

Masatoshi Takeichi

List of Publications by Year in descending order

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201
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4120

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213
docs citations

213
times ranked

19303
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadherins: A Molecular Family Important in Selective Cell-Cell Adhesion. Annual Review of Biochemistry, 1990, 59, 237-252.	5.0	1,239
2	Guidelines and definitions for research on epithelial-to-mesenchymal transition. Nature Reviews Molecular Cell Biology, 2020, 21, 341-352.	16.1	1,195
3	Transformation of cell adhesion properties by exogenously introduced E-cadherin cDNA. Nature, 1987, 329, 341-343.	13.7	730
4	Developmental Defects in Mouse Embryos Lacking N-Cadherin. Developmental Biology, 1997, 181, 64-78.	0.9	661
5	Flamingo, a Seven-Pass Transmembrane Cadherin, Regulates Planar Cell Polarity under the Control of Frizzled. Cell, 1999, 98, 585-595.	13.5	640
6	Expressed recombinant cadherins mediate cell sorting in model systems. Cell, 1988, 54, 993-1001.	13.5	633
7	Expression of N-cadherin adhesion molecules associated with early morphogenetic events in chick development. Nature, 1986, 320, 447-449.	13.7	621
8	Control of Actin Reorganization by Slingshot, a Family of Phosphatases that Dephosphorylate ADF/Cofilin. Cell, 2002, 108, 233-246.	13.5	601
9	Identification of a neural β -catenin as a key regulator of cadherin function and multicellular organization. Cell, 1992, 70, 293-301.	13.5	554
10	Spatial and temporal expression pattern of N-cadherin cell adhesion molecules correlated with morphogenetic processes of chicken embryos. Developmental Biology, 1987, 120, 215-227.	0.9	506
11	Cadherin superfamily genes: functions, genomic organization, and neurologic diversity. Genes and Development, 2000, 14, 1169-1180.	2.7	504
12	The 102 kd cadherin-associated protein: Similarity to vinculin and posttranscriptional regulation of expression. Cell, 1991, 65, 849-857.	13.5	499
13	Dynamic contacts: rearranging adherens junctions to drive epithelial remodelling. Nature Reviews Molecular Cell Biology, 2014, 15, 397-410.	16.1	479
14	Localization of specificity determining sites in cadherin cell adhesion molecules. Cell, 1990, 61, 147-155.	13.5	472
15	Adherens Junction: Molecular Architecture and Regulation. Cold Spring Harbor Perspectives in Biology, 2009, 1, a002899-a002899.	2.3	455
16	Cadherin Regulates Dendritic Spine Morphogenesis. Neuron, 2002, 35, 77-89.	3.8	454
17	Planar Cell Polarity Links Axes of Spatial Dynamics in Neural-Tube Closure. Cell, 2012, 149, 1084-1097.	13.5	448
18	A Drosophila Homolog of Cadherin Associated with Armadillo and Essential for Embryonic Cell-Cell Adhesion. Developmental Biology, 1994, 165, 716-726.	0.9	403

