Nobue Itasaki

List of Publications by Year
in descending order

33	3,494	279798 23	477307 29
papers	citations	h-index	g-index

36	36	36	4185
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bone Density Ligand, Sclerostin, Directly Interacts With LRP5 but Not LRP5G171V to Modulate Wnt Activity. Journal of Bone and Mineral Research, 2006, 21, 1738-1749.	2.8	315
2	â€˜Shockingâ€™ developments in chick embryology: electroporation and in ovo gene expression. Nature Cell Biology, 1999, 1, E203-E207.	10.3	296
3	Wise, a context-dependent activator and inhibitor of Wnt signalling. Development (Cambridge), 2003, 130, 4295-4305.	2.5	294
4	Initiating Hox gene expression: in the early chick neural tube differential sensitivity to FGF and RA signaling subdivides theHoxBgenes in two distinct groups. Development (Cambridge), 2002, 129, 5103-5115.	2.5	266
5	Initiation of Rhombomeric Hoxb4 Expression Requires Induction by Somites and a Retinoid Pathway. Neuron, 1998, 21, 39-51.	8.1	260
6	Wingless secretion requires endosome-to-Golgi retrieval of Wntless/Evi/Sprinter by the retromer complex. Nature Cell Biology, 2008, 10, 170-177.	10.3	227
7	Reprogramming Hox Expression in the Vertebrate Hindbrain: Influence of Paraxial Mesoderm and Rhombomere Transposition. Neuron, 1996, 16, 487-500.	8.1	189
8	Connective-tissue growth factor modulates WNT signalling and interacts with the WNT receptor complex. Development (Cambridge), 2004, 131, 2137-2147.	2.5	181
9	Interaction with surrounding normal epithelial cells influences signalling pathways and behaviour of Src-transformed cells. Journal of Cell Science, 2010, 123, 171-180.	2.0	175
10	Conservation and elaboration of Hox gene regulation during evolution of the vertebrate head. Nature, 2000, 408, 854-857.	27.8	167
11	A Positive Role of Cadherin in Wnt/Î²-Catenin Signalling during Epithelial-Mesenchymal Transition. PLoS ONE, 2011, 6, e23899.	2.5	154
12	Crosstalk between Wnt and bone morphogenic protein signaling: A turbulent relationship. Developmental Dynamics, 2010, 239, 16-33.	1.8	134
13	A Role for Gradient en Expression in Positional Specification on the Optic Tectum. Neuron, 1996, 16, 55-62.	8.1	121
14	The Wnt/Î²-Catenin Pathway Posteriorizes Neural Tissue in Xenopus by an Indirect Mechanism Requiring FGF Signalling. Developmental Biology, 2001, 239, 148-160.	2.0	117
15	Characterization of Wise Protein and Its Molecular Mechanism to Interact with both Wnt and BMP Signals. Journal of Biological Chemistry, 2009, 284, 23159-23168.	3.4	115
16	Inhibitory Gli3 Activity Negatively Regulates Wnt/Î²-Catenin Signaling. Current Biology, 2007, 17, 545-550.	3.9	100
17	Initiating Hox gene expression: in the early chick neural tube differential sensitivity to FGF and RA signaling subdivides the HoxB genes in two distinct groups. Development (Cambridge), 2002, 129, 5103-15.	2.5	82
18	Lack of the murine homeobox gene Hesx1 leads to a posterior transformation of the anterior forebrain. Development (Cambridge), 2007, 134, 1499-1508.	2.5	72

#	Article	IF	Citations
19	Wise retained in the endoplasmic reticulum inhibits Wnt signaling by reducing cell surface LRP6. Developmental Biology, 2007, 310, 250-263.	2.0	39
20	Hypoxia promotes production of neural crest cells in the embryonic head. Development (Cambridge), 2016, 143, 1742-1752.	2.5	34
21	Wise promotes coalescence of cells of neural crest and placode origins in the trigeminal region during head development. Developmental Biology, 2008, 319, 346-358.	2.0	31
22	Novel 3D Liquid Cell Culture Method for Anchorage-independent Cell Growth, Cell Imaging and Automated Drug Screening. Scientific Reports, 2018, 8, 3627.	3.3	30
23	Dynamic and influential interaction of cancer cells with normal epithelial cells in 3D culture. Cancer Cell International, 2014, 14, 108.	4.1	29
24	Hox proteins drive cell segregation and non-autonomous apical remodelling during hindbrain segmentation. Development (Cambridge), 2014, 141, 1492-1502.	2.5	26
25	Cerebroâ€“costoâ€“mandibular syndrome: Clinical, radiological, and genetic findings. American Journal of Medical Genetics, Part A, 2016, 170, 1115-1126.	1.2	21
26	A liquid culture cancer spheroid model reveals low PI3K/Akt pathway activity and low adhesiveness to the extracellular matrix. FEBS Journal, 2021, 288, 5650-5667.	4.7	6
27	Local modulation of the Wnt/Î²â€catenin and bone morphogenic protein (BMP) pathways recapitulates rib defects analogous to cerebroâ€costoâ€mandibular syndrome. Journal of Anatomy, 2020, 236, 931-945.	1.5	5
28	Regulation of Hoxb4 induction after neurulation by somite signal and neural competence. BMC Developmental Biology, 2009, 9, 17.	2.1	4
29	Expression of prolyl hydroxylases 2 and 3 in chick embryos. Gene Expression Patterns, 2016, 21, 97-102.	0.8	2
30	Wingless secretion requires endosome-to-Golgi retrieval of Wntless/Evi/Sprinter by the retromer complex. , 0, .		1
31	Cover Image, Volume 170A, Number 5, May 2016. , 2016, 170, i-i.		0
32	Developmental abnormalities of the otic capsule and inner ear following application of prolylâ€hydroxylase inhibitors in chick embryos. Birth Defects Research, 2018, 110, 1194-1204.	1.5	0
33	3D Tumor Models and Time-Lapse Analysis by Multidimensional Microscopy. Methods in Molecular Biology, 2016, 1379, 181-188.	0.9	0