	CITATIONS
93	Compensatory Growth of Congenital Solitary Kidneys in Pigs Reflects Increased Nephron Numbers Rather Than Hypertrophy. PLoS ONE, 2012, 7, e49735.	1.1	30
95	Proteinâ€energy malnutrition during early gestation in sheep blunts fetal renal vascular and nephron development and compromises adult renal function. Journal of Physiology, 2012, 590, 377-393.	1.3	35
96	Low birth weight: causes and consequences. Diabetology and Metabolic Syndrome, 2013, 5, 49.	1.2	66
97	Fetal betamethasone exposure attenuates angiotensin-(1-7)-Mas receptor expression in the dorsal medulla of adult sheep. Peptides, 2013, 44, 25-31.	1.2	25
98	Normal Protein Intake Is Required for Body Weight Loss and Weight Maintenance, and Elevated Protein Intake for Additional Preservation of Resting Energy Expenditure and Fat Free Mass. Journal of Nutrition, 2013, 143, 591-596.	1.3	94
99	Testosterone enhances tubuloglomerular feedback by increasing superoxide production in the macula densa. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R726-R733.	0.9	15
100	Explaining Socioeconomic Inequalities in Childhood Blood Pressure and Prehypertension. Hypertension, 2013, 61, 35-41.	1.3	47
101	Cardiovascular and Renal Effects of High Salt Diet in GDNF+/- Mice with Low Nephron Number. Kidney and Blood Pressure Research, 2013, 37, 379-391.	0.9	11
102	Developmental Origins of Chronic Renal Disease: An Integrative Hypothesis. International Journal of Nephrology, 2013, 2013, 1-12.	0.7	40
103	Renal transplantation in Indigenous <scp>A</scp> ustralians of the <scp>N</scp> orthern <scp>T</scp> erritory: closing the gap. Internal Medicine Journal, 2013, 43, 1059-1066.	0.5	8
104	Chronic intrauterine exposure to endotoxin does not alter fetal nephron number or glomerular size. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 789-794.	0.9	9
105	Hemodialysis Patients Born With a Low Birth Weight Should Have a Different Time Course of Kidney Diseases Than Those Born With a Normal Birth Weight. Therapeutic Apheresis and Dialysis, 2013, 17, 293-297.	0.4	1
106	Short-Term Gestation, Long-Term Risk: Prematurity and Chronic Kidney Disease. Pediatrics, 2013, 131, 1168-1179.	1.0	198
107	ls there a difference in metabolic burden between men and women?. Nephrology Dialysis Transplantation, 2014, 29, 1110-1112.	0.4	10
108	Normal Kidney Function and Structure. , 2014, , 2716-2733.		5
109	Transgenerational programming of fetal nephron deficits and sex-specific adult hypertension in rats. Reproduction, Fertility and Development, 2014, 26, 1032.	0.1	35
110	Decreasing podocyte number during human kidney intrauterine development. American Journal of Physiology - Renal Physiology, 2014, 307, F1033-F1040.	1.3	6
111	Glomerular hypertrophy in subjects with low nephron number: contributions of sex, body size and race. Nephrology Dialysis Transplantation, 2014, 29, 1686-1695.	0.4	23

** Arricle F Crasses *** Chicopathological assessment of the nephron number. CQ: Clinical Kidney Journal, 2014, 71, 107-114. 1.4 29 **** Checopathological assessment of the nephron number. CQ: Clinical Kidney Journal, 2014, 71, 107-114. 0.4 0.4 0.4 **** Evented levels of protein in urite in adulthood after exposure to the Chines findinge, 2014, 74, 104-114. 0.9 0.6 0.0 </th <th></th> <th></th> <th colspan="2">CITATION REPORT</th> <th></th>			CITATION REPORT		
112Clinicopathological assessment of the nephron number. CK: Clinical Kidney Journal, 2014, 7, 107-114.1.429113Percloperative real volume practices peak creatine after congenital heart surgery in neonates.0.46114Elevated levels of protein in urine in adulthood after congosure to the Chinese famine of 195986*610.936115Effective construction and the early positivatal period. International Journal of Epidemiology, 2014, 43,0.936116Effective construction and the early positivatal period. International Journal of Epidemiology, 2014, 43,0.412116Soludie TR: Leckase response to heppin in use: implications for dialysis patients?. Nephrology Dialysis0.41117Iong-Term Renal Cannerguences of Proteins Birth. Clinics in Perinatology, 2014, 41, 561-573.0.850119Dess of a blend volumity foral life: long-term consequences and lessons learned. American Journal of1.350119Dess of a blend volumity foral life: long-term consequences and lessons learned. American Journal of1.350110Understanding the Role of Maternal Diet on Kilney Development, an Opportunity to Improve1.739118Birth weight: mashurtherin and kilney perceinting adaption and science species in during the perceinting science of the period perceinting adaption and science induced by1.32.6119Dess of a blend volume and kilney perceinter work of a despite the ability to enhance tubulogenesis.1.62.62.7112Defective desse, hypertension and feal programming of renal disease induced by1.22.82.7	#	Article		IF	Citations
