Satu Kuure

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6738538/publications.pdf

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32	1,747	394421 19	434195 31
papers	citations	h-index	g-index

41	41	41	2374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Kidney morphogenesis: cellular and molecular regulation. Mechanisms of Development, 2000, 92, 31-45.	1.7	230
2	Etv4 and Etv5 are required downstream of GDNF and Ret for kidney branching morphogenesis. Nature Genetics, 2009, 41, 1295-1302.	21.4	199
3	Mutations in mRNA export mediator GLE1 result in a fetal motoneuron disease. Nature Genetics, 2008, 40, 155-157.	21.4	180
4	Expression of CYP2A genes in human liver and extrahepatic tissues. Biochemical Pharmacology, 1999, 57, 1407-1413.	4.4	142
5	Canonical WNT/Î²-catenin signaling is required for ureteric branching. Developmental Biology, 2008, 317, 83-94.	2.0	141
6	Glycogen Synthase Kinase-3 Inactivation and Stabilization of Î²-Catenin Induce Nephron Differentiation in Isolated Mouse and Rat Kidney Mesenchymes. Journal of the American Society of Nephrology: JASN, 2007, 18, 1130-1139.	6.1	126
7	GDNF Overexpression from the Native Locus Reveals its Role in the Nigrostriatal Dopaminergic System Function. PLoS Genetics, 2015, 11, e1005710.	3.5	96
8	The transcription factors Etv4 and Etv5 mediate formation of the ureteric bud tip domain during kidney development. Development (Cambridge), 2010, 137, 1975-1979.	2.5	66
9	Mitogen-Activated Protein Kinase (MAPK) Pathway Regulates Branching by Remodeling Epithelial Cell Adhesion. PLoS Genetics, 2014, 10, e1004193.	3.5	59
10	ETS-related Transcription Factors ETV4 and ETV5 Are Involved in Proliferation and Induction of Differentiation-associated Genes in Embryonic Stem (ES) Cells. Journal of Biological Chemistry, 2015, 290, 22460-22473.	3.4	58
11	MAPK/ERK Signaling in Regulation of Renal Differentiation. International Journal of Molecular Sciences, 2019, 20, 1779.	4.1	58
12	Actin Depolymerizing Factors Cofilin1 and Destrin Are Required for Ureteric Bud Branching Morphogenesis. PLoS Genetics, 2010, 6, e1001176.	3.5	53
13	Dynamic MAPK/ERK Activity Sustains Nephron Progenitors through Niche Regulation and Primes Precursors for Differentiation. Stem Cell Reports, 2018, 11, 912-928.	4.8	40
14	Crosstalk between Jagged1 and GDNF/Ret/GFRÎ±1 signalling regulates ureteric budding and branching. Mechanisms of Development, 2005, 122, 765-780.	1.7	37
15	Developing therapeutically more efficient Neurturin variants for treatment of Parkinson's disease. Neurobiology of Disease, 2016, 96, 335-345.	4.4	36
16	Kidney morphology and candidate gene expression shows plasticity in sticklebacks adapted to divergent osmotic environments. Journal of Experimental Biology, 2017, 220, 2175-2186.	1.7	36
17	FAT4 Fine-Tunes Kidney Development by Regulating RET Signaling. Developmental Cell, 2019, 48, 780-792.e4.	7.0	27
18	Regulation of Renal Differentiation by Trophic Factors. Frontiers in Physiology, 2018, 9, 1588.	2.8	26

#	Article	IF	Citations
19	Embryonic Kidney Development, Stem Cells and the Origin of Wilms Tumor. Genes, 2021, 12, 318.	2.4	25
20	The GDNF Target Vsnl1 Marks the Ureteric Tip. Journal of the American Society of Nephrology: JASN, 2011, 22, 274-284.	6.1	24
21	Development of the urogenital system is regulated via the 3â€²UTR of GDNF. Scientific Reports, 2019, 9, 5302.	3.3	17
22	Mouse Models of Congenital Kidney Anomalies. Advances in Experimental Medicine and Biology, 2020, 1236, 109-136.	1.6	12
23	ShapeMetrics: A userfriendly pipeline for 3D cell segmentation and spatial tissue analysis. Developmental Biology, 2020, 462, 7-19.	2.0	11
24	Hepsin regulates TGFÎ² signaling via fibronectin proteolysis. EMBO Reports, 2021, 22, e52532.	4.5	11
25	Postnatal prolongation of mammalian nephrogenesis by excess fetal GDNF. Development (Cambridge), 2021, 148, .	2.5	10
26	Mouse Ex Vivo Kidney Culture Methods. Methods in Molecular Biology, 2019, 1926, 23-30.	0.9	7
27	Analysis of Migration in Primary Ureteric Bud Epithelial Cells. Methods in Molecular Biology, 2012, 886, 147-155.	0.9	4
28	Modeling Rare Human Disorders in Mice: The Finnish Disease Heritage. Cells, 2021, 10, 3158.	4.1	4
29	Comparative whole-genome transcriptome analysis in renal cell populations reveals high tissue specificity of MAPK/ERK targets in embryonic kidney. BMC Biology, 2022, 20, 112.	3.8	4
30	Simple 3D culture of dissociated kidney mesenchyme mimics nephron progenitor niche and facilitates nephrogenesis Wnt-independently. Scientific Reports, 2019, 9, 13433.	3.3	1
31	O28. Control of branching morphogenesis during kidney development. Differentiation, 2010, 80, S14.	1.9	0
32	TT2020 meeting report on the 16th Transgenic Technology Meeting. Transgenic Research, 2021, 30, 121-128.	2.4	0