Melissa H Little

List of Publications by Year
in descending order

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224
papers

15,159
citations

14614

66
h-index

23472

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239
all docs

239
docs citations

239
times ranked

12931
citing authors

#	ARTICLE	IF	CITATIONS
1	Kidney organoids from human iPS cells contain multiple lineages and model human nephrogenesis. Nature, 2015, 526, 564-568.	13.7	1,210
2	Directing human embryonic stem cell differentiation towards a renal lineage generates a self-organizing kidney. Nature Cell Biology, 2014, 16, 118-126.	4.6	640
3	A Side Order of Stem Cells: The SP Phenotype. Stem Cells, 2006, 24, 3-12.	1.4	464
4	Mammalian Kidney Development: Principles, Progress, and Projections. Cold Spring Harbor Perspectives in Biology, 2012, 4, a008300-a008300.	2.3	347
5	A clinical overview of WT1 gene mutations. , 1997, 9, 209-225.		327
6	Renal Subcapsular Transplantation of PSC-Derived Kidney Organoids Induces Neo-vasculogenesis and Significant Glomerular and Tubular Maturation InÂVivo. Stem Cell Reports, 2018, 10, 751-765.	2.3	304
7	Mice Lacking the Vascular Endothelial Growth Factor-B Gene (<i>Vegfb</i>) Have Smaller Hearts, Dysfunctional Coronary Vasculature, and Impaired Recovery From Cardiac Ischemia. Circulation Research, 2000, 86, E29-35.	2.0	250
8	Generation of kidney organoids from human pluripotent stem cells. Nature Protocols, 2016, 11, 1681-1692.	5.5	243
9	Modulation of DNA binding specificity by alternative splicing of the Wilms tumor wt1 gene transcript. Science, 1992, 257, 235-237.	6.0	236
10	Cellular extrusion bioprinting improves kidney organoid reproducibility and conformation. Nature Materials, 2021, 20, 260-271.	13.3	230
11	The GUDMAP database â€“ an online resource for genitourinary research. Development (Cambridge), 2011, 138, 2845-2853.	1.2	226
12	GUDMAP. Journal of the American Society of Nephrology: JASN, 2008, 19, 667-671.	3.0	225
13	Global Quantification of Tissue Dynamics in the Developing Mouse Kidney. Developmental Cell, 2014, 29, 188-202.	3.1	225
14	Analysis of early nephron patterning reveals a role for distal RV proliferation in fusion to the ureteric tip via a cap mesenchyme-derived connecting segment. Developmental Biology, 2009, 332, 273-286.	0.9	221
15	RNA binding by the Wilms tumor suppressor zinc finger proteins.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 7562-7566.	3.3	197
16	Atlas of Gene Expression in the Developing Kidney at Microanatomic Resolution. Developmental Cell, 2008, 15, 781-791.	3.1	196
17	Characterisation and trophic functions of murine embryonic macrophages based upon the use of a Csf1râ€“EGFP transgene reporter. Developmental Biology, 2007, 308, 232-246.	0.9	194
18	Evaluation of variability in human kidney organoids. Nature Methods, 2019, 16, 79-87.	9.0	176