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19	Tyrosine Phosphorylation of β -Catenin and Plakoglobin Enhanced by Hepatocyte Growth Factor and Epidermal Growth Factor in Human Carcinoma Cells. <i>Cell Adhesion and Communication</i> , 1994, 1, 295-305.	1.7	402
20	Anchorage of Microtubule Minus Ends to Adherens Junctions Regulates Epithelial Cell-Cell Contacts. <i>Cell</i> , 2008, 135, 948-959.	13.5	394
21	The cadherin superfamily in neuronal connections and interactions. <i>Nature Reviews Neuroscience</i> , 2007, 8, 11-20.	4.9	369
22	EPLIN mediates linkage of the cadherin-catenin complex to F-actin and stabilizes the circumferential actin belt. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13-19.	3.3	356
23	Cadherin-11 in Synovial Lining Formation and Pathology in Arthritis. <i>Science</i> , 2007, 315, 1006-1010.	6.0	355
24	β -Catenin-Vinculin Interaction Functions to Organize the Apical Junctional Complex in Epithelial Cells. <i>Journal of Cell Biology</i> , 1998, 142, 847-857.	2.3	324
25	Molecular nature of the calcium-dependent cell-cell adhesion system in mouse teratocarcinoma and embryonic cells studied with a monoclonal antibody. <i>Developmental Biology</i> , 1984, 101, 19-27.	0.9	308
26	The mRNA-like noncoding RNA Gomafu constitutes a novel nuclear domain in a subset of neurons. <i>Journal of Cell Science</i> , 2007, 120, 2498-2506.	1.2	288
27	Guidance of optic nerve fibres by N-cadherin adhesion molecules. <i>Nature</i> , 1988, 334, 62-64.	13.7	283
28	Axon Patterning Requires D N-cadherin, a Novel Neuronal Adhesion Receptor, in the Drosophila Embryonic CNS. <i>Neuron</i> , 1997, 19, 77-89.	3.8	279
29	N-cadherin mediates cortical organization in the mouse brain. <i>Developmental Biology</i> , 2007, 304, 22-33.	0.9	275
30	Shroom3-mediated recruitment of Rho kinases to the apical cell junctions regulates epithelial and neuroepithelial planar remodeling. <i>Development (Cambridge)</i> , 2008, 135, 1493-1502.	1.2	263
31	Neuronal Circuits Are Subdivided by Differential Expression of Type-II Classic Cadherins in Postnatal Mouse Brains. <i>Molecular and Cellular Neurosciences</i> , 1997, 9, 433-447.	1.0	262
32	Teratocarcinoma cell adhesion: Identification of a cell-surface protein involved in calcium-dependent cell aggregation. <i>Cell</i> , 1982, 28, 217-224.	13.5	260
33	Cadherins in Brain Morphogenesis and Wiring. <i>Physiological Reviews</i> , 2012, 92, 597-634.	13.1	251
34	The calcium-dependent cell-cell adhesion system regulates inner cell mass formation and cell surface polarization in early mouse development. <i>Cell</i> , 1983, 35, 631-638.	13.5	247
35	Cadherins in the Developing Central Nervous System: An Adhesive Code for Segmental and Functional Subdivisions. <i>Developmental Biology</i> , 1996, 180, 413-423.	0.9	242
36	Cytoskeletal reorganization by soluble Wnt β protein signalling. <i>Genes To Cells</i> , 1998, 3, 659-670.	0.5	240

