

# John F. Bertram

## List of Publications by Citations

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240  
papers

10,177  
citations

53  
h-index

90  
g-index

254  
ext. papers

11,228  
ext. citations

5.4  
avg, IF

6.03  
L-index

#	Paper	IF	Citations
240	Glomerular number and size in autopsy kidneys: the relationship to birth weight. <i>Kidney International</i> , <b>2003</b> , 63, 2113-22	9.9	566
239	Effect of fetal and child health on kidney development and long-term risk of hypertension and kidney disease. <i>Lancet, The</i> , <b>2013</b> , 382, 273-83	4.0	325
238	Human nephron number: implications for health and disease. <i>Pediatric Nephrology</i> , <b>2011</b> , 26, 1529-33	3.2	315
237	A stereological study of glomerular number and volume: preliminary findings in a multiracial study of kidneys at autopsy. <i>Kidney International</i> , <b>2003</b> , S31-7	9.9	256
236	Endothelial-myofibroblast transition contributes to the early development of diabetic renal interstitial fibrosis in streptozotocin-induced diabetic mice. <i>American Journal of Pathology</i> , <b>2009</b> , 175, 1380-8	5.8	237
235	Nephron number, hypertension, renal disease, and renal failure. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 2557-64	12.7	231
234	Hypertension, glomerular number, and birth weight in African Americans and white subjects in the southeastern United States. <i>Kidney International</i> , <b>2006</b> , 69, 671-8	9.9	215
233	Accelerated maturation and abnormal morphology in the preterm neonatal kidney. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2011</b> , 22, 1365-74	12.7	213
232	Retinal neovascularization is prevented by blockade of the renin-angiotensin system. <i>Hypertension</i> , <b>2000</b> , 36, 1099-104	8.5	201
231	Reduced nephron number and glomerulomegaly in Australian Aborigines: a group at high risk for renal disease and hypertension. <i>Kidney International</i> , <b>2006</b> , 70, 104-10	9.9	192
230	Blockade of endothelial-mesenchymal transition by a Smad3 inhibitor delays the early development of streptozotocin-induced diabetic nephropathy. <i>Diabetes</i> , <b>2010</b> , 59, 2612-24	0.9	189
229	Role of microRNAs in kidney homeostasis and disease. <i>Kidney International</i> , <b>2012</b> , 81, 617-27	9.9	161
228	Resveratrol inhibits renal fibrosis in the obstructed kidney: potential role in deacetylation of Smad3. <i>American Journal of Pathology</i> , <b>2010</b> , 177, 1065-71	5.8	154
227	Nephron number, glomerular volume, renal disease and hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2008</b> , 17, 258-65	3.5	146
226	Nephron number, renal function, and arterial pressure in aged GDNF heterozygous mice. <i>Hypertension</i> , <b>2003</b> , 41, 335-40	8.5	143
225	Podocyte foot process broadening in experimental diabetic nephropathy: amelioration with renin-angiotensin blockade. <i>Diabetologia</i> , <b>2001</b> , 44, 878-82	10.3	126
224	Renal structural and functional repair in a mouse model of reversal of ureteral obstruction. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 3623-30	12.7	124

223	Analyzing renal glomeruli with the new stereology. <i>International Review of Cytology</i> , <b>1995</b> , 161, 111-72		123
222	A high-resolution anatomical ontology of the developing murine genitourinary tract. <i>Gene Expression Patterns</i> , <b>2007</b> , 7, 680-99	1.5	114
221	A common RET variant is associated with reduced newborn kidney size and function. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2008</b> , 19, 2027-34	12.7	108
220	Prenatal corticosterone exposure results in altered AT1/AT2, nephron deficit and hypertension in the rat offspring. <i>Journal of Physiology</i> , <b>2007</b> , 579, 503-13	3.9	107
219	Total numbers of glomeruli and individual glomerular cell types in the normal rat kidney. <i>Cell and Tissue Research</i> , <b>1992</b> , 270, 37-45	4.2	103
218	In vitro differentiation of murine embryonic stem cells toward a renal lineage. <i>Differentiation</i> , <b>2007</b> , 75, 337-49	3.5	101
217	Glomerular number and size variability and risk for kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2011</b> , 20, 7-15	3.5	98
216	Is nephrogenesis affected by preterm birth? Studies in a non-human primate model. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 297, F1668-77	4.3	97
215	Associations of glomerular number and birth weight with clinicopathological features of African Americans and whites. <i>American Journal of Kidney Diseases</i> , <b>2008</b> , 52, 18-28	7.4	94
214	The contribution of bone marrow-derived cells to the development of renal interstitial fibrosis. <i>Stem Cells</i> , <b>2007</b> , 25, 697-706	5.8	93
213	Compensatory renal growth after unilateral nephrectomy in the ovine fetus. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2002</b> , 13, 406-410	12.7	93
212	Effects of dietary protein restriction on nephron number in the mouse. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 292, R1768-74	3.2	91
211	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> , <b>2007</b> , 292, R462-9	3.2	89
210	Determinants of glomerular volume in different cortical zones of the human kidney. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 3102-9	12.7	87
209	Prenatal exposure to alcohol reduces nephron number and raises blood pressure in progeny. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2010</b> , 21, 1891-902	12.7	84
208	Angiogenesis occurs by vessel elongation in proliferative phase human endometrium. <i>Human Reproduction</i> , <b>2002</b> , 17, 1199-206	5.7	84
207	Review: Endothelial-myofibroblast transition, a new player in diabetic renal fibrosis. <i>Nephrology</i> , <b>2010</b> , 15, 507-12	2.2	80
206	Measuring glomerular number and size in perfused kidneys using MRI. <i>American Journal of Physiology - Renal Physiology</i> , <b>2011</b> , 300, F1454-7	4.3	79

