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	The Hes gene family: repressors and oscillators that orchestrate embryogenesis. Development (Cambridge), 2007, 134, 1243-1251.	2.5	550
2	Roles of Hes genes in neural development. Development Growth and Differentiation, 2008, 50, S97-103.	1.5	246
3	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
4	The cyclic gene Hes1 contributes to diverse differentiation responses of embryonic stem cells. Genes and Development, 2009, 23, 1870-1875.	5.9	226
5	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
6	The role of Hes genes in intestinal development, homeostasis and tumor formation. Development (Cambridge), 2012, 139, 1071-1082.	2.5	107
7	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
8	Enhanced lysosomal degradation maintains the quiescent state of neural stem cells. Nature Communications, 2019, 10, 5446.	12.8	86
9	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
10	Expression Dynamics and Functions of Hes Factors in Development and Diseases. Current Topics in Developmental Biology, 2014, 110, 263-283.	2.2	81
11	Hes1 regulates embryonic stem cell differentiation by suppressing Notch signaling. Genes To Cells, 2010, 15, 689-698.	1.2	71
12	Ultradian Oscillations in Notch Signaling Regulate Dynamic Biological Events. Current Topics in Developmental Biology, 2010, 92, 311-331.	2.2	49
13	Deubiquitinating enzymes regulate Hes1 stability and neuronal differentiation. FEBS Journal, 2015, 282, 2411-2423.	4.7	47
14	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
15	Hes1 Oscillations Contribute to Heterogeneous Differentiation Responses in Embryonic Stem Cells. Genes, 2011, 2, 219-228.	2.4	34
16	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
17	Identification of a segment of DsbB essential for its respiration-coupled oxidation. Molecular Microbiology, 2001, 39, 158-165.	2.5	22
18	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

#	Article	IF	Citations
19	Dynamic Advances in NF-ÎºB Signaling Analysis. Science Signaling, 2009, 2, pe47.	3.6	16
20	Hes1 oscillation: Making variable choices for stem cell differentiation. Cell Cycle, 2010, 9, 207-208.	2.6	16
21	Lysosomes and signaling pathways for maintenance of quiescence in adult neural stem cells. FEBS Journal, 2021, 288, 3082-3093.	4.7	14
22	Functional rejuvenation of aged neural stem cells by Plagl2 and anti-Dyrk1a activity. Genes and Development, 2022, 36, 23-37.	5.9	14
23	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
24	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