Taeko Kobayashi

List of Publications by Year
in descending order

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24	2,228	471509	580821
papers	citations	17 h-index	25 g-index

26	26	26	3314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional rejuvenation of aged neural stem cells by Plagl2 and anti-Dyrk1a activity. Genes and Development, 2022, 36, 23-37.	5.9	14
2	Lysosomes and signaling pathways for maintenance of quiescence in adult neural stem cells. FEBS Journal, 2021, 288, 3082-3093.	4.7	14
3	Novel Roles of Small Extracellular Vesicles in Regulating the Quiescence and Proliferation of Neural Stem Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 762293.	3.7	10
4	Enhanced lysosomal degradation maintains the quiescent state of neural stem cells. Nature Communications, 2019, 10, 5446.	12.8	86
5	Multilayered gene control drives timely exit from the stem cell state in uncommitted progenitors during Drosophila asymmetric neural stem cell division. Genes and Development, 2018, 32, 1550-1561.	5.9	21
6	Deubiquitinating enzymes regulate Hes1 stability and neuronal differentiation. FEBS Journal, 2015, 282, 2411-2423.	4.7	47
7	Novel and Robust Transplantation Reveals the Acquisition of Polarized Processes by Cortical Cells Derived from Mouse and Human Pluripotent Stem Cells. Stem Cells and Development, 2014, 23, 2129-2142.	2.1	27
8	Expression Dynamics and Functions of Hes Factors in Development and Diseases. Current Topics in Developmental Biology, 2014, 110, 263-283.	2.2	81
9	The roles and mechanism of ultradian oscillatory expression of the mouse Hes genes. Seminars in Cell and Developmental Biology, 2014, 34, 85-90.	5.0	37
10	The role of Hes genes in intestinal development, homeostasis and tumor formation. Development (Cambridge), 2012, 139, 1071-1082.	2.5	107
11	Hes1 Oscillations Contribute to Heterogeneous Differentiation Responses in Embryonic Stem Cells. Genes, 2011, 2, 219-228.	2.4	34
12	Hes1 regulates embryonic stem cell differentiation by suppressing Notch signaling. Genes To Cells, 2010, 15, 689-698.	1.2	71
13	Hes1 oscillation: Making variable choices for stem cell differentiation. Cell Cycle, 2010, 9, 207-208.	2.6	16
14	Ultradian Oscillations in Notch Signaling Regulate Dynamic Biological Events. Current Topics in Developmental Biology, 2010, 92, 311-331.	2.2	49
15	Dynamic Advances in NF-Îºb Signaling Analysis. Science Signaling, 2009, 2, pe47.	3.6	16
16	The cyclic gene Hes1 contributes to diverse differentiation responses of embryonic stem cells. Genes and Development, 2009, 23, 1870-1875.	5.9	226
17	Roles of Hes genes in neural development. Development Growth and Differentiation, 2008, 50, S97-103.	1.5	246
18	Requirement of multiple lysine residues for the transcriptional activity and the instability of Hes7. Biochemical and Biophysical Research Communications, 2008, 372, 142-146.	2.1	5

#	Article	IF	Citations
19	The Hes gene family: repressors and oscillators that orchestrate embryogenesis. Development (Cambridge), 2007, 134, 1243-1251.	2.5	550
20	Involvement of valosin-containing protein (VCP)/p97 in the formation and clearance of abnormal protein aggregates. Genes To Cells, 2007, 12, 889-901.	1.2	82
21	Functional ATPase Activity of p97/Valosin-containing Protein (VCP) Is Required for the Quality Control of Endoplasmic Reticulum in Neuronally Differentiated Mammalian PC12 Cells. Journal of Biological Chemistry, 2002, 277, 47358-47365.	3.4	127
22	Identification of a segment of DsbB essential for its respiration-coupled oxidation. Molecular Microbiology, 2001, 39, 158-165.	2.5	22
23	Respiratory chain strongly oxidizes the CXXC motif of DsbB in the Escherichia coli disulfide bond formation pathway. EMBO Journal, 1999, 18, 1192-1198.	7.8	102
24	Respiratory chain is required to maintain oxidized states of the DsbA-DsbB disulfide bond formation system in aerobically growing Escherichia coli cells. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 11857-11862.	7.1	237