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37	Cadherin-11 Expressed in Association with Mesenchymal Morphogenesis in the Head, Somite, and Limb Bud of Early Mouse Embryos. <i>Developmental Biology</i> , 1995, 169, 347-358.	0.9	237
38	Precocious Mammary Gland Development in P-Cadherin-deficient Mice. <i>Journal of Cell Biology</i> , 1997, 139, 1025-1032.	2.3	232
39	Stability of dendritic spines and synaptic contacts is controlled by β -N-catenin. <i>Nature Neuroscience</i> , 2004, 7, 357-363.	7.1	231
40	Epimorphin: A mesenchymal protein essential for epithelial morphogenesis. <i>Cell</i> , 1992, 69, 471-481.	13.5	229
41	Cytoplasmic Regulation of the Movement of E-Cadherin on the Free Cell Surface as Studied by Optical Tweezers and Single Particle Tracking: Corraling and Tethering by the Membrane Skeleton. <i>Journal of Cell Biology</i> , 1998, 140, 1227-1240.	2.3	221
42	Dynamic Behavior of the Cadherin-Based Cell-Cell Adhesion System during <i>Drosophila</i> Gastrulation. <i>Developmental Biology</i> , 1998, 203, 435-450.	0.9	218
43	p120 ^{ctn} Acts as an Inhibitory Regulator of Cadherin Function in Colon Carcinoma Cells. <i>Journal of Cell Biology</i> , 1999, 145, 551-562.	2.3	216
44	R-cadherin: A novel Ca ²⁺ -dependent cell-cell adhesion molecule expressed in the retina. <i>Neuron</i> , 1991, 7, 69-79.	3.8	207
45	Structural and functional diversity of cadherin at the adherens junction. <i>Journal of Cell Biology</i> , 2011, 193, 1137-1146.	2.3	203
46	Cdc42 GEF Tuba regulates the junctional configuration of simple epithelial cells. <i>Journal of Cell Biology</i> , 2006, 175, 135-146.	2.3	201
47	Loss of membranous E-cadherin expression in pancreatic cancer: Correlation with lymph node metastasis, high grade, and advanced stage. <i>Journal of Pathology</i> , 1994, 174, 243-248.	2.1	200
48	Basal-to-apical cadherin flow at cell junctions. <i>Nature Cell Biology</i> , 2007, 9, 92-98.	4.6	199
49	Wnt2b controls retinal cell differentiation at the ciliary marginal zone. <i>Development (Cambridge)</i> , 2003, 130, 587-598.	1.2	190
50	Role of N-cadherin cell adhesion molecules in the histogenesis of neural retina. <i>Neuron</i> , 1988, 1, 289-295.	3.8	178
51	N-linked oligosaccharides are not involved in the function of a cell-cell binding glycoprotein E-cadherin. <i>Cell Structure and Function</i> , 1986, 11, 245-252.	0.5	172
52	Activation of protein kinase C triggers premature compaction in the four-cell stage mouse embryo. <i>Developmental Biology</i> , 1990, 138, 1-15.	0.9	172
53	Cadherin-6 Expression Transiently Delineates Specific Rhombomeres, Other Neural Tube Subdivisions, and Neural Crest Subpopulations in Mouse Embryos. <i>Developmental Biology</i> , 1997, 183, 183-194.	0.9	169
54	Asymmetric colocalization of Flamingo, a seven-pass transmembrane cadherin, and Dishevelled in planar cell polarization. <i>Current Biology</i> , 2001, 11, 859-863.	1.8	163

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55	Synaptic contact dynamics controlled by cadherin and catenins. <i>Trends in Cell Biology</i> , 2005, 15, 216-221.	3.6	157
56	Loss of Cadherin-11 Adhesion Receptor Enhances Plastic Changes in Hippocampal Synapses and Modifies Behavioral Responses. <i>Molecular and Cellular Neurosciences</i> , 2000, 15, 534-546.	1.0	151
57	Fetal Brain Subdivisions Defined by R- and E-Cadherin Expressions: Evidence for the Role of Cadherin Activity in Region-Specific, Cell-Cell Adhesion. <i>Developmental Biology</i> , 1995, 172, 466-478.	0.9	149
58	New insights into Fat cadherins. <i>Journal of Cell Science</i> , 2005, 118, 2347-2353.	1.2	148
59	Immunological detection of cell surface components related with aggregation of Chinese hamster and chick embryonic cells. <i>Developmental Biology</i> , 1979, 70, 206-216.	0.9	146
60	Cadherins: a molecular family essential for selective cell-cell adhesion and animal morphogenesis. <i>Trends in Genetics</i> , 1987, 3, 213-217.	2.9	146
61	Mammalian Fat1 cadherin regulates actin dynamics and cell-cell contact. <i>Journal of Cell Biology</i> , 2004, 165, 517-528.	2.3	143
62	OL-protocadherin is essential for growth of striatal axons and thalamocortical projections. <i>Nature Neuroscience</i> , 2007, 10, 1151-1159.	7.1	142
63	Unstable Expression of E-Cadherin Adhesion Molecules in Metastatic Ovarian Tumor Cells. <i>Japanese Journal of Cancer Research</i> , 1989, 80, 459-463.	1.7	140
64	Chapter 2 Remodeling of the Adherens Junctions During Morphogenesis. <i>Current Topics in Developmental Biology</i> , 2009, 89, 33-54.	1.0	139
65	Selective adhesion of embryonal carcinoma cells and differentiated cells by Ca ²⁺ -dependent sites. <i>Developmental Biology</i> , 1981, 87, 340-350.	0.9	135
66	Nezha/CAMSAP3 and CAMSAP2 cooperate in epithelial-specific organization of noncentrosomal microtubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20029-20034.	3.3	134
67	Ectopic expression of connectin reveals a repulsive function during growth cone guidance and synapse formation. <i>Neuron</i> , 1994, 13, 525-539.	3.8	132
68	NMDA-Receptor Activation Induces Calpain-Mediated β -Catenin Cleavages for Triggering Gene Expression. <i>Neuron</i> , 2007, 53, 387-397.	3.8	132
69	Mechanosensitive EPLIN-dependent remodeling of adherens junctions regulates epithelial reshaping. <i>Journal of Cell Biology</i> , 2011, 194, 643-656.	2.3	131
70	Altered expression and function of E-cadherin in cervical intraepithelial neoplasia and invasive squamous cell carcinoma. <i>Journal of Pathology</i> , 1995, 176, 151-159.	2.1	128
71	Immunohistochemical evaluation of E-cadherin adhesion molecule expression in human gastric cancer. <i>Virchows Archiv A, Pathological Anatomy and Histopathology</i> , 1992, 421, 149-156.	1.4	124
72	Regulation of Dendritic Maintenance and Growth by a Mammalian 7-Pass Transmembrane Cadherin. <i>Developmental Cell</i> , 2004, 7, 205-216.	3.1	120

