

# John F. Bertram

## List of Publications by Year in descending order

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246  
papers

12,196  
citations

28190

55  
h-index

34900

98  
g-index

254  
all docs

254  
docs citations

254  
times ranked

9430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glomerular number and size in autopsy kidneys: The relationship to birth weight. <i>Kidney International</i> , 2003, 63, 2113-2122.	2.6	647
2	Effect of fetal and child health on kidney development and long-term risk of hypertension and kidney disease. <i>Lancet, The</i> , 2013, 382, 273-283.	6.3	440
3	Human nephron number: implications for health and disease. <i>Pediatric Nephrology</i> , 2011, 26, 1529-1533.	0.9	405
4	A stereological study of glomerular number and volume: Preliminary findings in a multiracial study of kidneys at autopsy. <i>Kidney International</i> , 2003, 63, S31-S37.	2.6	295
5	Nephron Number, Hypertension, Renal Disease, and Renal Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 2557-2564.	3.0	276
6	Endothelial-Myofibroblast Transition Contributes to the Early Development of Diabetic Renal Interstitial Fibrosis in Streptozotocin-Induced Diabetic Mice. <i>American Journal of Pathology</i> , 2009, 175, 1380-1388.	1.9	276
7	Accelerated Maturation and Abnormal Morphology in the Preterm Neonatal Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1365-1374.	3.0	267
8	Hypertension, glomerular number, and birth weight in African Americans and white subjects in the southeastern United States. <i>Kidney International</i> , 2006, 69, 671-678.	2.6	250
9	Blockade of Endothelial-Mesenchymal Transition by a Smad3 Inhibitor Delays the Early Development of Streptozotocin-Induced Diabetic Nephropathy. <i>Diabetes</i> , 2010, 59, 2612-2624.	0.3	243
10	Reduced nephron number and glomerulomegaly in Australian Aborigines: A group at high risk for renal disease and hypertension. <i>Kidney International</i> , 2006, 70, 104-110.	2.6	227
11	Retinal Neovascularization Is Prevented by Blockade of the Renin-Angiotensin System. <i>Hypertension</i> , 2000, 36, 1099-1104.	1.3	216
12	Role of microRNAs in kidney homeostasis and disease. <i>Kidney International</i> , 2012, 81, 617-627.	2.6	187
13	Resveratrol Inhibits Renal Fibrosis in the Obstructed Kidney. <i>American Journal of Pathology</i> , 2010, 177, 1065-1071.	1.9	181
14	Nephron number, glomerular volume, renal disease and hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2008, 17, 258-265.	1.0	169
15	Nephron Number, Renal Function, and Arterial Pressure in Aged GDNF Heterozygous Mice. <i>Hypertension</i> , 2003, 41, 335-340.	1.3	159
16	Renal Structural and Functional Repair in a Mouse Model of Reversal of Ureteral Obstruction. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 3623-3630.	3.0	146
17	Analyzing Renal Glomeruli with the New Stereology. <i>International Review of Cytology</i> , 1995, 161, 111-172.	6.2	143
18	Podocyte foot process broadening in experimental diabetic nephropathy: amelioration with renin-angiotensin blockade. <i>Diabetologia</i> , 2001, 44, 878-882.	2.9	137

