

Nozomu Takata

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7262844/publications.pdf>

Version: 2024-02-01

25
papers

4,088
citations

687363

13
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

4196
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-organizing optic-cup morphogenesis in three-dimensional culture. <i>Nature</i> , 2011, 472, 51-56.	27.8	1,771
2	Self-Formation of Optic Cups and Storable Stratified Neural Retina from Human ESCs. <i>Cell Stem Cell</i> , 2012, 10, 771-785.	11.1	1,243
3	Self-formation of functional adenohypophysis in three-dimensional culture. <i>Nature</i> , 2011, 480, 57-62.	27.8	441
4	Functional anterior pituitary generated in self-organizing culture of human embryonic stem cells. <i>Nature Communications</i> , 2016, 7, 10351.	12.8	153
5	Robust Formation and Maintenance of Continuous Stratified Cortical Neuroepithelium by Laminin-Containing Matrix in Mouse ES Cell Culture. <i>PLoS ONE</i> , 2012, 7, e53024.	2.5	82
6	Strain-triggered mechanical feedback in self-organizing optic-cup morphogenesis. <i>Science Advances</i> , 2018, 4, eaau1354.	10.3	69
7	Emergence of dorsal-ventral polarity in ES cell-derived retinal tissue. <i>Development (Cambridge)</i> , 2016, 143, 3895-3906.	2.5	55
8	Circulation-Independent Differentiation Pathway from Extraembryonic Mesoderm toward Hematopoietic Stem Cells via Hemogenic Angioblasts. <i>Cell Reports</i> , 2014, 8, 31-39.	6.4	46
9	Self-patterning of rostral-caudal neuroectoderm requires dual role of Fgf signaling for localized Wnt antagonism. <i>Nature Communications</i> , 2017, 8, 1339.	12.8	36
10	SRC-1, a non-receptor type of protein tyrosine kinase, controls the direction of cell and growth cone migration in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2005, 132, 5161-5172.	2.5	33
11	An Eye Organoid Approach Identifies Six3 Suppression of R-spondin 2 as a Critical Step in Mouse Neuroretina Differentiation. <i>Cell Reports</i> , 2017, 21, 1534-1549.	6.4	28
12	Stem cells and genome editing: approaches to tissue regeneration and regenerative medicine. <i>Journal of Human Genetics</i> , 2018, 63, 165-178.	2.3	18
13	A novel mouse model of diffuse midline glioma initiated in neonatal oligodendrocyte progenitor cells highlights cell origin dependent effects of H3K27M. <i>Glia</i> , 2022, 70, 1681-1698.	4.9	15
14	Non-receptor tyrosine kinase CSK-1 controls pharyngeal muscle organization in <i>Caenorhabditis elegans</i> . <i>Genes To Cells</i> , 2009, 14, 381-393.	1.2	14
15	Therapeutic targeting of transcriptional elongation in diffuse intrinsic pontine glioma. <i>Neuro-Oncology</i> , 2021, 23, 1348-1359.	1.2	12
16	Comparative, transcriptome analysis of self-organizing optic tissues. <i>Scientific Data</i> , 2015, 2, 150030.	5.3	11
17	Establishment of Functional Genomics Pipeline in Mouse Epiblast-Like Tissue by Combining Transcriptomic Analysis and Gene Knockdown/Knockin/Knockout, Using RNA Interference and CRISPR/Cas9. <i>Human Gene Therapy</i> , 2016, 27, 436-450.	2.7	11
18	Activation of Wnt/ β -catenin signaling in ESC promotes rostral forebrain differentiation in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 374-382.	1.5	9

#	ARTICLE	IF	CITATIONS
19	MIG-13 controls anteroposterior cell migration by interacting with UNC-71/ADM-1 and SRC-1 in <i>Caenorhabditis elegans</i> . <i>FEBS Letters</i> , 2012, 586, 740-746.	2.8	8
20	Specification of embryonic stem cell-derived tissues into eye fields by Wnt signaling using rostral diencephalic tissue-inducing culture. <i>Mechanisms of Development</i> , 2016, 141, 90-99.	1.7	8
21	Optic vesicle morphogenesis requires primary cilia. <i>Developmental Biology</i> , 2020, 462, 119-128.	2.0	7
22	IGF-2/IGF-1R signaling has distinct effects on Sox1, Irx3, and Six3 expressions during ES cell derived-neuroectoderm development in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 607-615.	1.5	4
23	Fifteen-year trends and differences in mortality rates across sex, age, and race/ethnicity in patients with brainstem tumors. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab137.	0.7	2
24	Data describing Rax positive optic-vesicle generation from mouse embryonic stem cells in vitro. <i>Data in Brief</i> , 2016, 8, 465-469.	1.0	1
25	Genetic Tools for Self-Organizing Culture of Mouse Embryonic Stem Cells via Small Regulatory RNA-Mediated Technologies, CRISPR/Cas9, and Inducible RNAi. <i>Methods in Molecular Biology</i> , 2017, 1622, 269-292.	0.9	1