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114Elevated levels of protein in urine in adulthood after exposure to the Chinese famine of 1959&C*61 1960 e1914.0.936113Effect of donors's "recipient age difference on long-term graft survival in living lidinely transplantation.0.612116Soluble FL: 1 release response to heparin use: implications for dialysis patients?. Nephrology Dialysis0.41117Long-Term Renal Consequences of Peterm Birth. Clinics in Perinatology, 2014, 41, 561-573.0.825118Ess of a lidney during fetal life: long-term consequences and lessons learned. American Journal of1.360119Loss of a lidney during fetal life: long-term consequences and lessons learned. American Journal of0.26119Understanding the Role of Maternal Diet on Kidney Development, an Opportunity to Improve Caractular and Real Health for Future Consequences and lessons learned. American Journal of Physiology. 2015, 11, 135-149.99112Understanding the Role of Maternal Diet on Kidney Development, an Opportunity to Improve Real Review in children with solitary functioning lideney. Indian Rediatrics, 2015, 7, 1881-1905.1.799112Birth weight, malnuterition and bidney-associated outcomessC*a global concern. Nature Reviews4.1292113Birth weight, malnuterition and bidney-associated outcomessC*a global concern. Nature Reviews1.22.6114Redrey disease: hypotentation Research, 2015, 38, 633-641.2.62.7115Redrey disease: hypotentation Research, 2015, 38, 633-641.2.82.8116Oxidative stress, mitochondrial perturbations and fetal programming of	113	Pre-operative renal volume predicts peak creatinine after congenital heart surgery in new Cardiology in the Young, 2014, 24, 831-839.	onates.	0.4	6
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116Soluble FI-1 release response to heparin use: implications for dialysis patients?. Nephrology Dialysis0.41127Long-Term Renal Consequences of Peterm Birth. Clinics in Perinatology, 2014, 41, 561-573.0.825119Joss of a kidney during fetal life: long-term consequences and lessons learned. American Journal of1.360120Renalase levels in children with solitary functioning kidney. Indian Pediatrics, 2015, 52, 1047-1050.0.26121Understanding the Role of Maternal Diet on Kidney Development; an Opportunity to Improve1.739122Birth weight, malnutrition and kidney-associated outcomes&C'a global concern. Nature Reviews4.1232123Hypoxia inhibits nephrogenesis through paracrine Vegfa despite the ability to enhance tubulogenesis.2.627124Factors associated with a victors cycle Involving a low nephron number, hypertension and chronic1.527124Stidave stress, mitochondrial perturbations and fetal programming of enal disease induced by1.258125Oxidative stress, mitochondrial perturbations and fetal programming of enal disease induced by1.258124Atterial Disorders., 2015,221125Atterial Disorders., 2015,221126In Human Kidney2,16,2,17127Ite diffex diffex frend Changes After Kidney Donation. Transplantation, 2015, 99, 760-764.0.51,2126Ite diffex diffex frend Schengence for Kidney Regeneration., 2016, 521-529.02127Ite Human Kidney, <td>115</td> <td>Effect of donor–recipient age difference on long-term graft survival in living kidney tra International Urology and Nephrology, 2014, 46, 1441-1446.</td> <td>ansplantation.</td> <td>0.6</td> <td>12</td>	115	Effect of donor–recipient age difference on long-term graft survival in living kidney tra International Urology and Nephrology, 2014, 46, 1441-1446.	ansplantation.	0.6	12
117Long-Term Renal Consequences of Preterm Birth. Clinics in Perinatology, 2014, 41, 561-573.0.825119Loss of a kidney during fetal life: long-term consequences and lessons learned. American Journal of Physiology - Renal Physiology, 2014, 306, F791-F800.1.850120Renalese levels in children with solitary functioning kidney. Indian Pediatrics, 2015, 52, 1047-1050.0.26121Understanding the Role of Maternal Diet on Kidney Development; an Opportunity to Improve Cardiovascular and Renal Health for Future Generations. Nutrients, 2015, 7, 1881-1905.1.739122Birth weight, malnutrition and kidney-associated outcomesãe ^{Ca} global concern. Nature Reviews Kidney International, 2015, 18, 1283-1292.4.1232123Hypoxia inhibits nephrogenesis through paracrine Vegfa despite the ability to enhance tubulogenesis. Ridney disease. Hyperfension Research, 2015, 39, 633-641.1.527124Factors associated with a victous cycle involving a low nephron number, hypertension and chronic ladney disease. Hyperfension Research, 2015, 39, 633-641.1.258124Oxidative stress, mitochondrial perturbations and fetal programming of renal disease induced by maternal smoking, international Journal of Biochemistry and Cell Biology, 2015, 64, 81-90.1.22125Oxidative stress, 2015,22126Laterial Disorders, 2015,2127Ithe Human Kidney., 2016, .27-40.2128Ithe Human Kidney., 2016, .27-40.2129Itse of the Nephrogenic Niche in Xeno-Embryos for Kidney Regeneration, .2016, .521-529.0.88 <td< td=""><td>116</td><td>Soluble Flt-1 release response to heparin use: implications for dialysis patients?. Nephro Transplantation, 2014, 29, 1112-1115.</td><td>logy Dialysis</td><td>0.4</td><td>1</td></td<>	116	Soluble Flt-1 release response to heparin use: implications for dialysis patients?. Nephro Transplantation, 2014, 29, 1112-1115.	logy Dialysis	0.4	1
119Loss of a kidney during fetal life: long-term consequences and lessons learned. American Journal of1.350120Renalase levels in children with solitary functioning kidney. Indian Pediatrics, 2015, 52, 1047-1050.0.26121Understanding the Role of Maternal Diet on Kidney Development; an Opportunity to Improve Cardiovascular and Renal Health for Future Generations. Nutrients, 2015, 7, 1881-1905.1.739122Birth weight, malnutrition and kidney-associated outcomesât ^C a global concern. Nature Reviews Nephrology, 2015, 11, 135-149.4.1292123Hypoxia inhibits nephrogenesis through paracrine Vegfa despite the ability to enhance tubulogenesis.2.627124Factors associated with a vicious cycle involving a low nephron number, hypertension and chronic kidney disease. Hypertension Research, 2015, 38, 633-641.1.627125Oxidative stress, mitochondrial perturbations and fetal programming of renal disease induced by maternal smoking. International Journal of Biochemistry and Cell Biology, 2015, 64, 81-90.1.258126Cardiovascular-Renal Changes After Kidney Donation. Transplantation, 2015, 99, 760-764.0.514127Atterial Disorders., 2015,2128Use of the Nephrogenic Niche in Xeno-Embryos for Kidney Regeneration., 2016, 521-529.0129Populaton-based estimation of renal function in healthy young Indian adults based on body mass Nephrology and Renovascular Disease, 2016, Volume 9, 243-247.0.88	117	Long-Term Renal Consequences of Preterm Birth. Clinics in Perinatology, 2014, 41, 561	-573.	0.8	25