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19	3D organoid-derived human glomeruli for personalised podocyte disease modelling and drug screening. Nature Communications, 2018, 9, 5167.	5.8	175
20	Evidence that WT1 mutations in Denys â€" Drash syndrome patients may act in a dominant-negative fashion. Human Molecular Genetics, 1993, 2, 259-264.	1.4	158
21	Single-cell analysis reveals congruence between kidney organoids and human fetal kidney. Genome Medicine, 2019, 11, 3.	3.6	158
22	Patient-iPSC-Derived Kidney Organoids Show Functional Validation of a Ciliopathic Renal Phenotype and Reveal Underlying Pathogenetic Mechanisms. American Journal of Human Genetics, 2018, 102, 816-831.	2.6	157
23	Zinc finger point mutations within the WT1 gene in Wilms tumor patients.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4791-4795.	3.3	153
24	Regrow or Repair: Potential Regenerative Therapies for the Kidney. Journal of the American Society of Nephrology: JASN, 2006, 17, 2390-2401.	3.0	153
25	Nephron formation adopts a novel spatial topology at cessation of nephrogenesis. Developmental Biology, 2011, 360, 110-122.	0.9	153
26	Distinct but overlapping expression patterns of two vertebrate slit homologs implies functional roles in CNS development and organogenesis. Mechanisms of Development, 1998, 79, 57-72.	1.7	148
27	Mutations in DZIP1L, which encodes a ciliary-transition-zone protein, cause autosomal recessive polycystic kidney disease. Nature Genetics, 2017, 49, 1025-1034.	9.4	148
28	Renal Structural and Functional Repair in a Mouse Model of Reversal of Ureteral Obstruction. Journal of the American Society of Nephrology: JASN, 2005, 16, 3623-3630.	3.0	146
29	Kidney Side Population Reveals Multilineage Potential and Renal Functional Capacity but also Cellular Heterogeneity. Journal of the American Society of Nephrology: JASN, 2006, 17, 1896-1912.	3.0	146
30	Advances in predictive in vitro models of drug-induced nephrotoxicity. Nature Reviews Nephrology, 2018, 14, 378-393.	4.1	134
31	Identifying the Molecular Phenotype of Renal Progenitor Cells. Journal of the American Society of Nephrology: JASN, 2004, 15, 2344-2357.	3.0	126
32	A high-resolution anatomical ontology of the developing murine genitourinary tract. Gene Expression Patterns, 2007, 7, 680-699.	0.3	125
33	Colony-Stimulating Factor-1 Promotes Kidney Growth and Repair via Alteration of Macrophage Responses. American Journal of Pathology, 2011, 179, 1243-1256.	1.9	124
34	Single cell analysis of the developing mouse kidney provides deeper insight into marker gene expression and ligand-receptor crosstalk. Development (Cambridge), 2019, 146, .	1.2	123
35	Direct Transcriptional Reprogramming of Adult Cells to Embryonic Nephron Progenitors. Journal of the American Society of Nephrology: JASN, 2013, 24, 1424-1434.	3.0	119
36	Defining the Molecular Character of the Developing and Adult Kidney Podocyte. PLoS ONE, 2011, 6, e24640.	1.1	116

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37	A zinc finger truncation of murine WT1 results in the characteristic urogenital abnormalities of Denys-Drash syndrome. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 2931-2936.	3.3	111
38	An illustrated anatomical ontology of the developing mouse lower urogenital tract. Development (Cambridge), 2015, 142, 1893-1908.	1.2	108
39	Comprehensive transcriptome and immunophenotype analysis of renal and cardiac MSC-like populations supports strong congruence with bone marrow MSC despite maintenance of distinct identities. Stem Cell Research, 2012, 8, 58-73.	0.3	107
40	An RNA recognition motif in Wilms' tumour protein (WT1) revealed by structural modelling. Nature Genetics, 1996, 12, 329-332.	9.4	106
41	Angioblast-mesenchyme induction of early kidney development is mediated by Wt1 and Vegfa. Development (Cambridge), 2005, 132, 5437-5449.	1.2	100
42	Luminal Mitosis Drives Epithelial Cell Dispersal within the Branching Ureteric Bud. Developmental Cell, 2013, 27, 319-330.	3.1	100
43	Midâ€•to late term hypoxia in the mouse alters placental morphology, glucocorticoid regulatory pathways and nutrient transporters in a sexâ€specific manner. Journal of Physiology, 2014, 592, 3127-3141.	1.3	99
44	DNA binding capacity of the WT1 protein is abolished by Denysâ€"Drash syndrome WT1 point mutations. Human Molecular Genetics, 1995, 4, 351-358.	1.4	98
45	Kidney Development. Current Topics in Developmental Biology, 2010, 90, 193-229.	1.0	98
46	The origin of the mammalian kidney: implications for recreating the kidney <i>in vitro</i>. Development (Cambridge), 2015, 142, 1937-1947.	1.2	98
47	Expression of the vertebrate Slit Gene family and their putative receptors, the Robo genes, in the developing murine kidney. Mechanisms of Development, 2000, 94, 213-217.	1.7	97
48	Kidney organoids: accurate models or fortunate accidents. Genes and Development, 2019, 33, 1319-1345.	2.7	97
49	Kidney micro-organoids in suspension culture as a scalable source of human pluripotent stem cell-derived kidney cells. Development (Cambridge), 2019, 146, .	1.2	97
50	CRIM1, a novel gene encoding a cysteine-rich repeat protein, is developmentally regulated and implicated in vertebrate CNS development and organogenesis. Mechanisms of Development, 2000, 90, 181-193.	1.7	95
51	Development of the Human Fetal Kidney from Mid to Late Gestation in Male and Female Infants. EBioMedicine, 2018, 27, 275-283.	2.7	93
52	CRIM1 Regulates the Rate of Processing and Delivery of Bone Morphogenetic Proteins to the Cell Surface. Journal of Biological Chemistry, 2003, 278, 34181-34188.	1.6	91
53	Stem cell options for kidney disease. Journal of Pathology, 2009, 217, 265-281.	2.1	91
54	M2 macrophage polarisation is associated with alveolar formation during postnatal lung development. Respiratory Research, 2013, 14, 41.	1.4	89