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19	Glomerular number and size variability and risk for kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2011, 20, 7-15.	1.0	126
20	Prenatal corticosterone exposure results in altered AT1/AT2, nephron deficit and hypertension in the rat offspring. <i>Journal of Physiology</i> , 2007, 579, 503-513.	1.3	125
21	A high-resolution anatomical ontology of the developing murine genitourinary tract. <i>Gene Expression Patterns</i> , 2007, 7, 680-699.	0.3	125
22	A Common RET Variant Is Associated with Reduced Newborn Kidney Size and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 2027-2034.	3.0	118
23	Is nephrogenesis affected by preterm birth? Studies in a non-human primate model. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F1668-F1677.	1.3	117
24	Total numbers of glomeruli and individual glomerular cell types in the normal rat kidney. <i>Cell and Tissue Research</i> , 1992, 270, 37-45.	1.5	112
25	In vitro differentiation of murine embryonic stem cells toward a renal lineage. <i>Differentiation</i> , 2007, 75, 337-349.	1.0	111
26	Prenatal Exposure to Alcohol Reduces Nephron Number and Raises Blood Pressure in Progeny. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 1891-1902.	3.0	110
27	Angiogenesis occurs by vessel elongation in proliferative phase human endometrium. <i>Human Reproduction</i> , 2002, 17, 1199-1206.	0.4	107
28	Compensatory Renal Growth after Unilateral Nephrectomy in the Ovine Fetus. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 406-410.	3.0	107
29	Associations of Glomerular Number and Birth Weight With Clinicopathological Features of African Americans and Whites. <i>American Journal of Kidney Diseases</i> , 2008, 52, 18-28.	2.1	106
30	Effects of dietary protein restriction on nephron number in the mouse. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R1768-R1774.	0.9	105
31	The Contribution of Bone Marrow-Derived Cells to the Development of Renal Interstitial Fibrosis. <i>Stem Cells</i> , 2007, 25, 697-706.	1.4	103
32	Combined prenatal and postnatal protein restriction influences adult kidney structure, function, and arterial pressure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R462-R469.	0.9	102
33	Determinants of Glomerular Volume in Different Cortical Zones of the Human Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 3102-3109.	3.0	98
34	Development of the Human Fetal Kidney from Mid to Late Gestation in Male and Female Infants. <i>EBioMedicine</i> , 2018, 27, 275-283.	2.7	93
35	Glomerular Endothelial Cell Injury and Damage Precedes That of Podocytes in Adriamycin-Induced Nephropathy. <i>PLoS ONE</i> , 2013, 8, e55027.	1.1	92
36	Review: Endothelial to myofibroblast transition, a new player in diabetic renal fibrosis. <i>Nephrology</i> , 2010, 15, 507-512.	0.7	90

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37	An Atypical Parvovirus Drives Chronic Tubulointerstitial Nephropathy and Kidney Fibrosis. <i>Cell</i> , 2018, 175, 530-543.e24.	13.5	89
38	Renal cilia display length alterations following tubular injury and are present early in epithelial repair. <i>Nephrology Dialysis Transplantation</i> , 2007, 23, 834-841.	0.4	87
39	Measuring glomerular number and size in perfused kidneys using MRI. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, F1454-F1457.	1.3	87
40	MRI-based glomerular morphology and pathology in whole human kidneys. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F1381-F1390.	1.3	87
41	Counting in the kidney. <i>Kidney International</i> , 2001, 59, 792-796.	2.6	82
42	Nephron endowment in glial cell line-derived neurotrophic factor (GDNF) heterozygous mice. <i>Kidney International</i> , 2001, 60, 31-36.	2.6	81
43	Inhibition of p38 Mitogen-Activated Protein Kinase and Transforming Growth Factor- $\beta$ 21/Smad Signaling Pathways Modulates the Development of Fibrosis in Adriamycin-Induced Nephropathy. <i>American Journal of Pathology</i> , 2006, 169, 1527-1540.	1.9	81
44	Hypertension, glomerular hypertrophy and nephrosclerosis: the effect of race. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1399-1409.	0.4	77
45	A stereological study of the renal glomerular vasculature in the db/db mouse model of diabetic nephropathy. <i>Journal of Anatomy</i> , 2005, 207, 813-821.	0.9	74
46	Is There Such a Thing as a Renal Stem Cell?. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 2112-2117.	3.0	71
47	The early development of the kidney and implications for future health. <i>Journal of Developmental Origins of Health and Disease</i> , 2010, 1, 216-233.	0.7	70
48	Prenatal glucocorticoid exposure in the sheep alters renal development in utero: implications for adult renal function and blood pressure control. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R500-R509.	0.9	69
49	mTOR-mediated podocyte hypertrophy regulates glomerular integrity in mice and humans. <i>JCI Insight</i> , 2019, 4, .	2.3	69
50	Glomerular size and glomerulosclerosis in Australian Aborigines. <i>American Journal of Kidney Diseases</i> , 2000, 36, 481-489.	2.1	64
51	Temporal and spatial transcriptional programs in murine kidney development. <i>Physiological Genomics</i> , 2005, 23, 159-171.	1.0	64
52	Factors Influencing Mammalian Kidney Development: Implications for Health in Adult Life. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2008, 196, 1-78.	1.0	63
53	Effects of dexamethasone exposure on rat metanephric development: in vitro and in vivo studies. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F548-F554.	1.3	61
54	Quantification of glomerular number and size distribution in normal rat kidneys using magnetic resonance imaging. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 100-107.	0.4	61