120Renalase levels in children with solitary functioning kidney. Indian Pediatrics, 2015, 52, 1047-1050.0.26121Understanding the Role of Maternal Diet on Kidney Development; an Opportunity to Improve Cardiovascular and Renal Health for Future Generations. Nutrients, 2015, 7, 1881-1905.1.739122Birth weight, malnutrition and hidney-associated outcomesâ€"a global concern. Nature Reviews4.1232123Hypoxia inhibits nephrogenesis through paracrine Vegfa despite the ability to enhance tubulogenesis.2.627124Factors associated with a vicious cycle involving a low nephron number, hypertension and chronic1.527125Oxidative stress, mitochondrial perturbations and fetal programming of renal disease induced by maternal smoking. International Journal of Biochemistry and Cell Biology, 2015, 64, 81-90.1.258126Cardiovascular-Renal Changes After Kidney Donation. Transplantation, 2015, 99, 760-764.0.514127Atterial Disorders., 2015,21128The Human Kidney., 2016, .27-40.21129Use of the Nephrosgenic Niche in Xeno-Embryos for Kidney Regeneration., 2016, .521-529.0130Population-based estimation of renal function in neathing, and gystatin C. International Journal of0.88	119	Loss of a kidney during fetal life: long-term consequences and lessons learned. America Physiology - Renal Physiology, 2014, 306, F791-F800.	n Journal of	1.3	50
121Understanding the Role of Maternal Diet on Kidney Development; an Opportunity to Improve Cardiovascular and Renal Health for Future Cenerations. Nutrients, 2015, 7, 1881-1905.1.739122Birth weight, malnutrition and kidney-associated outcomeså@a global concern. Nature Reviews4.1232123Hypoxia Inhibits nephrogenesis through paracrine Vegfa despite the ability to enhance tubulogenesis. Kidney International, 2015, 88, 1283-1292.2.627124Factors associated with a vicious cycle involving a low nephron number, hypertension and chronic kidney disease. Hypertension Research, 2015, 38, 633-641.1.527125Oxidative stress, mitochondrial perturbations and fetal programming of renal disease induced by 	120	Renalase levels in children with solitary functioning kidney. Indian Pediatrics, 2015, 52,	1047-1050.	0.2	6
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123Hypoxia inhibits nephrogenesis through paracrine Vegfa despite the ability to enhance tubulogenesis. Kidney International, 2015, 88, 1283-1292.2-627124Factors associated with a vicious cycle involving a low nephron number, hypertension and chronic kidney disease. Hypertension Research, 2015, 38, 633-641.1.527125Oxidative stress, mitochondrial perturbations and fetal programming of renal disease induced by maternal smoking. International Journal of Biochemistry and Cell Biology, 2015, 64, 81-90.1.258126Cardiovascular-Renal Changes After Kidney Donation. Transplantation, 2015, 99, 760-764.0.514127Arterial Disorders., 2015,2128The Human Kidney., 2016, 27-40.21129Use of the Nephrogenic Niche in Xeno-Embryos for Kidney Regeneration., 2016, 521-529.0130Population-based estimation of renal function in healthy young Indian adults based on body mass 	122	Birth weight, malnutrition and kidney-associated outcomes—a global concern. Nature Nephrology, 2015, 11, 135-149.	Reviews	4.1	232
124Factors associated with a vicious cycle involving a low nephron number, hypertension and chronic1.527125Oxidative stress, mitochondrial perturbations and fetal programming of renal disease induced by maternal smoking. International Journal of Biochemistry and Cell Biology, 2015, 64, 81-90.1.258126Cardiovascular-Renal Changes After Kidney Donation. Transplantation, 2015, 99, 760-764.0.514127Arterial Disorders., 2015, ,.2128The Human Kidney., 2016, 27-40.21129Use of the Nephrogenic Niche in Xeno-Embryos for Kidney Regeneration., 2016, 521-529.0130Population-based estimation of renal function in healthy young Indian adults based on body mass index and sex correlating renal volume, serum creatinine, and cystatin C. International Journal of Nephrology and Renovascular Disease, 2016, Volume 9, 243-247.0.8	123	Hypoxia inhibits nephrogenesis through paracrine Vegfa despite the ability to enhance t Kidney International, 2015, 88, 1283-1292.	ubulogenesis.	2.6	27
125Oxidative stress, mitochondrial perturbations and fetal programming of renal disease induced by maternal smoking. International Journal of Biochemistry and Cell Biology, 2015, 64, 81-90.1.258126Cardiovascular-Renal Changes After Kidney Donation. Transplantation, 2015, 99, 760-764.0.514127Arterial Disorders., 2015,2128The Human Kidney., 2016, 27-40.21129Use of the Nephrogenic Niche in Xeno-Embryos for Kidney Regeneration., 2016, 521-529.0130Population-based estimation of renal function in healthy young Indian adults based on body mass index and sex correlating renal volume, serum creatinine, and cystatin C. International Journal of Nephrology and Renovascular Disease, 2016, Volume 9, 243-247.0.8	124	Factors associated with a vicious cycle involving a low nephron number, hypertension a kidney disease. Hypertension Research, 2015, 38, 633-641.	nd chronic	1.5	27