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73	Nectins Establish a Checkerboard-Like Cellular Pattern in the Auditory Epithelium. <i>Science</i> , 2011, 333, 1144-1147.	6.0	120
74	CAMSAP3 orients the apical-to-basal polarity of microtubule arrays in epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 332-337.	3.3	120
75	Cadherin-6 in the developing mouse brain: Expression along restricted connection systems and synaptic localization suggest a potential role in neuronal circuitry. <i>Developmental Dynamics</i> , 1998, 211, 338-351.	0.8	113
76	Wnt2b inhibits differentiation of retinal progenitor cells in the absence of Notch activity by downregulating the expression of proneural genes. <i>Development (Cambridge)</i> , 2005, 132, 2759-2770.	1.2	112
77	Contact-dependent promotion of cell migration by the OL-protocadherin-Nap1 interaction. <i>Journal of Cell Biology</i> , 2008, 182, 395-410.	2.3	112
78	Willin and Par3 cooperatively regulate epithelial apical constriction through aPKC-mediated ROCK phosphorylation. <i>Nature Cell Biology</i> , 2011, 13, 860-866.	4.6	111
79	An Autoinhibited Structure of β -Catenin and Its Implications for Vinculin Recruitment to Adherens Junctions. <i>Journal of Biological Chemistry</i> , 2013, 288, 15913-15925.	1.6	110
80	Drosophila Synapse Formation: Regulation by Transmembrane Protein with Leu-Rich Repeats, CAPRICIOUS. <i>Science</i> , 1998, 280, 2118-2121.	6.0	108
81	Adhesive Subdivisions Intrinsic to the Epithelial Somites. <i>Developmental Biology</i> , 1999, 215, 182-189.	0.9	107
82	Developmental roles and molecular characterization of a Drosophila homologue of Arabidopsis Argonaute1, the founder of a novel gene superfamily. <i>Genes To Cells</i> , 2001, 6, 313-325.	0.5	107
83	Morphologic fate of diencephalic prosomeres and their subdivisions revealed by mapping cadherin expression. , 2000, 421, 481-514.		106
84	THE EXPRESSION OF DIFFERENTIATION BY CHICKEN LENS EPITHELIUM IN IN VITRO CELL CULTURE*. <i>Development Growth and Differentiation</i> , 1971, 13, 323-336.	0.6	103
85	Nerve growth cone migration onto Schwann cells involves the calcium-dependent adhesion molecule, N-cadherin. <i>Developmental Biology</i> , 1990, 138, 430-442.	0.9	101
86	Experimental manipulation of cell surface to affect cellular recognition mechanisms. <i>Developmental Biology</i> , 1979, 70, 195-205.	0.9	99
87	Botulinum hemagglutinin disrupts the intercellular epithelial barrier by directly binding E-cadherin. <i>Journal of Cell Biology</i> , 2010, 189, 691-700.	2.3	98
88	Interneurite affinity is regulated by heterophilic nectin interactions in concert with the cadherin machinery. <i>Journal of Cell Biology</i> , 2006, 174, 141-151.	2.3	96
89	Cadherin expression in the retina and retinofugal pathways of the chicken embryo. , 1998, 396, 20-38.		93
90	Drosophila β -Catenin and E-cadherin Bind to Distinct Regions of Drosophila Armadillo. <i>Journal of Biological Chemistry</i> , 1996, 271, 32411-32420.	1.6	90

