Ryuji Morizane

List of Publications by Year
in descending order

37 papers	3,630 citations	331670 21 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	4538 citing authors

#	Article	IF	Citations
1	Kidney development to kidney organoids and back again. Seminars in Cell and Developmental Biology, 2022, 127, 68-76.	5.0	6
2	The application of iPSC-derived kidney organoids and genome editing in kidney disease modeling. , 2022, , 111-136.		2
3	Modeling injury and repair in kidney organoids reveals that homologous recombination governs tubular intrinsic repair. Science Translational Medicine, 2022, 14, eabj4772.	12.4	50
4	Kidney organoids: a pioneering model for kidney diseases. Translational Research, 2022, 250, 1-17.	5.0	12
5	3D kidney organoids for bench-to-bedside translation. Journal of Molecular Medicine, 2021, 99, 477-487.	3.9	19
6	The NIH Somatic Cell Genome Editing program. Nature, 2021, 592, 195-204.	27.8	84
7	Bioengineered Kidney Models: Methods and Functional Assessments. Function, 2021, 2, zqab026.	2.3	8
8	Kidney organoids in translational medicine: Disease modeling and regenerative medicine. Developmental Dynamics, 2020, 249, 34-45.	1.8	33
9	Epigenetic transcriptional reprogramming by WT1 mediates a repair response during podocyte injury. Science Advances, 2020, 6, eabb5460.	10.3	19
10	Induction of human pluripotent stem cells into kidney tissues by synthetic mRNAs encoding transcription factors. Scientific Reports, 2019, 9, 913.	3.3	40
11	Revealing potential cardiac manifestation of ADPKD using iPS cell-derived cardiomyocytes. EBioMedicine, 2019, 40, 19-20.	6.1	0
12	Flow-enhanced vascularization and maturation of kidney organoids in vitro. Nature Methods, 2019, 16, 255-262.	19.0	559
13	Modelling diabetic vasculopathy with human vessel organoids. Nature Reviews Nephrology, 2019, 15, 258-260.	9.6	5
14	Proximal tubule ATR regulates DNA repair to prevent maladaptive renal injury responses. Journal of Clinical Investigation, 2019, 129, 4797-4816.	8.2	73
15	CRISPR/Cas9â€based Targeted Genome Editing for the Development of Monogenic Diseases Models with Human Pluripotent Stem Cells. Current Protocols in Stem Cell Biology, 2018, 45, e50.	3.0	11
16	Prediction of DNA Repair Inhibitor Response in Short-Term Patient-Derived Ovarian Cancer Organoids. Cancer Discovery, 2018, 8, 1404-1421.	9.4	311
17	Organoids for modeling kidney disease. , 2018, , 227-245.		2
18	Interleukin-1Î² Activates a MYC-Dependent Metabolic Switch in Kidney Stromal Cells Necessary for Progressive Tubulointerstitial Fibrosis. Journal of the American Society of Nephrology: JASN, 2018, 29, 1690-1705.	6.1	152

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19	Kidney Organoids: A Translational Journey. Trends in Molecular Medicine, 2017, 23, 246-263.	6.7	114
20	Generation of nephron progenitor cells and kidney organoids from human pluripotent stem cells. Nature Protocols, 2017, 12, 195-207.	12.0	160
21	Concise Review: Kidney Generation with Human Pluripotent Stem Cells. Stem Cells, 2017, 35, 2209-2217.	3.2	35
22	Regenerative Medicine, Disease Modeling, and Drug Discovery in Human Pluripotent Stem Cell-derived Kidney Tissue. European Medical Journal Reproductive Health, 2017, 3, 57-67.	1.0	4
23	Generation of kidney tubular organoids from human pluripotent stem cells. Scientific Reports, 2016, 6, 38353.	3.3	36
24	miR-363 induces transdifferentiation of human kidney tubular cells to mesenchymal phenotype. Clinical and Experimental Nephrology, 2016, 20, 394-401.	1.6	9
25	Directed Differentiation of Pluripotent Stem Cells into Kidney. Biomarker Insights, 2015, 10s1, BMI.S20055.	2.5	10
26	Meclizine Preconditioning Protects the Kidney Against Ischemiaâ€“Reperfusion Injury. EBioMedicine, 2015, 2, 1090-1101.	6.1	32
27	Modelling kidney disease with CRISPR-mutant kidney organoids derived from human pluripotent epiblast spheroids. Nature Communications, 2015, 6, 8715.	12.8	571
28	Nephron organoids derived from human pluripotent stem cells model kidney development and injury. Nature Biotechnology, 2015, 33, 1193-1200.	17.5	694
29	Rapid and Efficient Differentiation of Human Pluripotent Stem Cells into Intermediate Mesoderm That Forms Tubules Expressing Kidney Proximal Tubular Markers. Journal of the American Society of Nephrology: JASN, 2014, 25, 1211-1225.	6.1	271
30	miR-34c attenuates epithelial-mesenchymal transition and kidney fibrosis with ureteral obstruction. Scientific Reports, 2014, 4, 4578.	3.3	54
31	Kidney Specific Protein-Positive Cells Derived from Embryonic Stem Cells Reproduce Tubular Structures In Vitro and Differentiate into Renal Tubular Cells. PLoS ONE, 2013, 8, e64843.	2.5	42
32	MPO-ANCA associated crescentic glomerulonephritis with numerous immune complexes: case report. BMC Nephrology, 2012, 13, 32.	1.8	8
33	Selective depletion of mouse kidney proximal straight tubule cells causes acute kidney injury. Transgenic Research, 2012, 21, 51-62.	2.4	24
34	The role of microRNA-145 in human embryonic stem cell differentiation into vascular cells. Atherosclerosis, 2011, 219, 468-474.	0.8	57
35	Renal amyloidosis caused by apolipoprotein A-II without a genetic mutation in the coding sequence. Clinical and Experimental Nephrology, 2011, 15, 774-779.	1.6	11
36	Differentiation of murine embryonic stem and induced pluripotent stem cells to renal lineage in vitro. Biochemical and Biophysical Research Communications, 2009, 390, 1334-1339.	2.1	99

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37	A case of atypical POEMS syndrome without polyneuropathy. European Journal of Haematology, 2008, 80, 452-455.	2.2	13