126Cardiovascular-Renal Changes After Kidney Donation. Transplantation, 2015, 99, 760-764.0.514127Arterial Disorders., 2015, ,.2128The Human Kidney., 2016, , 27-40.21129Use of the Nephrogenic Niche in Xeno-Embryos for Kidney Regeneration., 2016, , 521-529.0130Population-based estimation of renal function in healthy young Indian adults based on body mass index and sex correlating renal volume, serum creatinine, and cystatin C. International Journal of Nephrology and Renovascular Disease, 2016, Volume 9, 243-247.0.8	125	Oxidative stress, mitochondrial perturbations and fetal programming of renal disease in maternal smoking. International Journal of Biochemistry and Cell Biology, 2015, 64, 81-	duced by 90.	1.2	58
127Arterial Disorders., 2015,,.2128The Human Kidney., 2016,, 27-40.21129Use of the Nephrogenic Niche in Xeno-Embryos for Kidney Regeneration., 2016,, 521-529.0130Population-based estimation of renal function in healthy young Indian adults based on body mass Nephrology and Renovascular Disease, 2016, Volume 9, 243-247.8	126	Cardiovascular-Renal Changes After Kidney Donation. Transplantation, 2015, 99, 760-7	64.	0.5	14
128The Human Kidney. , 2016, , 27-40.21129Use of the Nephrogenic Niche in Xeno-Embryos for Kidney Regeneration. , 2016, , 521-529.0130Population-based estimation of renal function in healthy young Indian adults based on body mass index and sex correlating renal volume, serum creatinine, and cystatin C. International Journal of Nephrology and Renovascular Disease, 2016, Volume 9, 243-247.0.8	127	Arterial Disorders. , 2015, , .			2
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Population-based estimation of renal function in healthy young Indian adults based on body mass index and sex correlating renal volume, serum creatinine, and cystatin C. International Journal of 0.8 8 Nephrology and Renovascular Disease, 2016, Volume 9, 243-247.	129	Use of the Nephrogenic Niche in Xeno-Embryos for Kidney Regeneration. , 2016, , 521-5	529.		0
	130	Population-based estimation of renal function in healthy young Indian adults based on l index and sex correlating renal volume, serum creatinine, and cystatin C. International Jo Nephrology and Renovascular Disease, 2016, Volume 9, 243-247.	oody mass ournal of	0.8	8

#	Article	IF	CITATIONS
131	Variation in Human Nephron Number and Association with Disease. , 2016, , 167-175.		1
132	Blood pressure in children and adolescents. Journal of Hypertension, 2016, 34, 176-183.	0.3	24
133	Are low birth weight neonates at risk for suboptimal renal growth and function during infancy?. BMC Nephrology, 2016, 17, 100.	0.8	23
134	Prokineticin receptor 1 is required for mesenchymalâ€epithelial transition in kidney development. FASEB Journal, 2016, 30, 2733-2740.	0.2	7
135	Prenatal compensatory renal growth in unilateral renal agenesis. Prenatal Diagnosis, 2016, 36, 1075-1080.	1.1	4
136	The effect of maternal undernutrition on the rat placental transcriptome: protein restriction up-regulates cholesterol transport. Genes and Nutrition, 2016, 11, 27.	1.2	20
137	Vascular endothelial growth factor signaling is necessary for expansion of medullary microvessels during postnatal kidney development. American Journal of Physiology - Renal Physiology, 2016, 311, F586-F599.	1.3	8
138	Maternal hypomagnesemia alters renal function but does not program changes in the cardiovascular physiology of adult offspring. Journal of Developmental Origins of Health and Disease, 2016, 7, 473-480.	0.7	11
139	Effects of preterm birth and ventilation on glomerular capillary growth in the neonatal lamb kidney. Journal of Hypertension, 2016, 34, 1988-1997.	0.3	16
140	Carbamylated Erythropoietin Outperforms Erythropoietin in the Treatment of AKI-on-CKD and Other AKI Models. Journal of the American Society of Nephrology: JASN, 2016, 27, 3394-3404.	3.0	20
141	Detection and Clinical Patterns of Nephron Hypertrophy and Nephrosclerosis Among Apparently Healthy Adults. American Journal of Kidney Diseases, 2016, 68, 58-67.	2.1	78
142	Smaller kidney size at birth in South Asians: findings from the Born in Bradford birth cohort study. Nephrology Dialysis Transplantation, 2016, 31, 455-465.	0.4	18
143	Estimated nephron number of the remaining donor kidney: impact on living kidney donor outcomes. Nephrology Dialysis Transplantation, 2016, 31, 1523-1530.	0.4	21
144	Fundamentals of Epithelial Na+ Absorption. , 2016, , 49-94.		1
145	The Substantial Loss of Nephrons in Healthy Human Kidneys with Aging. Journal of the American Society of Nephrology: JASN, 2017, 28, 313-320.	3.0	272
146	The age, breed and sex pattern of diagnosis for veterinary care in insured cats in Japan. Journal of Small Animal Practice, 2017, 58, 89-95.	0.5	5
147	The Epigenetic Machinery in Vascular Dysfunction and Hypertension. Current Hypertension Reports, 2017, 19, 52.	1.5	32
148	Donor Quality in the Eye of the Beholder: Interactions between Nonimmunologic Recipient and Donor Factors as Determinants of Graft Survival. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 565-567.	2.2	1

#	Article	IF	CITATIONS
149	Acute change in glomerular filtration rate withÂinhibition of the renin-angiotensin systemÂdoes notÂpredict subsequent renal andÂcardiovascularÂoutcomes. Kidney International, 2017, 91, 683-690.	2.6	59