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91	Cadherins in neuronal morphogenesis and function. <i>Development Growth and Differentiation</i> , 2008, 50, S119-30.	0.6	89
92	Genetic Dissection of Cadherin Function during Nephrogenesis. <i>Molecular and Cellular Biology</i> , 2002, 22, 1474-1487.	1.1	88
93	Protocadherin-17 Mediates Collective Axon Extension by Recruiting Actin Regulator Complexes to Interaxonal Contacts. <i>Developmental Cell</i> , 2014, 30, 673-687.	3.1	85
94	Cadherin-8 Is Required for the First Relay Synapses to Receive Functional Inputs from Primary Sensory Afferents for Cold Sensation. <i>Journal of Neuroscience</i> , 2007, 27, 3466-3476.	1.7	83
95	Differential expression of the seven-pass transmembrane cadherin genes <i>Celsr1-3</i> and distribution of the <i>Celsr2</i> protein during mouse development. <i>Developmental Dynamics</i> , 2002, 223, 321-332.	0.8	81
96	E-cadherin expression in a particular subset of sensory neurons. <i>Developmental Biology</i> , 1992, 152, 242-254.	0.9	80
97	N- and R-cadherin expression in the optic nerve of the chicken embryo. <i>Glia</i> , 1993, 8, 161-171.	2.5	80
98	Targeted Disruption of Cadherin-11 Leads to a Reduction in Bone Density in Calvaria and Long Bone Metaphyses. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1265-1271.	3.1	80
99	Patterning of cell assemblies regulated by adhesion receptors of the cadherin superfamily. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 885-890.	1.8	74
100	Emerging roles of protocadherins: from self-avoidance to enhancement of motility. <i>Journal of Cell Science</i> , 2015, 128, 1455-64.	1.2	73
101	Mouse β -N-Catenin: Two Isoforms, Specific Expression in the Nervous System, and Chromosomal Localization of the Gene. <i>Developmental Biology</i> , 1994, 163, 75-85.	0.9	72
102	Mammalian Fat and Dachshous cadherins regulate apical membrane organization in the embryonic cerebral cortex. <i>Journal of Cell Biology</i> , 2009, 185, 959-967.	2.3	72
103	CAMSAP3 maintains neuronal polarity through regulation of microtubule stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9750-9755.	3.3	72
104	Phenotypic analysis of null mutants for DE-cadherin and Armadillo in <i>Drosophila</i> ovaries reveals distinct aspects of their functions in cell adhesion and cytoskeletal organization. <i>Genes To Cells</i> , 1997, 2, 29-40.	0.5	71
105	Non-overlapping expression of <i>Olig3</i> and <i>Olig2</i> in the embryonic neural tube. <i>Mechanisms of Development</i> , 2002, 113, 169-174.	1.7	68
106	The adherens junctions control susceptibility to <i>Staphylococcus aureus</i> α -toxin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14337-14342.	3.3	68
107	Genomic organization and chromosomal mapping of the mouse P-cadherin gene. <i>Nucleic Acids Research</i> , 1991, 19, 4437-4441.	6.5	67
108	A Potential Role of R-cadherin in Striated Muscle Formation. <i>Developmental Biology</i> , 1997, 187, 55-70.	0.9	67