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55	A Cas9 Variant for Efficient Generation of Indel-Free Knockin or Gene-Corrected Human Pluripotent Stem Cells. Stem Cell Reports, 2016, 7, 508-517.	2.3	88
56	Overexpression of a Slit Homologue Impairs Convergent Extension of the Mesoderm and Causes Cyclopia in Embryonic Zebrafish. Developmental Biology, 2001, 230, 1-17.	0.9	85
57	Threeâ€dimensional visualization of testis cord morphogenesis, a novel tubulogenic mechanism in development. Developmental Dynamics, 2009, 238, 1033-1041.	0.8	82
58	Identification of Anchor Genes during Kidney Development Defines Ontological Relationships, Molecular Subcompartments and Regulatory Pathways. PLoS ONE, 2011, 6, e17286.	1.1	78
59	Dads and disomy and disease. Nature, 1991, 351, 609-610.	13.7	76
60	Wnt-4 regulation by the Wilms' tumour suppressor gene, WT1. Oncogene, 2002, 21, 2948-2960.	2.6	75
61	Nephron Progenitor Cells. Current Topics in Developmental Biology, 2014, 107, 293-331.	1.0	74
62	The Receptor Tyrosine Kinase Regulator Sprouty1 Is a Target of the Tumor Suppressor WT1 and Important for Kidney Development. Journal of Biological Chemistry, 2003, 278, 41420-41430.	1.6	72
63	PAX2 Activates WNT4 Expression during Mammalian Kidney Development. Journal of Biological Chemistry, 2006, 281, 12705-12712.	1.6	72
64	Defining and redefining the nephron progenitor population. Pediatric Nephrology, 2011, 26, 1395-1406.	0.9	72
65	Plasticity of distal nephron epithelia from human kidney organoids enables the induction of ureteric tip and stalk. Cell Stem Cell, 2021, 28, 671-684.e6.	5.2	72
66	Is There Such a Thing as a Renal Stem Cell?. Journal of the American Society of Nephrology: JASN, 2009, 20, 2112-2117.	3.0	71
67	Cap mesenchyme cell swarming during kidney development is influenced by attraction, repulsion, and adhesion to the ureteric tip. Developmental Biology, 2016, 418, 297-306.	0.9	71
68	WT1: what has the last decade told us?. BioEssays, 1999, 21, 191-202.	1.2	70
69	Loss of WT1 function leads to ectopic myogenesis in Wilms' tumour. Nature Genetics, 1998, 18, 15-17.	9.4	69
70	MicroRNAs-140-5p/140-3p Modulate Leydig Cell Numbers in the Developing Mouse Testis. Biology of Reproduction, 2013, 88, 143-143.	1.2	68
71	Isolation of clonogenic, long-term self renewing embryonic renal stem cells. Stem Cell Research, 2010, 5, 23-39.	0.3	65
72	Loss of alleles on the short arm of chromosome 11 in a hepatoblastoma from a child with Beckwith-Wiedemann syndrome. Human Genetics, 1988, 79, 186-189.	1.8	64