150	Linking acute kidney injury to chronic kidney disease: the missing links. Journal of Nephrology, 2017, 30, 461-475.	0.9	24
151	Maternal Smoking during Pregnancy, Household Smoking after the Child's Birth, and Childhood Proteinuria at Age 3 Years. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 253-260.	2.2	9
152	Hypoxia-inducible factor prolyl-4-hydroxylation in FOXD1 lineage cells is essential for normal kidney development. Kidney International, 2017, 92, 1370-1383.	2.6	22
154	Estimated Nephron Number of the Donor Kidney: Impact on Allograft Kidney Outcomes. Transplantation Proceedings, 2017, 49, 1237-1243.	0.3	7
155	A novel genetic model to explore the Brenner hypothesis: Linking nephron endowment and number with hypertension. Medical Hypotheses, 2017, 106, 6-9.	0.8	6
156	Preterm Birth and its Impact on Renal Health. Seminars in Nephrology, 2017, 37, 311-319.	0.6	56
157	The Impact of Kidney Development on the Life Course: A Consensus Document for Action. Nephron, 2017, 136, 3-49.	0.9	110
158	Troy/TNFRSF19 marks epithelial progenitor cells during mouse kidney development that continue to contribute to turnover in adult kidney. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11190-E11198.	3.3	19
159	Response to Nephron Loss in Early Development. , 2017, , 1074-1080.e3.		2
160	Developmental Origins and Nephron Endowment in Hypertension. Frontiers in Pediatrics, 2017, 5, 151.	0.9	32
161	Association Between Newborn Metabolic Profiles and Pediatric Kidney Disease. Kidney International Reports, 2018, 3, 691-700.	0.4	12
162	Conserved and Divergent Features of Human and Mouse Kidney Organogenesis. Journal of the American Society of Nephrology: JASN, 2018, 29, 785-805.	3.0	165
163	Mild Salt-Sensitive Hypertension in Genetically Determined Low Nephron Number is Associated with Chloride but Not Sodium Retention. Kidney and Blood Pressure Research, 2018, 43, 1-11.	0.9	11
164	Tick-Tock Chimes the Kidney Clock – from Biology of Renal Ageing to Clinical Applications. Kidney and Blood Pressure Research, 2018, 43, 55-67.	0.9	13
165	Serum creatinine during physiological perinatal dehydration may estimate individual nephron endowment. European Journal of Pediatrics, 2018, 177, 1383-1388.	1.3	2
166	Development of the Human Fetal Kidney from Mid to Late Gestation in Male and Female Infants. EBioMedicine, 2018, 27, 275-283.	2.7	93
167	Longâ€Term Effects of Neonatal Hyperoxia in Adult Mice. Anatomical Record, 2018, 301, 717-726.	0.8	23

ARTICLE IF CITATIONS # Birth weight influences the kidney size and function of Bangladeshi children. Journal of 0.7 8 168 Developmental Origins of Health and Disease, 2018, 9, 386-394. Social Determinants of Health: Addressing Unmet Needs in Nephrology. American Journal of Kidney 169 2.1 Diseases, 2018, 72, 582-591. Prenatal Growth and CKD in Older Adults: Longitudinal Findings From the Helsinki Birth Cohort 170 2.1 62 Study, 1924-1944. American Journal of Kidney Diseases, 2018, 71, 20-26. Haploinsufficiency for the Six2 gene increases nephron progenitor proliferation promoting branching and nephron number. Kidney International, 2018, 93, 589-598. Association of preterm birth and small for gestational age with metabolic outcomes inÂchildren and adolescents: A population-based cohort study from Taiwan. Pediatrics and Neonatology, 2018, 59, 173 0.3 38 147-153. Exposure to famine in early life and chronic kidney diseases in adulthood. Nutrition and Diabetes, 174 1.5 2018, 8, 4. Impacts of Diabetes and an SGLT2 Inhibitor on the Glomerular Number and Volume in db/db Mice, as 175 2.7 25 Estimated by Synchrotron Radiation Micro-CT at SPring-8. EBioMedicine, 2018, 36, 329-346. Immune cells and inflammation in AKI to CKD progression. American Journal of Physiology - Renal 1.3 Physiology, 2018, 315, F1501-F1512. The association of gestational age and birth weight with blood pressure among children: a Chinese 177 1.0 6 national study. Journal of Human Hypertension, 2018, 32, 651-659. APOL1 risk variants and kidney disease: what we know so far. Jornal Brasileiro De Nefrologia: Orgao 0.4 Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2018, 40, 388-402. Assessment of Fetal Kidney Growth and Birth Weight in an Indigenous Australian Cohort. Frontiers in 179 9 1.3 Physiology, 2018, 8, 1129. Antenatal exposure to nonsteroidal antiâ€inflammatory drugs and risk of neonatal hypertension. 1.0 Journal of Clinical Hypertension, 2018, 20, 1334-1341. Strategies to reduce non-communicable diseases in the offspring: negative and positive <i>in utero</i> 181 0.7 13 programming. Journal of Developmental Origins of Health and Disease, 2018, 9, 642-652. Normal sonographic renal length measurements in an Australian pediatric population. Pediatric Radiology, 2019, 49, 1754-1761. 1.1 Histology Atlas of the Developing Mouse Urinary System With Emphasis on Prenatal Days E10.5-E18.5. 183 0.9 12 Toxicologic Pathology, 2019, 47, 865-886. Resilience to acute kidney injury in offspring of maternal protein restriction. American Journal of 184 Physiology - Renal Physiology, 2019, 317, F1637-F1648. Combined Antioxidant and Glucocorticoid Therapy for Safer Treatment of Preterm Birth. Trends in 185 3.113 Endocrinology and Metabolism, 2019, 30, 258-269. Maternal–Infant Supplementation with Small-Quantity Lipid-Based Nutrient Supplements Does Not Affect Child Blood Pressure at 4–6 Y in Ghana: Follow-up of a Randomized Trial. Journal of Nutrition, 1.3 2019, 149, 522-531.

