Kazuhide Watanabe

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Vasohibin as an endothelium-derived negative feedback regulator of angiogenesis. Journal of Clinical Investigation, 2004, 114, 898-907.	8.2	257
2	An Ovol2-Zeb1 Mutual Inhibitory Circuit Governs Bidirectional and Multi-step Transition between Epithelial and Mesenchymal States. PLoS Computational Biology, 2015, 11, e1004569.	3.2	245
3	Mammary Morphogenesis and Regeneration Require the Inhibition of EMT at Terminal End Buds by Ovol2 Transcriptional Repressor. Developmental Cell, 2014, 29, 59-74.	7.0	175
4	Vasohibin as an endothelium-derived negative feedback regulator of angiogenesis. Journal of Clinical Investigation, 2004, 114, 898-907.	8.2	141
5	Distinctive localization and opposed roles of vasohibin-1 and vasohibin-2 in the regulation of angiogenesis. Blood, 2009, 113, 4810-4818.	1.4	126
6	Gene regulation of a novel angiogenesis inhibitor, vasohibin, in endothelial cells. Biochemical and Biophysical Research Communications, 2005, 327, 700-706.	2.1	84
7	Isolation and Characterization of Vasohibin-2 as a Homologue of VEGF-Inducible Endothelium-Derived Angiogenesis Inhibitor Vasohibin. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1051-1057.	2.4	81
8	Identification of Cripto-1 as a Novel Serologic Marker for Breast and Colon Cancer. Clinical Cancer Research, 2006, 12, 5158-5164.	7.0	79
9	Chromatin Effector Pygo2 Mediates Wnt-Notch Crosstalk to Suppress Luminal/Alveolar Potential of Mammary Stem and Basal Cells. Cell Stem Cell, 2013, 13, 48-61.	11.1	75
10	Combinatorial perturbation analysis reveals divergent regulations of mesenchymal genes during epithelial-to-mesenchymal transition. Npj Systems Biology and Applications, 2019, 5, 21.	3.0	65
11	Vasohibin prevents arterial neointimal formation through angiogenesis inhibition. Biochemical and Biophysical Research Communications, 2006, 345, 919-925.	2.1	60
12	Growth Factor Induction of Cripto-1 Shedding by Glycosylphosphatidylinositol-Phospholipase D and Enhancement of Endothelial Cell Migration. Journal of Biological Chemistry, 2007, 282, 31643-31655.	3.4	60
13	Cripto-1 Is a Cell Surface Marker for a Tumorigenic, Undifferentiated Subpopulation in Human Embryonal Carcinoma Cells Â. Stem Cells, 2010, 28, 1303-1314.	3.2	57
14	Cripto-1 Is Required for Hypoxia to Induce Cardiac Differentiation of Mouse Embryonic Stem Cells. American Journal of Pathology, 2009, 175, 2146-2158.	3.8	54
15	Enhancement of Notch receptor maturation and signaling sensitivity by Cripto-1. Journal of Cell Biology, 2009, 187, 343-353.	5.2	52
16	Requirement of Glycosylphosphatidylinositol Anchor of Cripto-1 for trans Activity as a Nodal Co-receptor. Journal of Biological Chemistry, 2007, 282, 35772-35786.	3.4	51
17	Multiple processing forms and their biological activities of a novel angiogenesis inhibitor vasohibin. Biochemical and Biophysical Research Communications, 2006, 342, 640-646.	2.1	48
18	Smad2 functions as a co-activator of canonical Wnt/Î²-catenin signaling pathway independent of Smad4 through histone acetyltransferase activity of p300. Cellular Signalling, 2008, 20, 1632-1641.	3.6	48