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73	Temporal and spatial transcriptional programs in murine kidney development. Physiological Genomics, 2005, 23, 159-171.	1.0	64
74	Use of dual section mRNA in situ hybridisation/immunohistochemistry to clarify gene expression patterns during the early stages of nephron development in the embryo and in the mature nephron of the adult mouse kidney. Histochemistry and Cell Biology, 2008, 130, 927-942.	0.8	63
75	Involvement of Islet-2 in the Slit signaling for axonal branching and defasciculation of the sensory neurons in embryonic zebrafish. Mechanisms of Development, 2004, 121, 315-324.	1.7	59
76	Evaluation of biomarkers for in vitro prediction of drugâ€induced nephrotoxicity: comparison of <scp>HK</scp>â€2, immortalized human proximal tubule epithelial, and primary cultures of human proximal tubular cells. Pharmacology Research and Perspectives, 2015, 3, e00148.	1.1	59
77	Cellâ€“Cell Interactions Driving Kidney Morphogenesis. Current Topics in Developmental Biology, 2015, 112, 467-508.	1.0	58
78	(Re)Building a Kidney. Journal of the American Society of Nephrology: JASN, 2017, 28, 1370-1378.	3.0	58
79	Does Renal Repair Recapitulate Kidney Development?. Journal of the American Society of Nephrology: JASN, 2017, 28, 34-46.	3.0	57
80	Simultaneous reprogramming and gene editing of human fibroblasts. Nature Protocols, 2018, 13, 875-898.	5.5	55
81	Lin28 and let-7 regulate the timing of cessation of murine nephrogenesis. Nature Communications, 2019, 10, 168.	5.8	55
82	Reporterâ€based fate mapping in human kidney organoids confirms nephron lineage relationships and reveals synchronous nephron formation. EMBO Reports, 2019, 20, .	2.0	52
83	DNA Methyltransferase 1 Controls Nephron Progenitor Cell Renewal and Differentiation. Journal of the American Society of Nephrology: JASN, 2019, 30, 63-78.	3.0	52
84	Identification of molecular compartments and genetic circuitry in the developing mammalian kidney. Development (Cambridge), 2012, 139, 1863-1873.	1.2	51
85	Crim1KST264/KST264 Mice Implicate Crim1 in the Regulation of Vascular Endothelial Growth Factor-A Activity during Glomerular Vascular Development. Journal of the American Society of Nephrology: JASN, 2007, 18, 1697-1708.	3.0	50
86	Wnt11 directs nephron progenitor polarity and motile behavior ultimately determining nephron endowment. ELife, 2018, 7, .	2.8	50
87	Coexpression of SCL and GATA3 in the V2 interneurons of the developing mouse spinal cord. Developmental Dynamics, 2002, 224, 231-237.	0.8	49
88	Subfractionation of Differentiating Human Embryonic Stem Cell Populations Allows the Isolation of a Mesodermal Population Enriched for Intermediate Mesoderm and Putative Renal Progenitors. Stem Cells and Development, 2010, 19, 1637-1648.	1.1	49
89	Crim1KST264/KST264 mice display a disruption of the Crim1 gene resulting in perinatal lethality with defects in multiple organ systems. Developmental Dynamics, 2007, 236, 502-511.	0.8	48
90	Three non-overlapping regions of chromosome arm 11p allele loss identified in infantile tumors of adrenal and liver. Genes Chromosomes and Cancer, 1993, 8, 104-111.	1.5	47

