

Satu Kuure

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,747
citations

394286

19
h-index

434063

31
g-index

41
all docs

41
docs citations

41
times ranked

2374
citing authors

#	ARTICLE	IF	CITATIONS
1	Kidney morphogenesis: cellular and molecular regulation. <i>Mechanisms of Development</i> , 2000, 92, 31-45.	1.7	230
2	Etv4 and Etv5 are required downstream of GDNF and Ret for kidney branching morphogenesis. <i>Nature Genetics</i> , 2009, 41, 1295-1302.	9.4	199
3	Mutations in mRNA export mediator GLE1 result in a fetal motoneuron disease. <i>Nature Genetics</i> , 2008, 40, 155-157.	9.4	180
4	Expression of CYP2A genes in human liver and extrahepatic tissues. <i>Biochemical Pharmacology</i> , 1999, 57, 1407-1413.	2.0	142
5	Canonical WNT/ β -catenin signaling is required for ureteric branching. <i>Developmental Biology</i> , 2008, 317, 83-94.	0.9	141
6	Glycogen Synthase Kinase-3 Inactivation and Stabilization of β -Catenin Induce Nephron Differentiation in Isolated Mouse and Rat Kidney Mesenchymes. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 1130-1139.	3.0	126
7	GDNF Overexpression from the Native Locus Reveals its Role in the Nigrostriatal Dopaminergic System Function. <i>PLoS Genetics</i> , 2015, 11, e1005710.	1.5	96
8	The transcription factors Etv4 and Etv5 mediate formation of the ureteric bud tip domain during kidney development. <i>Development (Cambridge)</i> , 2010, 137, 1975-1979.	1.2	66
9	Mitogen-Activated Protein Kinase (MAPK) Pathway Regulates Branching by Remodeling Epithelial Cell Adhesion. <i>PLoS Genetics</i> , 2014, 10, e1004193.	1.5	59
10	ETS-related Transcription Factors ETV4 and ETV5 Are Involved in Proliferation and Induction of Differentiation-associated Genes in Embryonic Stem (ES) Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 22460-22473.	1.6	58
11	MAPK/ERK Signaling in Regulation of Renal Differentiation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1779.	1.8	58
12	Actin Depolymerizing Factors Cofilin1 and Destrin Are Required for Ureteric Bud Branching Morphogenesis. <i>PLoS Genetics</i> , 2010, 6, e1001176.	1.5	53
13	Dynamic MAPK/ERK Activity Sustains Nephron Progenitors through Niche Regulation and Primes Precursors for Differentiation. <i>Stem Cell Reports</i> , 2018, 11, 912-928.	2.3	40
14	Crosstalk between Jagged1 and GDNF/Ret/GFR α 1 signalling regulates ureteric budding and branching. <i>Mechanisms of Development</i> , 2005, 122, 765-780.	1.7	37
15	Developing therapeutically more efficient Neurturin variants for treatment of Parkinson's disease. <i>Neurobiology of Disease</i> , 2016, 96, 335-345.	2.1	36
16	Kidney morphology and candidate gene expression shows plasticity in sticklebacks adapted to divergent osmotic environments. <i>Journal of Experimental Biology</i> , 2017, 220, 2175-2186.	0.8	36
17	FAT4 Fine-Tunes Kidney Development by Regulating RET Signaling. <i>Developmental Cell</i> , 2019, 48, 780-792.e4.	3.1	27
18	Regulation of Renal Differentiation by Trophic Factors. <i>Frontiers in Physiology</i> , 2018, 9, 1588.	1.3	26

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19	Embryonic Kidney Development, Stem Cells and the Origin of Wilms Tumor. <i>Genes</i> , 2021, 12, 318.	1.0	25
20	The GDNF Target Vsnl1 Marks the Ureteric Tip. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 274-284.	3.0	24
21	Development of the urogenital system is regulated via the 3'UTR of GDNF. <i>Scientific Reports</i> , 2019, 9, 5302.	1.6	17
22	Mouse Models of Congenital Kidney Anomalies. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1236, 109-136.	0.8	12
23	ShapeMetrics: A userfriendly pipeline for 3D cell segmentation and spatial tissue analysis. <i>Developmental Biology</i> , 2020, 462, 7-19.	0.9	11
24	Hepsin regulates TGF β ² signaling via fibronectin proteolysis. <i>EMBO Reports</i> , 2021, 22, e52532.	2.0	11
25	Postnatal prolongation of mammalian nephrogenesis by excess fetal GDNF. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	10
26	Mouse Ex Vivo Kidney Culture Methods. <i>Methods in Molecular Biology</i> , 2019, 1926, 23-30.	0.4	7
27	Analysis of Migration in Primary Ureteric Bud Epithelial Cells. <i>Methods in Molecular Biology</i> , 2012, 886, 147-155.	0.4	4
28	Modeling Rare Human Disorders in Mice: The Finnish Disease Heritage. <i>Cells</i> , 2021, 10, 3158.	1.8	4
29	Comparative whole-genome transcriptome analysis in renal cell populations reveals high tissue specificity of MAPK/ERK targets in embryonic kidney. <i>BMC Biology</i> , 2022, 20, 112.	1.7	4
30	Simple 3D culture of dissociated kidney mesenchyme mimics nephron progenitor niche and facilitates nephrogenesis Wnt-independently. <i>Scientific Reports</i> , 2019, 9, 13433.	1.6	1
31	O28. Control of branching morphogenesis during kidney development. <i>Differentiation</i> , 2010, 80, S14.	1.0	0
32	TT2020 meeting report on the 16th Transgenic Technology Meeting. <i>Transgenic Research</i> , 2021, 30, 121-128.	1.3	0