#	Article	IF	CITATIONS
187	Lin28 and let-7 regulate the timing of cessation of murine nephrogenesis. Nature Communications, 2019, 10, 168.	5.8	55
188	Prenatal Programming of Hypertension and Kidney and Cardiovascular Disease. , 2019, , 139-150.		0
189	Impact of prenatal and postnatal maternal environment on nephron endowment, renal function and blood pressure in the Lewis polycystic kidney rat. Journal of Developmental Origins of Health and Disease, 2019, 10, 154-163.	0.7	5
190	Lupus nephritis in Indigenous Australians: a singleâ€centre study. Internal Medicine Journal, 2020, 50, 830-837.	0.5	6
191	Podocyte stress and detachment measured in urine are related to mean arterial pressure in healthyÂhumans. Kidney International, 2020, 98, 699-707.	2.6	21
192	Renal Hypoplasia, From Grossly Insufficient to Not Quite Enough: Consideration for Expanded Concepts Based Upon the Author's Perspective With Historical Review. Advances in Anatomic Pathology, 2020, 27, 311-330.	2.4	13
193	Quercetin treatment reduces the severity of renal dysplasia in a beta-catenin dependent manner. PLoS ONE, 2020, 15, e0234375.	1.1	3
194	Programmed Adult Kidney Disease: Importance of Fetal Environment. Frontiers in Physiology, 2020, 11, 586290.	1.3	6
195	Of Mice and Men: The Effect of Maternal Protein Restriction on Offspring's Kidney Health. Are Studies on Rodents Applicable to Chronic Kidney Disease Patients? A Narrative Review. Nutrients, 2020, 12, 1614.	1.7	6
196	Deletion of hypoxiaâ€responsive <i>microRNAâ€210</i> results in a sexâ€specific decrease in nephron number. FASEB Journal, 2020, 34, 5782-5799.	0.2	6
197	Bioenergetic Evolution Explains Prevalence of Low Nephron Number at Birth: Risk Factor for CKD. Kidney360, 2020, 1, 863-879.	0.9	14
198	Exploring the putative interactions between chronic kidney disease and chronic periodontitis. Critical Reviews in Microbiology, 2020, 46, 61-77.	2.7	24
199	Porcine models for studying complications and organ crosstalk in diabetes mellitus. Cell and Tissue Research, 2020, 380, 341-378.	1.5	54
200	A practical guide to the stereological assessment of glomerular number, size, and cellular composition. Anatomical Record, 2020, 303, 2679-2692.	0.8	5
201	One size does not fit all: understanding individual living kidney donor risk. Pediatric Nephrology, 2021, 36, 259-269.	0.9	4
202	Kidney Microstructural Features at the Time of Donation Predict Long-term Risk of Chronic Kidney Disease in Living Kidney Donors. Mayo Clinic Proceedings, 2021, 96, 40-51.	1.4	24
203	Nephrology in Australia. , 2021, , 701-721.		0
205	Mapping nephron mass in vivo using positron emission tomography. American Journal of Physiology - Renal Physiology, 2021, 320, F183-F192.	1.3	7

#	Article	IF	CITATIONS
206	Consequences of exposure to prenatal famine on estimated glomerular filtration rate and risk of chronic kidney disease among survivors of the great Ethiopian famine (1983–85): a historical cohort study. Nutrition Journal, 2021, 20, 19.	1.5	7
207	The Rhesus Macaque Serves As a Model for Human Lateral Branch Nephrogenesis. Journal of the American Society of Nephrology: JASN, 2021, 32, 1097-1112.	3.0	12
208	A Systematic Review of Renal Pathology in Chronic Kidney Disease of Uncertain Etiology. Kidney International Reports, 2021, 6, 1711-1728.	0.4	15
209	Exposure of human fetal kidneys to mild analgesics interferes with early nephrogenesis. FASEB Journal, 2021, 35, e21718.	0.2	2
210	The selection and identification of compound housekeeping genes for quantitative realâ€ŧime polymerase chain reaction analysis in rat fetal kidney. Journal of Applied Toxicology, 2022, 42, 360-370.	1.4	1
211	The number of glomeruli and pyruvate metabolism is not strongly coupled in the healthy rat kidney. Magnetic Resonance in Medicine, 2022, 87, 896-903.	1.9	1
212	Global Perspective of Kidney Disease. , 2014, , 11-23.		6
213	Management of the Hypertensive Child. , 2009, , 1541-1576.		5
214	Response to Nephron Loss in Early Development. , 2011, , 1423-1428.		1
215	Nephron Endowment. , 2012, , 782-808.		2
215 216	Nephron Endowment. , 2012, , 782-808. Dietary Proteins in Obesity and in Diabetes. International Journal for Vitamin and Nutrition Research, 2011, 81, 125-133.	0.6	2 47
215 216 218	Nephron Endowment., 2012,, 782-808. Dietary Proteins in Obesity and in Diabetes. International Journal for Vitamin and Nutrition Research, 2011, 81, 125-133. New insights on glomerular hyperfiltration: a Japanese autopsy study. JCI Insight, 2017, 2, .	0.6	2 47 57