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91	Nephron progenitor commitment is a stochastic process influenced by cell migration. ELife, 2019, 8, .	2.8	47
92	Polarity, cell division, and out-of-equilibrium dynamics control the growth of epithelial structures. Journal of Cell Biology, 2013, 203, 359-372.	2.3	45
93	Bayesian inference of agent-based models: a tool for studying kidney branching morphogenesis. Journal of Mathematical Biology, 2018, 76, 1673-1697.	0.8	45
94	An integrated pipeline for the multidimensional analysis of branching morphogenesis. Nature Protocols, 2014, 9, 2859-2879.	5.5	44
95	PlexinA4 is necessary as a downstream target of Islet2 to mediate Slit signaling for promotion of sensory axon branching. Development (Cambridge), 2004, 131, 3705-3715.	1.2	43
96	Expression of metanephric nephronâ€patterning genes in differentiating mesonephric tubules. Developmental Dynamics, 2011, 240, 1600-1612.	0.8	43
97	Improving our resolution of kidney morphogenesis across time and space. Current Opinion in Genetics and Development, 2015, 32, 135-143.	1.5	43
98	A strategy for generating kidney organoids: Recapitulating the development in human pluripotent stem cells. Developmental Biology, 2016, 420, 210-220.	0.9	42
99	Identification of Novel Markers of Mouse Fetal Ovary Development. PLoS ONE, 2012, 7, e41683.	1.1	42
100	Methylation and p16: Suppressing the suppressor. Nature Medicine, 1995, 1, 633-634.	15.2	40
101	Renal developmental defects resulting from in utero hypoxia are associated with suppression of ureteric Î²-catenin signaling. Kidney International, 2015, 87, 975-983.	2.6	39
102	Hamartin regulates cessation of mouse nephrogenesis independently of Mtor. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5998-6003.	3.3	39
103	Vascular bioengineering of scaffolds derived from human discarded transplant kidneys using human pluripotent stem cellâ€“derived endothelium. American Journal of Transplantation, 2019, 19, 1328-1343.	2.6	39
104	Two N-Terminal Self-Association Domains Are Required for the Dominant Negative Transcriptional Activity of WT1 Denys-Drash Mutant Proteins. Biochemical and Biophysical Research Communications, 1997, 233, 723-728.	1.0	38
105	Epigenetics and developmental programming of adult onset diseases. Pediatric Nephrology, 2012, 27, 2175-2182.	0.9	38
106	Understanding kidney morphogenesis to guide renal tissue regeneration. Nature Reviews Nephrology, 2016, 12, 624-635.	4.1	38
107	Spatial gene expression in the T-stage mouse metanephros. Gene Expression Patterns, 2006, 6, 807-825.	0.3	37
108	Macrophages in Renal Development, Injury, and Repair. Seminars in Nephrology, 2010, 30, 255-267.	0.6	37

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109	ROBO2 restricts the nephrogenic field and regulates Wolffian ductâ€“nephrogenic cord separation. Developmental Biology, 2015, 404, 88-102.	0.9	37
110	Generation of homozygosity at the c-Ha-ras-1 locus on chromosome 11p in an adrenal adenoma from an adult with Wiedemannâ€"Beckwith syndrome. Cancer Genetics and Cytogenetics, 1988, 30, 127-132.	1.0	36
111	Regenerative medicine in kidney disease. Kidney International, 2016, 90, 289-299.	2.6	36
112	Dissociation of Embryonic Kidney Followed by Re-aggregation as a Method for Chimeric Analysis. Methods in Molecular Biology, 2012, 886, 135-146.	0.4	35
113	Making a Kidney Organoid Using the Directed Differentiation of Human Pluripotent Stem Cells. Methods in Molecular Biology, 2017, 1597, 195-206.	0.4	34
114	Prenatal hypoxia leads to hypertension, renal renin-angiotensin system activation and exacerbates salt-induced pathology in a sex-specific manner. Scientific Reports, 2017, 7, 8241.	1.6	34
115	Collecting Duct-Derived Cells Display Mesenchymal Stem Cell Properties and Retain Selective In Vitro and In Vivo Epithelial Capacity. Journal of the American Society of Nephrology: JASN, 2015, 26, 81-94.	3.0	33
116	Stromal Protein Ecm1 Regulates Ureteric Bud Patterning and Branching. PLoS ONE, 2013, 8, e84155.	1.1	33
117	Reprogramming the kidney: a novel approach for regeneration. Kidney International, 2012, 82, 138-146.	2.6	32
118	The Wilmsâ€™ tumour suppressor protein, WT1, undergoes CRM1-independent nucleocytoplasmic shuttling. FEBS Letters, 2003, 554, 143-148.	1.3	31
119	Neonatal calyceal dilation and renal fibrosis resulting from loss of Adamts-1 in mouse kidney is due to a developmental dysgenesis. Nephrology Dialysis Transplantation, 2005, 20, 419-423.	0.4	31
120	Distinct sites of renal fibrosis in <i>Crim1</i> mutant mice arise from multiple cellular origins. Journal of Pathology, 2013, 229, 685-696.	2.1	31
121	Molecular anatomy of the kidney: what have we learned from gene expression and functional genomics?. Pediatric Nephrology, 2010, 25, 1005-1016.	0.9	29
122	c-Ha-ras-1 alleles in bladder cancer, Wilms' tumour and malignant melanoma. Human Genetics, 1988, 78, 115-120.	1.8	27
123	Loss of renal microvascular integrity in postnatal Crim1 hypomorphic transgenic mice. Kidney International, 2009, 76, 1161-1171.	2.6	27
124	Comparative gene expression analysis of genital tubercle development reveals a putative appendicular Wnt7 network for the epidermal differentiation. Developmental Biology, 2010, 344, 1071-1087.	0.9	27
125	Refining transcriptional programs in kidney development by integration of deep RNA-sequencing and array-based spatial profiling. BMC Genomics, 2011, 12, 441.	1.2	27
126	Haploinsufficiency for the Six2 gene increases nephron progenitor proliferation promoting branching and nephron number. Kidney International, 2018, 93, 589-598.	2.6	27