205	Inhibition of p38 mitogen-activated protein kinase and transforming growth factor-beta1/Smad signaling pathways modulates the development of fibrosis in adriamycin-induced nephropathy. <i>American Journal of Pathology</i> , <b>2006</b> , 169, 1527-40	5.8	77
204	Nephron endowment in glial cell line-derived neurotrophic factor (GDNF) heterozygous mice. <i>Kidney International</i> , <b>2001</b> , 60, 31-6	9.9	74
203	MRI-based glomerular morphology and pathology in whole human kidneys. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 306, F1381-90	4.3	73
202	Counting in the kidney. <i>Kidney International</i> , <b>2001</b> , 59, 792-6	9.9	71
201	Renal cilia display length alterations following tubular injury and are present early in epithelial repair. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 834-41	4.3	70
200	A stereological study of the renal glomerular vasculature in the db/db mouse model of diabetic nephropathy. <i>Journal of Anatomy</i> , <b>2005</b> , 207, 813-21	2.9	70
199	Glomerular endothelial cell injury and damage precedes that of podocytes in adriamycin-induced nephropathy. <i>PLoS ONE</i> , <b>2013</b> , 8, e55027	3.7	70
198	Hypertension, glomerular hypertrophy and nephrosclerosis: the effect of race. <i>Nephrology Dialysis Transplantation</i> , <b>2014</b> , 29, 1399-409	4.3	61
197	Is there such a thing as a renal stem cell?. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 2112-7	12.7	61
196	Quantification of glomerular number and size distribution in normal rat kidneys using magnetic resonance imaging. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 100-7	4.3	60
195	Temporal and spatial transcriptional programs in murine kidney development. <i>Physiological Genomics</i> , <b>2005</b> , 23, 159-71	3.6	58
194	Characterization of an animal model of hepatic metastasis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>1996</b> , 11, 26-32	4	57
193	Glomerular size and glomerulosclerosis in Australian aborigines. <i>American Journal of Kidney Diseases</i> , <b>2000</b> , 36, 481-9	7.4	56
192	Development of the Human Fetal Kidney from Mid to Late Gestation in Male and Female Infants. <i>EBioMedicine</i> , <b>2018</b> , 27, 275-283	8.8	55
191	Effects of dexamethasone exposure on rat metanephric development: in vitro and in vivo studies. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 293, F548-54	4.3	55
190	Factors influencing mammalian kidney development: implications for health in adult life. <i>Advances in Anatomy, Embryology and Cell Biology</i> , <b>2008</b> , 196, 1-78	1.2	54
189	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> , <b>2011</b> , 301, R500-9	3.2	53
188	An Atypical Parvovirus Drives Chronic Tubulointerstitial Nephropathy and Kidney Fibrosis. <i>Cell</i> , <b>2018</b> , 175, 530-543.e24	56.2	53