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55	Copy-number variation associated with congenital anomalies of the kidney and urinary tract. <i>Pediatric Nephrology</i> , 2015, 30, 487-495.	0.9	61
56	Podocyte Number in Children and Adults. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2277-2288.	3.0	61
57	Characterization of an animal model of hepatic metastasis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1996, 11, 26-32.	1.4	59
58	Expression and localization of fibroblast growth factors and fibroblast growth factor receptors in the developing rat kidney. <i>Kidney International</i> , 1999, 56, 2025-2039.	2.6	59
59	Validation of a Three-Dimensional Method for Counting and Sizing Podocytes in Whole Glomeruli. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3093-3104.	3.0	59
60	Repeated ethanol exposure during late gestation decreases nephron endowment in fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R568-R574.	0.9	58
61	New insights on glomerular hyperfiltration: a Japanese autopsy study. <i>JCI Insight</i> , 2017, 2, .	2.3	57
62	Fibroblast growth factor receptors and their ligands in the adult rat kidney. <i>Kidney International</i> , 2001, 60, 147-155.	2.6	56
63	Altered Ureteric Branching Morphogenesis and Nephron Endowment in Offspring of Diabetic and Insulin-Treated Pregnancy. <i>PLoS ONE</i> , 2013, 8, e58243.	1.1	55
64	Human podocyte depletion in association with older age and hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F656-F668.	1.3	55
65	Renal biopsy findings among Indigenous Australians: a nationwide review. <i>Kidney International</i> , 2012, 82, 1321-1331.	2.6	52
66	Cauli: A Mouse Strain with an Ift140 Mutation That Results in a Skeletal Ciliopathy Modelling Jeune Syndrome. <i>PLoS Genetics</i> , 2013, 9, e1003746.	1.5	52
67	Phenotyping by magnetic resonance imaging nondestructively measures glomerular number and volume distribution in mice with and without nephron reduction. <i>Kidney International</i> , 2016, 89, 498-505.	2.6	52
68	Reactive oxygen species in puromycin aminonucleoside nephrosis: In vitro studies. <i>Kidney International</i> , 1994, 45, 1057-1069.	2.6	50
69	Does a Nephron Deficit in Rats Predispose to Salt-Sensitive Hypertension?. <i>Kidney and Blood Pressure Research</i> , 2004, 27, 239-247.	0.9	50
70	The Where, What and Why of the Developing Renal Stroma. <i>Nephron Experimental Nephrology</i> , 2005, 99, e1-e8.	2.4	49
71	Subfractionation of Differentiating Human Embryonic Stem Cell Populations Allows the Isolation of a Mesodermal Population Enriched for Intermediate Mesoderm and Putative Renal Progenitors. <i>Stem Cells and Development</i> , 2010, 19, 1637-1648.	1.1	49
72	Glomerular size and glomerulosclerosis: Relationships to disease categories, glomerular solidification, and ischemic obsolescence. <i>American Journal of Kidney Diseases</i> , 2002, 39, 679-688.	2.1	48