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127	Stromal cells in tissue homeostasis: balancing regeneration and fibrosis. Nature Reviews Nephrology, 2013, 9, 747-753.	4.1	26
128	Anlaysis of complementary expression profiles following WT1 induction versus repression reveals the cholesterol/fatty acid synthetic pathways as a possible major target of WT1. Oncogene, 2004, 23, 3067-3079.	2.6	25
129	Clinical-Grade Isolated Human Kidney Perivascular Stromal Cells as an Organotypic Cell Source for Kidney Regenerative Medicine. Stem Cells Translational Medicine, 2017, 6, 405-418.	1.6	25
130	Branching morphogenesis in the developing kidney is not impacted by nephron formation or integration. ELife, 2018, 7, .	2.8	25
131	Generating Kidney from Stem Cells. Annual Review of Physiology, 2019, 81, 335-357.	5.6	24
132	Enhanced expression of insulin-like growth factor II is not a necessary event in Wilms' Tumour progression. Carcinogenesis, 1987, 8, 865-868.	1.3	23
133	Characterisation ofCrim1 expression in the developing mouse urogenital tract reveals a sexually dimorphic gonadal expression pattern. Developmental Dynamics, 2000, 219, 582-587.	0.8	23
134	Knockdown of zebrafish crim1 results in a bent tail phenotype with defects in somite and vascular development. Mechanisms of Development, 2006, 123, 277-287.	1.7	23
135	DevKidCC allows for robust classification and direct comparisons of kidney organoid datasets. Genome Medicine, 2022, 14, 19.	3.6	23
136	Expression of Crim1 during murine ocular development. Mechanisms of Development, 2000, 94, 261-265.	1.7	22
137	Dual trafficking of Slit3 to mitochondria and cell surface demonstrates novel localization for Slit protein. American Journal of Physiology - Cell Physiology, 2001, 281, C486-C495.	2.1	22
138	Recreating kidney progenitors from pluripotent cells. Pediatric Nephrology, 2014, 29, 543-552.	0.9	22
139	A spatially-averaged mathematical model of kidney branching morphogenesis. Journal of Theoretical Biology, 2015, 379, 24-37.	0.8	22
140	Self-organisation after embryonic kidney dissociation is driven via selective adhesion of ureteric epithelial cells.. Development (Cambridge), 2017, 144, 1087-1096.	1.2	22
141	An InÂVitro Differentiation Protocol for Human Embryonic Bipotential Gonad and Testis Cell Development. Stem Cell Reports, 2020, 15, 1377-1391.	2.3	22
142	Review article: Potential cellular therapies for renal disease: Can we translate results from animal studies to the human condition?. Nephrology, 2009, 14, 544-553.	0.7	21
143	Direct reprogramming to human nephron progenitor-like cells using inducible piggyBac transposon expression of SNAI2-EYA1-SIX1. Kidney International, 2019, 95, 1153-1166.	2.6	21
144	Recapitulating kidney development: Progress and challenges. Seminars in Cell and Developmental Biology, 2019, 91, 153-168.	2.3	21