215 216 218 219	Nephron Endowment., 2012,, 782-808. Dietary Proteins in Obesity and in Diabetes. International Journal for Vitamin and Nutrition Research, 2011, 81, 125-133. New insights on glomerular hyperfiltration: a Japanese autopsy study. JCI Insight, 2017, 2, . Long Non-Coding RNA Expression Profile in the Kidneys of Male, Low Birth Weight Rats Exposed to Maternal Protein Restriction at Postnatal Day 1 and Day 10. PLoS ONE, 2015, 10, e0121587.	0.6 2.3 1.1	2 47 57 4
215 216 218 219 220	Nephron Endowment., 2012, , 782-808. Dietary Proteins in Obesity and in Diabetes. International Journal for Vitamin and Nutrition Research, 2011, 81, 125-133. New insights on glomerular hyperfiltration: a Japanese autopsy study. JCI Insight, 2017, 2, . Long Non-Coding RNA Expression Profile in the Kidneys of Male, Low Birth Weight Rats Exposed to Maternal Protein Restriction at Postnatal Day 1 and Day 10. PLoS ONE, 2015, 10, e0121587. Missense Mutation of POU Domain Class 3 Transcription Factor 3 in Pou3f3L423P Mice Causes Reduced Nephron Number and Impaired Development of the Thick Ascending Limb of the Loop of Henle. PLoS ONE, 2016, 11, e0158977.	0.6 2.3 1.1 1.1	2 47 57 4 16
215 216 218 219 220 221	Nephron Endowment. , 2012, , 782-808.Dietary Proteins in Obesity and in Diabetes. International Journal for Vitamin and Nutrition Research, 2011, 81, 125-133.New insights on glomerular hyperfiltration: a Japanese autopsy study. JCI Insight, 2017, 2, .Long Non-Coding RNA Expression Profile in the Kidneys of Male, Low Birth Weight Rats Exposed to Maternal Protein Restriction at Postnatal Day 1 and Day 10. PLoS ONE, 2015, 10, e0121587.Missense Mutation of POU Domain Class 3 Transcription Factor 3 in Pou3f3L423P Mice Causes Reduced Nephron Number and Impaired Development of the Thick Ascending Limb of the Loop of Henle. PLoS ONE, 2016, 11, e0158977.Risk of hypertension following perinatal adversity: IUGR and prematurity. Journal of Endocrinology, 2019, 242, T21-T32.	0.6 2.3 1.1 1.1 1.2	2 47 57 4 16 19
215 216 218 219 220 221	Nephron Endowment., 2012,, 782-808. Dietary Proteins in Obesity and in Diabetes. International Journal for Vitamin and Nutrition Research, 2011, 81, 125-133. New insights on glomerular hyperfiltration: a Japanese autopsy study. JCl Insight, 2017, 2, . Long Non-Coding RNA Expression Profile in the Kidneys of Male, Low Birth Weight Rats Exposed to Maternal Protein Restriction at Postnatal Day 1 and Day 10. PLoS ONE, 2015, 10, e0121587. Missense Mutation of POU Domain Class 3 Transcription Factor 3 in Pou3f3L423P Mice Causes Reduced Nephron Number and Impaired Development of the Thick Ascending Limb of the Loop of Henle. PLoS ONE, 2016, 11, e0158977. Risk of hypertension following perinatal adversity: IUGR and prematurity. Journal of Endocrinology, 2019, 242, T21-T32. Histopathology of Chronic Kidney Disease of Unknown Etiology in Salvadoran Agricultural Communities. MEDICC Review, 2014, 16, 49.	0.6 2.3 1.1 1.2 0.5	2 47 57 4 16 19 77
 215 216 218 219 220 221 222 223 	Nephron Endowment., 2012, , 782-808. Dietary Proteins in Obesity and in Diabetes. International Journal for Vitamin and Nutrition Research, 2011, 81, 125-133. New insights on glomerular hyperfiltration: a Japanese autopsy study. JCI Insight, 2017, 2, . Long Non-Coding RNA Expression Profile in the Kidneys of Male, Low Birth Weight Rats Exposed to Maternal Protein Restriction at Postnatal Day 1 and Day 10. PLoS ONE, 2015, 10, e0121587. Missense Mutation of POU Domain Class 3 Transcription Factor 3 in Pou3f3L423P Mice Causes Reduced Nephron Number and Impaired Development of the Thick Ascending Limb of the Loop of Henle. PLoS ONE, 2016, 11, e0158977. Risk of hypertension following perinatal adversity: IUGR and prematurity. Journal of Endocrinology, 2019, 242, T21-T32. Histopathology of Chronic Kidney Disease of Unknown Etiology in Salvadoran Agricultural Communities. MEDICC Review, 2014, 16, 49. Evaluating Safety and Efficacy of Rabbit Antithymocyte Clobulin Induction in Elderly Kidney Transplant Recipients. Experimental and Clinical Transplantation, 2013, 11, 222-228.	0.6 2.3 1.1 1.2 0.5 0.2	2 47 57 4 16 19 77 14

#	Article	IF	CITATIONS
225	Lifestyle, Nutrition, and Hypertensive Disorders during Pregnancy. , 2012, , 207-236.		1
226	The effects of consuming a medium-high protein diet on weight loss, body composition and satiety: A Pilot Study International Journal of Food, Nutrition and Public Health, 2013, 6, 105-121.	0.1	0
227	Lessons on Kidney Development from Experimental Studies. Current Clinical Pathology, 2014, , 67-79.	0.0	0