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73	Is there an association between level of adult blood pressure and nephron number or renal filtration surface area?. <i>Kidney International</i> , 2004, 65, 582-588.	2.6	48
74	White adipocytes: More than just fat depots. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 435-440.	1.2	47
75	Estimating Total Nephron Number in the Adult Kidney Using the Physical Disector/Fractionator Combination. <i>Methods in Molecular Biology</i> , 2012, 886, 333-350.	0.4	46
76	CKD in Aboriginal Australians. <i>American Journal of Kidney Diseases</i> , 2010, 56, 983-993.	2.1	44
77	The emerging role of MRI in quantitative renal glomerular morphology. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1252-F1257.	1.3	44
78	In vitro studies on the roles of transforming growth factor- $\beta$ 1 in rat metanephric development. <i>Kidney International</i> , 2001, 59, 1641-1653.	2.6	43
79	Three-Dimensional Imaging Reveals Ureteric and Mesenchymal Defects in Fgfr2-Mutant Kidneys. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 2525-2533.	3.0	42
80	A comparison of nephron number, glomerular volume and kidney weight in Senegalese Africans and African Americans. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 1514-1520.	0.4	42
81	A design-based method for estimating glomerular number in the developing kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, F1448-F1453.	1.3	42
82	Estimating individual glomerular volume in the human kidney: clinical perspectives. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1880-1888.	0.4	42
83	Nephron endowment and blood pressure: What do we really know?. <i>Current Hypertension Reports</i> , 2004, 6, 133-139.	1.5	39
84	Augmented and Accelerated Nephrogenesis in TGF- $\beta$ 2 Heterozygous Mutant Mice. <i>Pediatric Research</i> , 2008, 63, 607-612.	1.1	39
85	Smad3 deficiency protects mice from obesity-induced podocyte injury that precedes insulin resistance. <i>Kidney International</i> , 2015, 88, 286-298.	2.6	39
86	Smad4 promotes diabetic nephropathy by modulating glycolysis and $\text{OXPHOS}$ . <i>EMBO Reports</i> , 2020, 21, e48781.	2.0	39
87	Exogenous BMP-4 amplifies asymmetric ureteric branching in the developing mouse kidney in vitro. <i>Kidney International</i> , 2005, 67, 420-431.	2.6	38
88	Bone morphogenetic protein signaling in the developing kidney: present and future. <i>Differentiation</i> , 2008, 76, 831-842.	1.0	38
89	Reduced nephron endowment due to fetal uninephrectomy impairs renal sodium handling in male sheep. <i>Clinical Science</i> , 2010, 118, 669-680.	1.8	38
90	Spatial gene expression in the T-stage mouse metanephros. <i>Gene Expression Patterns</i> , 2006, 6, 807-825.	0.3	37

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91	Nephron number and individual glomerular volumes in male Caucasian and African American subjects. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 2428-2433.	0.4	37
92	Distribution of Volumes of Individual Glomeruli in Kidneys at Autopsy: Association with Physical and Clinical Characteristics and with Ethnic Group. <i>American Journal of Nephrology</i> , 2011, 33, 15-20.	1.4	37
93	Angiotensin II induces cardiovascular hypertrophy in perindopril-treated rats. <i>Journal of Hypertension</i> , 1995, 13, 683-692.	0.3	36
94	Renal pathology, glomerular number and volume in a West African urban community. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 2576-2585.	0.4	36
95	Development of cardiovascular disease due to renal insufficiency in male sheep following fetal unilateral nephrectomy. <i>Journal of Hypertension</i> , 2009, 27, 386-396.	0.3	36
96	APOL1 Risk Alleles Are Associated with Exaggerated Age-Related Changes in Glomerular Number and Volume in African-American Adults. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 3179-3189.	3.0	36
97	Enalapril Does Not Prevent Renal Arterial Hypertrophy in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 1995, 25, 335-342.	1.3	36
98	Correlations between pharmacological responses and structure of human lung parenchyma strips. <i>British Journal of Pharmacology</i> , 1983, 80, 107-114.	2.7	35
99	Molecular regulation of nephron endowment. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 276, F485-F497.	1.3	35
100	Estimation of Glomerular Podocyte Number. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1193-1202.	3.0	35
101	Why and how we determine nephron number. <i>Pediatric Nephrology</i> , 2014, 29, 575-580.	0.9	35
102	Novel 3D analysis using optical tissue clearing documents the evolution of murine rapidly progressive glomerulonephritis. <i>Kidney International</i> , 2019, 96, 505-516.	2.6	35
103	Diffusive oxygen shunting between vessels in the preglomerular renal vasculature: anatomic observations and computational modeling. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F605-F618.	1.3	34
104	Blockade of p38 Mitogen-Activated Protein Kinase and TGF- $\beta$ 1/Smad Signaling Pathways Rescues Bone Marrow-Derived Peritubular Capillary Endothelial Cells in Adriamycin-Induced Nephrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 2799-2811.	3.0	33
105	Three-Dimensional Printing of Archived Human Fetal Material for Teaching Purposes. <i>Anatomical Sciences Education</i> , 2019, 12, 90-96.	2.5	33
106	Glomerulomegaly in Australian Aborigines. <i>Nephrology</i> , 1998, 4, S46-S53.	0.7	32
107	Mutagenesis of the epithelial polarity gene, discs large 1, perturbs nephrogenesis in the developing mouse kidney. <i>Kidney International</i> , 2005, 68, 955-965.	2.6	32
108	Applicability of the glomerular size distribution coefficient in assessing human glomerular volume: the Weibel and Gomez method revisited. <i>Journal of Anatomy</i> , 2007, 210, 578-582.	0.9	32

