

Shimpei Gotoh

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,278
citations

758635

12
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

4466
citing authors

#	ARTICLE	IF	CITATIONS
1	Size-selective loosening of the blood-brain barrier in claudin-5-deficient mice. <i>Journal of Cell Biology</i> , 2003, 161, 653-660.	2.3	1,557
2	Differential Expression Patterns of Claudins, Tight Junction Membrane Proteins, in Mouse Nephron Segments. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 875-886.	3.0	407
3	MDA5 Governs the Innate Immune Response to SARS-CoV-2 in Lung Epithelial Cells. <i>Cell Reports</i> , 2021, 34, 108628.	2.9	287
4	Generation of Alveolar Epithelial Spheroids via Isolated Progenitor Cells from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2014, 3, 394-403.	2.3	260
5	Directed Induction of Functional Multi-ciliated Cells in Proximal Airway Epithelial Spheroids from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2016, 6, 18-25.	2.3	201
6	Long-term expansion of alveolar stem cells derived from human iPS cells in organoids. <i>Nature Methods</i> , 2017, 14, 1097-1106.	9.0	198
7	In Vitro Disease Modeling of Hermansky-Pudlak Syndrome Type 2 Using Human Induced Pluripotent Stem Cell-Derived Alveolar Organoids. <i>Stem Cell Reports</i> , 2019, 12, 431-440.	2.3	71
8	Directed induction of alveolar type I cells derived from pluripotent stem cells via Wnt signaling inhibition. <i>Stem Cells</i> , 2021, 39, 156-169.	1.4	39
9	Adrenal function in patients with community-acquired pneumonia. <i>European Respiratory Journal</i> , 2008, 31, 1268-1273.	3.1	36
10	Multicellular modeling of ciliopathy by combining iPS cells and microfluidic airway-on-a-chip technology. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	36
11	Disease modeling of pulmonary fibrosis using human pluripotent stem cell-derived alveolar organoids. <i>Stem Cell Reports</i> , 2021, 16, 2973-2987.	2.3	36
12	Copy number variation in <i>DRC1</i> is the major cause of primary ciliary dyskinesia in the Japanese population. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1137.	0.6	32
13	A method of generating alveolar organoids using human pluripotent stem cells. <i>Methods in Cell Biology</i> , 2020, 159, 115-141.	0.5	16
14	Transplantation of multiciliated airway cells derived from human iPS cells using an artificial tracheal patch into rat trachea. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1019-1030.	1.3	14
15	Vinculin is critical for the robustness of the epithelial cell sheet paracellular barrier for ions. <i>Life Science Alliance</i> , 2019, 2, e201900414.	1.3	13
16	Analysis of the clinical features of Japanese patients with primary ciliary dyskinesia. <i>Auris Nasus Larynx</i> , 2022, 49, 248-257.	0.5	10
17	Core-shell hydrogel microfiber-expanded pluripotent stem cell-derived lung progenitors applicable to lung reconstruction in vivo. <i>Biomaterials</i> , 2021, 276, 121031.	5.7	10
18	Modeling of lung phenotype of Hermansky-Pudlak syndrome type I using patient-specific iPSCs. <i>Respiratory Research</i> , 2021, 22, 284.	1.4	10

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19	Hydroxypropyl Cyclodextrin Improves Amiodarone-induced Aberrant Lipid Homeostasis of Alveolar Cells. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 504-514.	1.4	9
20	Perspectives of future lung toxicology studies using human pluripotent stem cells. Archives of Toxicology, 2022, 96, 389-402.	1.9	8
21	A pediatric case of primary ciliary dyskinesia caused by novel copy number variation in PIH1D3. Auris Nasus Larynx, 2022, 49, 893-897.	0.5	7
22	Infection 57 Years after Plombage. New England Journal of Medicine, 2009, 360, e29.	13.9	4
23	The importance of central airway dilatation in patients with bronchiolitis obliterans. ERJ Open Research, 2021, 7, 00123-2021.	1.1	3
24	A pediatric case of productive cough caused by novel variants in DNAH9. Human Genome Variation, 2021, 8, 3.	0.4	3