187	Copy-number variation associated with congenital anomalies of the kidney and urinary tract. <i>Pediatric Nephrology</i> , <b>2015</b> , 30, 487-95	3.2	51
186	Repeated ethanol exposure during late gestation decreases nephron endowment in fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2008</b> , 295, R568-74	3.2	51
185	Expression and localization of fibroblast growth factors and fibroblast growth factor receptors in the developing rat kidney. <i>Kidney International</i> , <b>1999</b> , 56, 2025-39	9.9	51
184	Podocyte Number in Children and Adults: Associations with Glomerular Size and Numbers of Other Glomerular Resident Cells. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 2277-88	12.7	48
183	Does a nephron deficit in rats predispose to salt-sensitive hypertension?. <i>Kidney and Blood Pressure Research</i> , <b>2004</b> , 27, 239-47	3.1	47
182	Fibroblast growth factor receptors and their ligands in the adult rat kidney. <i>Kidney International</i> , <b>2001</b> , 60, 147-55	9.9	47
181	Is there an association between level of adult blood pressure and nephron number or renal filtration surface area?. <i>Kidney International</i> , <b>2004</b> , 65, 582-8	9.9	46
180	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> , <b>2010</b> , 19, 1637-48	4.4	45
179	Reactive oxygen species in puromycin aminonucleoside nephrosis: in vitro studies. <i>Kidney International</i> , <b>1994</b> , 45, 1057-69	9.9	45
178	Altered ureteric branching morphogenesis and nephron endowment in offspring of diabetic and insulin-treated pregnancy. <i>PLoS ONE</i> , <b>2013</b> , 8, e58243	3.7	44
177	Validation of a Three-Dimensional Method for Counting and Sizing Podocytes in Whole Glomeruli. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 3093-3104	12.7	43
176	The early development of the kidney and implications for future health. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2010</b> , 1, 216-33	2.4	43
175	Glomerular size and glomerulosclerosis: relationships to disease categories, glomerular solidification, and ischemic obsolescence. <i>American Journal of Kidney Diseases</i> , <b>2002</b> , 39, 679-88	7.4	42
174	CKD in Aboriginal Australians. <i>American Journal of Kidney Diseases</i> , <b>2010</b> , 56, 983-93	7.4	41
173	The where, what and why of the developing renal stroma. <i>Nephron Experimental Nephrology</i> , <b>2005</b> , 99, e1-8		41
172	Estimating total nephron number in the adult kidney using the physical disector/fractionator combination. <i>Methods in Molecular Biology</i> , <b>2012</b> , 886, 333-50	1.4	41
171	Phenotyping by magnetic resonance imaging nondestructively measures glomerular number and volume distribution in mice with and without nephron reduction. <i>Kidney International</i> , <b>2016</b> , 89, 498-505	9.9	40
170	White adipocytes: more than just fat depots. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2012</b> , 44, 435-40	5.6	40

169	The emerging role of MRI in quantitative renal glomerular morphology. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 304, F1252-7	4.3	40
168	New insights on glomerular hyperfiltration: a Japanese autopsy study. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	39
167	Human podocyte depletion in association with older age and hypertension. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 310, F656-F668	4.3	39
166	Three-dimensional imaging reveals ureteric and mesenchymal defects in Fgfr2-mutant kidneys. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 2525-33	12.7	38
165	In vitro studies on the roles of transforming growth factor-beta 1 in rat metanephric development. <i>Kidney International</i> , <b>2001</b> , 59, 1641-53	9.9	38
164	Augmented and accelerated nephrogenesis in TGF-beta2 heterozygous mutant mice. <i>Pediatric Research</i> , <b>2008</b> , 63, 607-12	3.2	37
163	A design-based method for estimating glomerular number in the developing kidney. <i>American Journal of Physiology - Renal Physiology</i> , <b>2011</b> , 300, F1448-53	4.3	36
162	Renal biopsy findings among Indigenous Australians: a nationwide review. <i>Kidney International</i> , <b>2012</b> , 82, 1321-31	9.9	36
161	Bone morphogenetic protein signaling in the developing kidney: present and future. <i>Differentiation</i> , <b>2008</b> , 76, 831-42	3.5	36
160	Exogenous BMP-4 amplifies asymmetric ureteric branching in the developing mouse kidney in vitro. <i>Kidney International</i> , <b>2005</b> , 67, 420-31	9.9	36
159	Nephron endowment and blood pressure: what do we really know?. <i>Current Hypertension Reports</i> , <b>2004</b> , 6, 133-9	4.7	35
158	Cauli: a mouse strain with an Ift140 mutation that results in a skeletal ciliopathy modelling Jeune syndrome. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003746	6	34
157	Development of cardiovascular disease due to renal insufficiency in male sheep following fetal unilateral nephrectomy. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 386-96	1.9	34
156	Smad3 deficiency protects mice from obesity-induced podocyte injury that precedes insulin resistance. <i>Kidney International</i> , <b>2015</b> , 88, 286-98	9.9	33
155	Estimating individual glomerular volume in the human kidney: clinical perspectives. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 1880-8	4.3	33
154	A comparison of nephron number, glomerular volume and kidney weight in Senegalese Africans and African Americans. <i>Nephrology Dialysis Transplantation</i> , <b>2010</b> , 25, 1514-20	4.3	33
153	Nephron number and individual glomerular volumes in male Caucasian and African American subjects. <i>Nephrology Dialysis Transplantation</i> , <b>2009</b> , 24, 2428-33	4.3	33
152	Renal pathology, glomerular number and volume in a West African urban community. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 2576-85	4.3	33