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19	Regulation of human criptoâ€1 gene expression by TGFâ€Î²1 and BMPâ€4 in embryonal and colon cancer cells. Journal of Cellular Physiology, 2008, 215, 192-203.	4.1	42
20	Integrative ChIP-seq/Microarray Analysis Identifies a CTNNB1 Target Signature Enriched in Intestinal Stem Cells and Colon Cancer. PLoS ONE, 2014, 9, e92317.	2.5	41
21	OVOL2 induces mesenchymal-to-epithelial transition in fibroblasts and enhances cell-state reprogramming towards epithelial lineages. Scientific Reports, 2019, 9, 6490.	3.3	38
22	Î²-Catenin/TCF/LEF regulate expression of the short form human Cripto-1. Biochemical and Biophysical Research Communications, 2007, 355, 240-244.	2.1	36
23	Integrated Single-Cell Transcriptomics and Chromatin Accessibility Analysis Reveals Regulators of Mammary Epithelial Cell Identity. Cell Reports, 2020, 33, 108273.	6.4	36
24	Winning WNT: Race to Wnt signaling inhibitors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5929-5930.	7.1	35
25	Epithelial stem cells: An epigenetic and wntâ€centric perspective. Journal of Cellular Biochemistry, 2010, 110, 1279-1287.	2.6	27
26	Pygo2 regulates histone gene expression and H3 K56 acetylation in human mammary epithelial cells. Cell Cycle, 2012, 11, 79-87.	2.6	25
27	Netrinâ€1 can affect morphogenesis and differentiation of the mouse mammary gland. Journal of Cellular Physiology, 2008, 216, 824-834.	4.1	24
28	Coordinate control of basal epithelial cell fate and stem cell maintenance by core EMT transcription factor Zeb1. Cell Reports, 2022, 38, 110240.	6.4	24
29	Regulation of Cripto-1 Signaling and Biological Activity by Caveolin-1 in Mammary Epithelial Cells. American Journal of Pathology, 2008, 172, 345-357.	3.8	23
30	Pygo2 regulates Î²-cateninâ€“induced activation of hair follicle stem/progenitor cells and skin hyperplasia. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10215-10220.	7.1	21
31	A WNTer Revisit: New Faces of Î²-Catenin and TCFs in Pluripotency. Science Signaling, 2011, 4, pe41.	3.6	20
32	Cell type dependent endocytic internalization of ErbB2 with an artificial peptide ligand that binds to ErbB2. Cell Biology International, 2008, 32, 814-826.	3.0	18
33	Neuronal Guidance Protein Netrin-1 Induces Differentiation in Human Embryonal Carcinoma Cells. Cancer Research, 2009, 69, 1717-1721.	0.9	16
34	Activation of a Nodalâ€independent signaling pathway by Criptoâ€1 mutants with impaired activation of a Nodalâ€dependent signaling pathway. FEBS Letters, 2008, 582, 3997-4002.	2.8	13
35	The Co-factor of LIM Domains (CLIM/LDB/NLI) Maintains Basal Mammary Epithelial Stem Cells and Promotes Breast Tumorigenesis. PLoS Genetics, 2014, 10, e1004520.	3.5	13
36	Intercellular transfer regulation of the paracrine activity of GPI-anchored Cripto-1 as a Nodal co-receptor. Biochemical and Biophysical Research Communications, 2010, 403, 108-113.	2.1	12

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37	NAPEâ€PLD controls OEA synthesis and fat absorption by regulating lipoprotein synthesis in an<i>in vitro</i>model of intestinal epithelial cells. FASEB Journal, 2019, 33, 3167-3179.	0.5	10
38	Characterization of the glycosylphosphatidylinositol-anchor signal sequence of human Cryptic with a hydrophilic extension. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 2671-2681.	2.6	8
39	Effective pseudo-labeling based on heatmap for unsupervised domain adaptation in cell detection. Medical Image Analysis, 2022, 79, 102436.	11.6	8
40	Overexpression of Transcription Factor Ovol2 in Epidermal Progenitor Cells Results in Skin Blistering. Journal of Investigative Dermatology, 2017, 137, 1805-1808.	0.7	7
41	The NFâ€ÎºB regulator IÎºBÎ² exhibits different molecular interactivity and phosphorylation status from IÎºBÎ± in an IKK2â€catalysed reaction. FEBS Letters, 2020, 594, 1532-1549.	2.8	4
42	SkewC: Identifying cells with skewed gene body coverage in single-cell RNA sequencing data. IScience, 2022, 25, 103777.	4.1	4
43	Interpretable, Scalable, and Transferrable Functional Projection of Large-Scale Transcriptome Data Using Constrained Matrix Decomposition. Frontiers in Genetics, 2021, 12, 719099.	2.3	2
44	Nfatc1â€™s Role in Mammary Epithelial Morphogenesis and Basal Stem/progenitor Cell Self-renewal. Journal of Mammary Gland Biology and Neoplasia, 2021, 26, 357-365.	2.7	1
45	Role of the EGF-CFC Family in Mammary Gland Development and Neoplasia. , 2009, , 87-102.		0