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145	Multivariate patterning of human pluripotent cells under perfusion reveals critical roles of induced paracrine factors in kidney organoid development. Science Advances, 2020, 6, eaaw2746.	4.7	21
146	Recessive <i>NOS1AP</i> variants impair actin remodeling and cause glomerulopathy in humans and mice. Science Advances, 2021, 7, .	4.7	21
147	Movement through slits: Cellular migration via the Slit family. BioEssays, 2003, 25, 32-38.	1.2	20
148	Fine mapping of the neurally expressed gene SOX14 to human 3q23, relative to three congenital diseases. Human Genetics, 2000, 106, 432-439.	1.8	19
149	Renal organogenesis. Organogenesis, 2011, 7, 229-241.	0.4	18
150	The Kidney Research National Dialogue. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 1806-1811.	2.2	18
151	Regrow or Repair: An Update on Potential Regenerative Therapies for the Kidney. Journal of the American Society of Nephrology: JASN, 2022, 33, 15-32.	3.0	18
152	Allelic loss on chromosome 11p is a less frequent event in bilateral than in unilateral Wilms' tumours. European Journal of Cancer, 1992, 28, 1876-1880.	1.3	17
153	Parietal Epithelial Cells Regenerate Podocytes. Journal of the American Society of Nephrology: JASN, 2009, 20, 231-233.	3.0	17
154	A Genome-Wide Screen to Identify Transcription Factors Expressed in Pelvic Ganglia of the Lower Urinary Tract. Frontiers in Neuroscience, 2012, 6, 130.	1.4	17
155	Crim1 has an essential role in glycogen trophoblast cell and sinusoidal-trophoblast giant cell development in the placenta. Placenta, 2012, 33, 175-182.	0.7	17
156	Prolonged prenatal hypoxia selectively disrupts collecting duct patterning and postnatal function in male mouse offspring. Journal of Physiology, 2018, 596, 5873-5889.	1.3	17
157	In ovo electroporation ofCrim1 in the developing chick spinal cord. Developmental Dynamics, 2003, 226, 107-111.	0.8	16
158	Generating a self-organizing kidney from pluripotent cells. Current Opinion in Organ Transplantation, 2015, 20, 178-186.	0.8	16
159	Expression and Functional Analysis of Dkk1 during Early Gonadal Development. Sexual Development, 2011, 5, 124-130.	1.1	15
160	Growing Kidney Tissue from Stem Cells: How Far from â€œParty Trickâ€•to Medical Application?. Cell Stem Cell, 2016, 18, 695-698.	5.2	15
161	Organoids: a Special Issue. Development (Cambridge), 2017, 144, 935-937.	1.2	15
162	Mentorship in Science: Response to AlShebli etÂal., Nature Communications 2020. Stem Cell Reports, 2021, 16, 1-2.	2.3	15

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163	The origin and role of the renal stroma. Development (Cambridge), 2021, 148, .	1.2	15
164	The <scp>BCL</scp>â€2 family member <scp>BID</scp> plays a role during embryonic development in addition to its <scp>BH3</scp>â€only protein function by acting in parallel to <scp>BAX</scp>, <scp>BAK</scp> and <scp>BOK</scp>. EMBO Journal, 2022, 41, .	3.5	15
165	Tracing the Life of the Kidney Tubuleâ€" Re-Establishing Dogma and Redirecting the Options. Cell Stem Cell, 2008, 2, 191-192.	5.2	14
166	High-Throughput Paraffin Section In Situ Hybridization and Dual Immunohistochemistry on Mouse Tissues. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5030-pdb.prot5030.	0.2	14
167	Production of a mouse line with a conditional <i>Crim1</i> mutant allele. Genesis, 2012, 50, 711-716.	0.8	14
168	Returning to kidney development to deliver synthetic kidneys. Developmental Biology, 2021, 474, 22-36.	0.9	14
169	The kids are OK: it is discrimination not sameâ€sex parents that harms children. Medical Journal of Australia, 2017, 207, 374-375.	0.8	13
170	Production and metabolic clearance of angiotensinogen in conscious rats as measured by steady-state isotope dilution. Journal of Endocrinology, 1987, 112, 391-397.	1.2	12
171	Delivering on the promise of human stemâ€cell research. What are the real barriers?. EMBO Reports, 2006, 7, 1188-1192.	2.0	12
172	Access and Use of the GUDMAP Database of Genitourinary Development. Methods in Molecular Biology, 2012, 886, 185-201.	0.4	12
173	Defining Kidney Biology to Understand Renal Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 809-811.	2.2	12
174	Generating kidney tissue from pluripotent stem cells. Cell Death Discovery, 2016, 2, 16053.	2.0	12
175	Autonomous Calcium Signaling in Human and Zebrafish Podocytes Controls Kidney Filtration Barrier Morphogenesis. Journal of the American Society of Nephrology: JASN, 2021, 32, 1697-1712.	3.0	12
176	The Life Cycle of the Nephron Progenitor. Developmental Cell, 2015, 35, 5-6.	3.1	11
177	Crim1 is required for maintenance of the ocular lens epithelium. Experimental Eye Research, 2018, 170, 58-66.	1.2	11
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