151	Spatial gene expression in the T-stage mouse metanephros. <i>Gene Expression Patterns</i> , <b>2006</b> , 6, 807-25	1.5	33
150	Reduced nephron endowment due to fetal uninephrectomy impairs renal sodium handling in male sheep. <i>Clinical Science</i> , <b>2010</b> , 118, 669-80	6.5	32
149	Angiotensin II induces cardiovascular hypertrophy in perindopril-treated rats. <i>Journal of Hypertension</i> , <b>1995</b> , 13, 683-92	1.9	32
148	Correlations between pharmacological responses and structure of human lung parenchyma strips. <i>British Journal of Pharmacology</i> , <b>1983</b> , 80, 107-14	8.6	32
147	Why and how we determine nephron number. <i>Pediatric Nephrology</i> , <b>2014</b> , 29, 575-80	3.2	31
146	Deletion of Frs2alpha from the ureteric epithelium causes renal hypoplasia. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 297, F1208-19	4.3	31
145	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> , <b>2011</b> , 33 Suppl 1, 15-20	4.6	31
144	Diffusive oxygen shunting between vessels in the preglomerular renal vasculature: anatomic observations and computational modeling. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 303, F605-18	4.3	31
143	Does nephron number matter in the development of kidney disease?. <i>Ethnicity and Disease</i> , <b>2006</b> , 16, S2-40-5	1.8	31
142	Estimation of glomerular podocyte number: a selection of valid methods. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2013</b> , 24, 1193-202	12.7	30
141	Blockade of p38 mitogen-activated protein kinase and TGF-beta1/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> , <b>2006</b> , 17, 2799-811	12.7	30
140	Enalapril does not prevent renal arterial hypertrophy in spontaneously hypertensive rats. <i>Hypertension</i> , <b>1995</b> , 25, 335-42	8.5	30
139	Counting glomeruli and podocytes: rationale and methodologies. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2015</b> , 24, 224-30	3.5	29
138	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> , <b>2012</b> , 24, 859-70	1.8	29
137	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> , <b>2007</b> , 292, R706-14	3.2	29
136	mTOR-mediated podocyte hypertrophy regulates glomerular integrity in mice and humans. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	29
135	APOL1 Risk Alleles Are Associated with Exaggerated Age-Related Changes in Glomerular Number and Volume in African-American Adults: An Autopsy Study. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 3179-89	12.7	27
134	Associations between age, body size and nephron number with individual glomerular volumes in urban West African males. <i>Nephrology Dialysis Transplantation</i> , <b>2009</b> , 24, 1500-6	4.3	27

133	Expression of bone morphogenetic protein receptors in the developing mouse metanephros. <i>Nephron Experimental Nephrology</i> , <b>2001</b> , 9, 372-9		27
132	Molecular regulation of nephron endowment. <i>American Journal of Physiology - Renal Physiology</i> , <b>1999</b> , 276, F485-97	4.3	27
131	BMPs and BMP receptors in mouse metanephric development: in vivo and in vitro studies. <i>International Journal of Developmental Biology</i> , <b>2002</b> , 46, 525-33	1.9	27
130	Glomerulomegaly in Australian Aborigines. <i>Nephrology</i> , <b>1998</b> , 4, S46-S53	2.2	26
129	Applicability of the glomerular size distribution coefficient in assessing human glomerular volume: the Weibel and Gomez method revisited. <i>Journal of Anatomy</i> , <b>2007</b> , 210, 578-82	2.9	25
128	Antigen-induced airway inflammation in the Brown Norway rat results in airway smooth muscle hyperplasia. <i>Journal of Applied Physiology</i> , <b>2002</b> , 93, 1833-40	3.7	25
127	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> , <b>1991</b> , 231, 416-24		25
126	Novel 3D analysis using optical tissue clearing documents the evolution of murine rapidly progressive glomerulonephritis. <i>Kidney International</i> , <b>2019</b> , 96, 505-516	9.9	24
125	Kidney disease in children: latest advances and remaining challenges. <i>Nature Reviews Nephrology</i> , <b>2016</b> , 12, 182-91	14.9	24
124	Mutagenesis of the epithelial polarity gene, discs large 1, perturbs nephrogenesis in the developing mouse kidney. <i>Kidney International</i> , <b>2005</b> , 68, 955-65	9.9	24
123	Vascular geometry and oxygen diffusion in the vicinity of artery-vein pairs in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 307, F1111-22	4.3	23
122	Estimating nephron number in the developing kidney using the physical disector/fractionator combination. <i>Methods in Molecular Biology</i> , <b>2012</b> , 886, 109-19	1.4	23
121	Biopsy-based estimation of total nephron number in Japanese living kidney donors. <i>Clinical and Experimental Nephrology</i> , <b>2019</b> , 23, 629-637	2.5	23
120	Kidney development: core curriculum 2011. <i>American Journal of Kidney Diseases</i> , <b>2011</b> , 57, 948-58	7.4	22
119	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> , <b>2006</b> , 17, 556-63	12.7	22
118	Nephron number and blood pressure in rat offspring with maternal high-protein diet. <i>Pediatric Nephrology</i> , <b>2002</b> , 17, 1000-4	3.2	22
117	Betaglycan is required for the establishment of nephron endowment in the mouse. <i>PLoS ONE</i> , <b>2011</b> , 6, e18723	3.7	22
116	Efficient Small Blob Detection Based on Local Convexity, Intensity and Shape Information. <i>IEEE Transactions on Medical Imaging</i> , <b>2016</b> , 35, 1127-37	11.7	21