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109	A rodent model of low- to moderate-dose ethanol consumption during pregnancy: patterns of ethanol consumption and effects on fetal and offspring growth. <i>Reproduction, Fertility and Development</i> , 2012, 24, 859.	0.1	32
110	Efficient Small Blob Detection Based on Local Convexity, Intensity and Shape Information. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 1127-1137.	5.4	32
111	Does nephron number matter in the development of kidney disease?. <i>Ethnicity and Disease</i> , 2006, 16, S2-40-5.	1.0	32
112	Deletion of <i>Frs2</i> from the ureteric epithelium causes renal hypoplasia. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F1208-F1219.	1.3	31
113	Kidney disease in children: latest advances and remaining challenges. <i>Nature Reviews Nephrology</i> , 2016, 12, 182-191.	4.1	31
114	How Many Glomerular Profiles Must Be Measured to Obtain Reliable Estimates of Mean Glomerular Areas in Human Renal Biopsies?. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 556-563.	3.0	30
115	Sex differences in postnatal growth and renal development in offspring of rabbit mothers with chronic secondary hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R706-R714.	0.9	30
116	Towards a definition of glomerulomegaly: clinical-pathological and methodological considerations. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 2202-2208.	0.4	30
117	Biopsy-based estimation of total nephron number in Japanese living kidney donors. <i>Clinical and Experimental Nephrology</i> , 2019, 23, 629-637.	0.7	30
118	BMPs and BMP receptors in mouse metanephric development: in vivo and in vitro studies. <i>International Journal of Developmental Biology</i> , 2002, 46, 525-33.	0.3	30
119	Antigen-induced airway inflammation in the Brown Norway rat results in airway smooth muscle hyperplasia. <i>Journal of Applied Physiology</i> , 2002, 93, 1833-1840.	1.2	29
120	Counting glomeruli and podocytes. <i>Current Opinion in Nephrology and Hypertension</i> , 2015, 24, 1.	1.0	29
121	The use of the optical disector to estimate the total number of neurons in the developing chick lateral motor column: Effects of purified growth factors. <i>The Anatomical Record</i> , 1991, 231, 416-424.	2.3	28
122	Expression of Bone Morphogenetic Protein Receptors in the Developing Mouse Metanephros. <i>Nephron Experimental Nephrology</i> , 2001, 9, 372-379.	2.4	28
123	Associations between age, body size and nephron number with individual glomerular volumes in urban West African males. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 1500-1506.	0.4	28
124	Correlation of histopathological features and renal impairment in autosomal dominant Alport syndrome in Bull terriers. <i>Nephrology Dialysis Transplantation</i> , 2002, 17, 1897-1908.	0.4	27
125	Resolvin D1 Protects Podocytes in Adriamycin-Induced Nephropathy through Modulation of 14-3-3 <sup>σ</sup> Acetylation. <i>PLoS ONE</i> , 2013, 8, e67471.	1.1	27
126	Vascular geometry and oxygen diffusion in the vicinity of artery-vein pairs in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F1111-F1122.	1.3	27