228	Management of the Hypertensive Child. , 2014, , 1-87.		0
230	Management of the Hypertensive Child. , 2016, , 2023-2097.		0
231	Early Postnatal Stunting Increases Risk of Hypertension among Young Rural Adults from India- Pune Rural Cohort. Journal of Nutrition and Health Sciences, 2016, 3, .	0.2	Ο
232	Selection of antihypertensive therapy in elderly patients, combination therapy: thiazide-like diuretics and calcium channel blockers. Russian Journal of Cardiology, 2018, , 117-122.	0.4	0
233	A Study on the Anatomical Variations in Diaphyseal Nutrient Foramina of Humerus and its Clinical Implications. International Journal of Current Research and Review (discontinued), 2019, 11, 16-22.	0.1	0
234	Pediatric Hypertension. Current Treatment Options in Pediatrics, 2019, 5, 61-77.	0.2	1
236	A Patient with Progressive Renal Insufficiency in Chronic Heart Failure with Reduced Ejection Fraction. , 2020, , 75-87.		0
237	Multicystic Dysplastic Kidney. Journal of Ultrasound in Medicine, 2021, 40, 2165-2171.	0.8	4
238	Prenatal causes of kidney diseases. African Journal of Nephrology, 2012, 15, .	0.1	Ο
239	Fundamentals of Epithelial Na+ Absorption. Physiology in Health and Disease, 2020, , 291-336.	0.2	0
240	Imaging intact human organs with local resolution of cellular structures using hierarchical phase-contrast tomography. Nature Methods, 2021, 18, 1532-1541.	9.0	113
241	Progenitor translatome changes coordinated by Tsc1 increase perception of Wnt signals to end nephrogenesis. Nature Communications, 2021, 12, 6332.	5.8	10
242	Short adult height increases the risk of end-stage renal disease in type 2 diabetes. Endocrine Connections, 2020, 9, 912-921.	0.8	0
243	Fetal Undernutrition Programming, Sympathetic Nerve Activity, and Arterial Hypertension Development. Frontiers in Physiology, 2021, 12, 704819.	1.3	10
244	Short adult height increases the risk of end-stage renal disease in type 2 diabetes. Endocrine	0.8	1

#	Article	IF	Citations
245	Prematurity and Low Birth Weight in Neonates as a Risk Factor for Obesity, Hypertension, and Chronic Kidney Disease in Pediatric and Adult Age. Frontiers in Medicine, 2021, 8, 769734.	1.2	22
246	Glomerular Biomechanical Stress and Lipid Mediators during Cellular Changes Leading to Chronic Kidney Disease. Biomedicines, 2022, 10, 407.	1.4	3
247	Kidney glomerular filtration rate plasticity after transplantation. CKJ: Clinical Kidney Journal, 2022, 15, 841-844.	1.4	1
248	MicroRNAs in kidney development and disease. JCI Insight, 2022, 7, .	2.3	16
250	Urine podocyte mRNA loss in preterm infants and related perinatal risk factors. Pediatric Nephrology, 2023, 38, 729-738.	0.9	4
251	Principles of human and mouse nephron development. Nature Reviews Nephrology, 2022, 18, 628-642.	4.1	15
252	Preterm Birth, Kidney Function and Cardiovascular Disease in Children and Adolescents. Children, 2022, 9, 1130.	0.6	1
253	Clinical and pathological investigation of oligomeganephronia. Pediatric Nephrology, 2023, 38, 757-762.	0.9	2
254	The Combined Effect of Birth Weight and Lifestyle on Clustered Cardio-Metabolic Risk Factors in Children and Adolescents: A National School-Based Cross-Sectional Survey. Nutrients, 2022, 14, 3131.	1.7	0
255	Associations of maternal and foetoplacental factors with prehypertension/hypertension in early childhood. Journal of Hypertension, 2022, 40, 2171-2179.	0.3	0
256	Regulation of nephron progenitor cell lifespan and nephron endowment. Nature Reviews Nephrology, 2022, 18, 683-695.	4.1	13
257	Plant-Based Diets Improve Maternal–Fetal Outcomes in CKD Pregnancies. Nutrients, 2022, 14, 4203.	1.7	4
258	Histone deacetylases 1 and 2 target gene regulatory networks of nephron progenitors to control nephrogenesis. Biochemical Pharmacology, 2022, 206, 115341.	2.0	0
259	Morphometric Study of the Nutrient Foramen of the Humerus in the Population of Bihar. Cureus, 2022, , .	0.2	0
260	Ethnic disparities in pregnancy-related acute kidney injury in a United Kingdom population. Journal of Nephrology, 0, , .	0.9	0
261	Low nephron endowment increases susceptibility to renal stress and chronic kidney disease. JCI Insight, 2023, 8, .	2.3	3
262	Preterm birth leads to a decreased number of differentiated podocytes and accelerated podocyte differentiation. Frontiers in Cell and Developmental Biology, 0, 11, .	1.8	0
263	The Association Between Kidney Donor Profile Index and 1-y Graft Function. Transplantation Direct, 2023, 9, e1476.	0.8	0

#	Article	IF	CITATIONS
274	Tools and Techniques to Map Glomerular Distribution and Nephron Function Using MRI. , 2023, , 331-341.		0