115	Resolvin D1 protects podocytes in adriamycin-induced nephropathy through modulation of 14-3-3 $\sigma$ acetylation. <i>PLoS ONE</i> , <b>2013</b> , 8, e67471	3.7	21
114	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> , <b>2009</b> , 24, 1143-9	3.3	21
113	Towards a definition of glomerulomegaly: clinical-pathological and methodological considerations. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 2202-8	4.3	21
112	Biphasic glomerular hypertrophy in rats administered puromycin aminonucleoside. <i>Kidney International</i> , <b>1996</b> , 50, 768-75	9.9	21
111	Counting cells with the new stereology. <i>Trends in Cell Biology</i> , <b>1992</b> , 2, 177-80	18.3	21
110	Three-Dimensional Printing of Archived Human Fetal Material for Teaching Purposes. <i>Anatomical Sciences Education</i> , <b>2019</b> , 12, 90-96	6.8	20
109	Mechanism of alcohol-induced impairment in renal development: Could it be reduced by retinoic acid?. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 807-13	3	20
108	Ureteric branching morphogenesis in BMP4 heterozygous mutant mice. <i>Journal of Anatomy</i> , <b>2006</b> , 209, 745-55	2.9	20
107	Influence of tissue composition on the final volume of rat liver blocks prepared for electron microscopy. <i>Journal of Electron Microscopy Technique</i> , <b>1986</b> , 4, 303-314		20
106	The lung parenchyma strip. <i>Trends in Pharmacological Sciences</i> , <b>1984</b> , 5, 7-9	13.2	20
105	Glomerular hypertrophy in subjects with low nephron number: contributions of sex, body size and race. <i>Nephrology Dialysis Transplantation</i> , <b>2014</b> , 29, 1686-95	4.3	19
104	Expression of fibroblast growth factors and their receptors in rat glomeruli. <i>Kidney International</i> , <b>1997</b> , 51, 1729-38	9.9	19
103	NEPHRON NUMBER IN THE OFFSPRING OF RATS FED A LOW PROTEIN DIET DURING PREGNANCY. <i>Image Analysis and Stereology</i> , <b>2000</b> , 19, 219	1	19
102	Expression patterns and roles of periostin during kidney and ureter development. <i>Journal of Urology</i> , <b>2011</b> , 186, 1537-44	2.5	18
101	Light-microscopic immunolocalization of fibroblast growth factor-1 and -2 in adult rat kidney. <i>Cell and Tissue Research</i> , <b>1996</b> , 285, 179-87	4.2	18
100	Renal vascular resistance properties and glomerular protection in early established SHR hypertension. <i>Journal of Hypertension</i> , <b>2001</b> , 19, 1505-12	1.9	17
99	Low-dose maternal alcohol consumption: effects in the hearts of offspring in early life and adulthood. <i>Physiological Reports</i> , <b>2014</b> , 2, e12087	2.6	16
98	Design-based stereological methods for estimating numbers of glomerular podocytes. <i>Annals of Anatomy</i> , <b>2014</b> , 196, 48-56	2.9	16

97	Congenital anomalies of the kidney and urinary tract genetics in mice and men. <i>Nephrology</i> , <b>2015</b> , 20, 309-11	2.2	16
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2	Perinatal Programming of Arterial Pressure <b>2017</b> , 1-25		
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