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127	Indomethacin, ibuprofen and gentamicin administered during late stages of glomerulogenesis do not reduce glomerular number at 14 days of age in the neonatal rat. <i>Pediatric Nephrology</i> , 2009, 24, 1143-1149.	0.9	26
128	Estimating Nephron Number in the Developing Kidney Using the Physical Disector/Fractionator Combination. <i>Methods in Molecular Biology</i> , 2012, 886, 109-119.	0.4	25
129	Betaglycan Is Required for the Establishment of Nephron Endowment in the Mouse. <i>PLoS ONE</i> , 2011, 6, e18723.	1.1	25
130	Kidney Development: Core Curriculum 2011. <i>American Journal of Kidney Diseases</i> , 2011, 57, 948-958.	2.1	24
131	Mechanism of alcohol-induced impairment in renal development: Could it be reduced by retinoic acid?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 807-813.	0.9	24
132	Low-dose maternal alcohol consumption: effects in the hearts of offspring in early life and adulthood. <i>Physiological Reports</i> , 2014, 2, e12087.	0.7	24
133	Influence of tissue composition on the final volume of rat liver blocks prepared for electron microscopy. <i>Journal of Electron Microscopy Technique</i> , 1986, 4, 303-314.	1.1	23
134	Biphasic glomerular hypertrophy in rats administered puromycin aminonucleoside. <i>Kidney International</i> , 1996, 50, 768-775.	2.6	23
135	Glomerular hypertrophy in subjects with low nephron number: contributions of sex, body size and race. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1686-1695.	0.4	23
136	Expression of fibroblast growth factors and their receptors in rat glomeruli. <i>Kidney International</i> , 1997, 51, 1729-1738.	2.6	22
137	Nephron number and blood pressure in rat offspring with maternal high-protein diet. <i>Pediatric Nephrology</i> , 2002, 17, 1000-1004.	0.9	22
138	Expression Patterns and Roles of Periostin During Kidney and Ureter Development. <i>Journal of Urology</i> , 2011, 186, 1537-1544.	0.2	22
139	NEPHRON NUMBER IN THE OFFSPRING OF RATS FED A LOW PROTEIN DIET DURING PREGNANCY. <i>Image Analysis and Stereology</i> , 2000, 19, 219.	0.4	22
140	The lung parenchyma strip. <i>Trends in Pharmacological Sciences</i> , 1984, 5, 7-9.	4.0	21
141	Counting cells with the new stereology. <i>Trends in Cell Biology</i> , 1992, 2, 177-180.	3.6	21
142	Ureteric branching morphogenesis in BMP4 heterozygous mutant mice. <i>Journal of Anatomy</i> , 2006, 209, 745-755.	0.9	21
143	Estimation of nephron number in living humans by combining unenhanced computed tomography with biopsy-based stereology. <i>Scientific Reports</i> , 2019, 9, 14400.	1.6	21
144	Clearly imaging and quantifying the kidney in 3D. <i>Kidney International</i> , 2021, 100, 780-786.	2.6	21

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145	Tamoxifen inhibits colorectal cancer metastases in the liver: A study in a murine model. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1998, 13, 521-527.	1.4	20
146	Maternal low protein diet programmes low ovarian reserve in offspring. <i>Reproduction</i> , 2018, 156, 299-311.	1.1	20
147	Light-microscopic immunolocalization of fibroblast growth factor-1 and -2 in adult rat kidney. <i>Cell and Tissue Research</i> , 1996, 285, 179-187.	1.5	19
148	High nephron endowment protects against salt-induced hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F253-F258.	1.3	19
149	Maternal glucose intolerance reduces offspring nephron endowment and increases glomerular volume in adult offspring. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 816-826.	1.7	19
150	APOL1 Risk Alleles Are Associated With More Severe Arteriosclerosis in Renal Resistance Vessels With Aging and Hypertension. <i>Kidney International Reports</i> , 2016, 1, 10-23.	0.4	19
151	Effect of angiotensin-converting enzyme inhibition on renal filtration surface area in hypertensive rats. <i>Kidney International</i> , 2001, 60, 1837-1843.	2.6	18
152	Urine-concentrating defects exacerbate with age in male offspring with a low-nephron endowment. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, F1168-F1176.	1.3	18
153	Design-based stereological methods for estimating numbers of glomerular podocytes. <i>Annals of Anatomy</i> , 2014, 196, 48-56.	1.0	18
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