

Yoshiaki Tanaka

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,417
citations

471509

17
h-index

526287

27
g-index

35
all docs

35
docs citations

35
times ranked

3733
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering of human brain organoids with a functional vascular-like system. <i>Nature Methods</i> , 2019, 16, 1169-1175.	19.0	551
2	Fusion of Regionally Specified hPSC-Derived Organoids Models Human Brain Development and Interneuron Migration. <i>Cell Stem Cell</i> , 2017, 21, 383-398.e7.	11.1	508
3	hESC-Derived Thalamic Organoids Form Reciprocal Projections When Fused with Cortical Organoids. <i>Cell Stem Cell</i> , 2019, 24, 487-497.e7.	11.1	305
4	Synthetic Analyses of Single-Cell Transcriptomes from Multiple Brain Organoids and Fetal Brain. <i>Cell Reports</i> , 2020, 30, 1682-1689.e3.	6.4	150
5	Histone Deacetylases Positively Regulate Transcription through the Elongation Machinery. <i>Cell Reports</i> , 2015, 13, 1444-1455.	6.4	138
6	Two methods for full-length RNA sequencing for low quantities of cells and single cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 594-599.	7.1	103
7	Direct Reprogramming of Human Dermal Fibroblasts Into Endothelial Cells Using ER71/ETV2. <i>Circulation Research</i> , 2017, 120, 848-861.	4.5	90
8	Human induced pluripotent stem cells and neurodegenerative disease. <i>Current Opinion in Neurology</i> , 2012, 25, 125-130.	3.6	64
9	Dysregulation of BRD4 Function Underlies the Functional Abnormalities of MeCP2 Mutant Neurons. <i>Molecular Cell</i> , 2020, 79, 84-98.e9.	9.7	53
10	Expression of the transcription factor PU.1 induces the generation of microglia-like cells in human cortical organoids. <i>Nature Communications</i> , 2022, 13, 430.	12.8	49
11	Effects of Alu elements on global nucleosome positioning in the human genome. <i>BMC Genomics</i> , 2010, 11, 309.	2.8	46
12	Single cell transcriptomics reveals unanticipated features of early hematopoietic precursors. <i>Nucleic Acids Research</i> , 2017, 45, gkw1214.	14.5	40
13	Uhrf1 regulates active transcriptional marks at bivalent domains in pluripotent stem cells through Setd1a. <i>Nature Communications</i> , 2018, 9, 2583.	12.8	35
14	The RNA exosome nuclease complex regulates human embryonic stem cell differentiation. <i>Journal of Cell Biology</i> , 2019, 218, 2564-2582.	5.2	35
15	X Chromosome of Female Cells Shows Dynamic Changes in Status during Human Somatic Cell Reprogramming. <i>Stem Cell Reports</i> , 2014, 2, 896-909.	4.8	33
16	Transcriptional regulation in pluripotent stem cells by methyl CpG-binding protein 2 (MeCP2). <i>Human Molecular Genetics</i> , 2014, 23, 1045-1055.	2.9	32
17	Regulation of the DNA Methylation Landscape in Human Somatic Cell Reprogramming by the miR-29 Family. <i>Stem Cell Reports</i> , 2016, 7, 43-54.	4.8	31
18	Exploration of alcohol use disorder-associated brain miRNA-mRNA regulatory networks. <i>Translational Psychiatry</i> , 2021, 11, 504.	4.8	23

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19	Transcriptome Signature and Regulation in Human Somatic Cell Reprogramming. <i>Stem Cell Reports</i> , 2015, 4, 1125-1139.	4.8	19
20	Salivary microRNAs identified by small RNA sequencing and machine learning as potential biomarkers of alcohol dependence. <i>Epigenomics</i> , 2019, 11, 739-749.	2.1	19
21	Identification and validation of a five-lncRNA signature for predicting survival with targeted drug candidates in ovarian cancer. <i>Bioengineered</i> , 2021, 12, 3263-3274.	3.2	19
22	Mural Cell-Specific Deletion of Cerebral Cavernous Malformation 3 in the Brain Induces Cerebral Cavernous Malformations. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2171-2186.	2.4	18
23	Regional specification and complementation with non-neuroectodermal cells in human brain organoids. <i>Journal of Molecular Medicine</i> , 2021, 99, 489-500.	3.9	14
24	Positional variations among heterogeneous nucleosome maps give dynamical information on chromatin. <i>Chromosoma</i> , 2010, 119, 391-404.	2.2	8
25	An assessment of prediction algorithms for nucleosome positioning. <i>Genome Informatics</i> , 2009, 23, 169-78.	0.4	7
26	AN ASSESSMENT OF PREDICTION ALGORITHMS FOR NUCLEOSOME POSITIONING. , 2009, , .		5
27	Impact of Retrotransposons in Pluripotent Stem Cells. <i>Molecules and Cells</i> , 2012, 34, 509-516.	2.6	5
28	Challenges for Computational Stem Cell Biology: A Discussion for the Field. <i>Stem Cell Reports</i> , 2021, 16, 3-9.	4.8	4
29	New Advances in Human X Chromosome Status from a Developmental and Stem Cell Biology. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 643-652.	3.7	0
30	EFFECT OF SALIVA-PAROTIN UPON THE PATHOLOGICAL CHANGE OF THE PARADENTIUM IN RATS DURING THE COURSE OF THE EXPERIMENTAL LATHYRISM. <i>Koku Eisei Gakkai Zasshi</i> , 1960, 10, 184-195.	0.0	0
31	3 Genetic and Epigenetic Considerations in iPSC Technology. , 2017, , 51-86.		0