Akio Kobayashi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12179975/publications.pdf

Version: 2024-02-01

33	7,258	218677	434195
papers	citations	26 h-index	31 g-index

34	34	34	7818
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fate Tracing Reveals the Pericyte and Not Epithelial Origin of Myofibroblasts in Kidney Fibrosis. American Journal of Pathology, 2010, 176, 85-97.	3.8	1,281
2	Six2 Defines and Regulates a Multipotent Self-Renewing Nephron Progenitor Population throughout Mammalian Kidney Development. Cell Stem Cell, 2008, 3, 169-181.	11.1	815
3	Intrinsic Epithelial Cells Repair the Kidney after Injury. Cell Stem Cell, 2008, 2, 284-291.	11.1	752
4	Functional analysis ofSox8andSox9during sex determination in the mouse. Development (Cambridge), 2004, 131, 1891-1901.	2.5	490
5	Fgf9 and Wnt4 Act as Antagonistic Signals to Regulate Mammalian Sex Determination. PLoS Biology, 2006, 4, e187.	5.6	469
6	Differentiated kidney epithelial cells repair injured proximal tubule. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1527-1532.	7.1	392
7	Developmental genetics of the female reproductive tract in mammals. Nature Reviews Genetics, 2003, 4, 969-980.	16.3	321
8	Role of Lung Pericytes and Resident Fibroblasts in the Pathogenesis of Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 820-830.	5.6	317
9	Distinct and sequential tissue-specific activities of the LIM-class homeobox geneLim1for tubular morphogenesis during kidney development. Development (Cambridge), 2005, 132, 2809-2823.	2.5	307
10	AWnt7b-dependent pathway regulates the orientation of epithelial cell division and establishes the cortico-medullary axis of the mammalian kidney. Development (Cambridge), 2009, 136, 161-171.	2.5	205
11	Identification of a Multipotent Self-Renewing Stromal Progenitor Population during Mammalian Kidney Organogenesis. Stem Cell Reports, 2014, 3, 650-662.	4.8	202
12	Identification of a Prg4â€Expressing Articular Cartilage Progenitor Cell Population in Mice. Arthritis and Rheumatology, 2015, 67, 1261-1273.	5.6	185
13	Requirement ofLim1for female reproductive tract development. Development (Cambridge), 2004, 131, 539-549.	2.5	182
14	LRP-6 is a coreceptor for multiple fibrogenic signaling pathways in pericytes and myofibroblasts that are inhibited by DKK-1. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1440-1445.	7.1	167
15	High-resolution gene expression analysis of the developing mouse kidney defines novel cellular compartments within the nephron progenitor population. Developmental Biology, 2009, 333, 312-323.	2.0	163
16	Wnt4/Î²â^'Catenin Signaling in Medullary Kidney Myofibroblasts. Journal of the American Society of Nephrology: JASN, 2013, 24, 1399-1412.	6.1	153
17	Lim1 Activity Is Required for Intermediate Mesoderm Differentiation in the Mouse Embryo. Developmental Biology, 2000, 223, 77-90.	2.0	126
18	A mesenchymal perspective of mÃ¼llerian duct differentiation and regression in Amhr2â€lacZ mice. Molecular Reproduction and Development, 2008, 75, 1154-1162.	2.0	122

#	Article	IF	Citations
19	FOXM1 drives proximal tubule proliferation during repair from acute ischemic kidney injury. Journal of Clinical Investigation, 2019, 129, 5501-5517.	8.2	103
20	Hoxd11 specifies a program of metanephric kidney development within the intermediate mesoderm of the mouse embryo. Developmental Biology, 2008, 319, 396-405.	2.0	86
21	Î²-Catenin is essential for MÃ¼llerian duct regression during male sexual differentiation. Development (Cambridge), 2011, 138, 1967-1975.	2.5	81
22	Sox9 in Testis Determination. Annals of the New York Academy of Sciences, 2005, 1061, 9-17.	3.8	70
23	Repression of Interstitial Identity in Nephron Progenitor Cells by Pax2 Establishes the Nephron-Interstitium Boundary during Kidney Development. Developmental Cell, 2017, 41, 349-365.e3.	7.0	61
24	PKD1-Dependent Renal Cystogenesis in Human Induced Pluripotent Stem Cell-Derived Ureteric Bud/Collecting Duct Organoids. Journal of the American Society of Nephrology: JASN, 2020, 31, 2355-2371.	6.1	47
25	TLR-2/TLR-4 TREM-1 Signaling Pathway Is Dispensable in Inflammatory Myeloid Cells during Sterile Kidney Injury. PLoS ONE, 2013, 8, e68640.	2.5	43
26	Germ Cells Are Not Required to Establish the Female Pathway in Mouse Fetal Gonads. PLoS ONE, 2012, 7, e47238.	2.5	38
27	Generation of the organotypic kidney structure by integrating pluripotent stem cell-derived renal stroma. Nature Communications, 2022, 13, 611.	12.8	29
28	Gene expression profiles in developing nephrons using Lim1 metanephric mesenchyme-specific conditional mutant mice. BMC Nephrology, 2006, 7, 1.	1.8	23
29	Molecular detection of maturation stages in the developing kidney. Developmental Biology, 2021, 470, 62-73.	2.0	14
30	Cell-specific image-guided transcriptomics identifies complex injuries caused by ischemic acute kidney injury in mice. Communications Biology, 2019, 2, 326.	4.4	10
31	Mice Lacking Wnt9a or Wnt4 Are Prone to Develop Spontaneous Osteoarthritis With Age and Display Alteration in Either the Trabecular or Cortical Bone Compartment. Journal of Bone and Mineral Research, 2020, 37, 1335-1351.	2.8	2
32	Building kidney organoids from pluripotent stem cells. Current Opinion in Nephrology and Hypertension, 2022, 31, 367-373.	2.0	2
33	Use of Genetic Mouse Models to Study Kidney Regeneration. , 2011, , 37-66.		0