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109	Delayed Assembly of Desmosomes in Keratinocytes with Disrupted Classic-Cadherin-Mediated Cell Adhesion by a Dominant Negative Mutant. <i>Journal of Investigative Dermatology</i> , 1995, 104, 27-32.	0.3	66
110	Self-Organization of Animal Tissues: Cadherin-Mediated Processes. <i>Developmental Cell</i> , 2011, 21, 24-26.	3.1	66
111	DN-Cadherin Is Required for Spatial Arrangement of Nerve Terminals and Ultrastructural Organization of Synapses. <i>Molecular and Cellular Neurosciences</i> , 2002, 19, 375-388.	1.0	65
112	Identification of the laminar-inducing factor: Wnt-signal from the anterior rim induces correct laminar formation of the neural retina in vitro. <i>Developmental Biology</i> , 2003, 260, 414-425.	0.9	65
113	Expression of cadherin-11 delineates boundaries, neuromeres, and nuclei in the developing mouse brain. , 1996, 206, 455-462.		63
114	Cadherin is required for dendritic morphogenesis and synaptic terminal organization of retinal horizontal cells. <i>Development (Cambridge)</i> , 2006, 133, 4085-4096.	1.2	63
115	Cleavage stage mouse embryos share a common cell adhesion system with teratocarcinoma cells. <i>Developmental Biology</i> , 1982, 92, 521-528.	0.9	60
116	M-Spondin, a Novel ECM Protein Highly Homologous to Vertebrate F-Spondin, Is Localized at the Muscle Attachment Sites in the <i>Drosophila</i> Embryo. <i>Developmental Biology</i> , 1997, 186, 165-176.	0.9	58
117	Homeobox Gene <i>Hoxa3</i> Is Essential for the Formation of the Carotid Body in the Mouse Embryos. <i>Developmental Biology</i> , 2002, 247, 197-209.	0.9	58
118	Accumulation of Armadillo Induced by Wingless, Dishevelled, and Dominant-negative Zeste-white 3 Leads to Elevated DE-cadherin in <i>Drosophila</i> Clone 8 Wing Disc Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 25243-25251.	1.6	56
119	p120-catenin regulates microtubule dynamics and cell migration in a cadherin-independent manner. <i>Genes To Cells</i> , 2007, 12, 827-839.	0.5	55
120	Interactions of Schwann cells with neurites and with other Schwann cells involve the calcium-dependent adhesion molecule, N-cadherin. <i>Journal of Neurobiology</i> , 1991, 22, 707-720.	3.7	54
121	Giant cadherins Fat and Dachous self-bend to organize properly spaced intercellular junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16011-16016.	3.3	53
122	Identification of a gene family of cadherin cell adhesion molecules. <i>Cell Differentiation and Development</i> , 1988, 25, 91-94.	0.4	52
123	Monoclonal antibody ECCD-1 inhibits intercellular communication in teratocarcinoma PCC3 cells. <i>Experimental Cell Research</i> , 1984, 152, 270-274.	1.2	48
124	Adherens junction regulates cryptic lamellipodia formation for epithelial cell migration. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	45
125	Loss of X-linked Protocadherin-19 differentially affects the behavior of heterozygous female and hemizygous male mice. <i>Scientific Reports</i> , 2017, 7, 5801.	1.6	42
126	Effect of Hepatocyte Growth Factor on Cadherin-Mediated Cell-Cell Adhesion.. <i>Cell Structure and Function</i> , 1993, 18, 117-124.	0.5	40

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127	Calcium-Dependent and-Independent Adhesion of Normal and Transformed BHK Cells. Cell Structure and Function, 1977, 2, 289-296.	0.5	40
128	Expression Pattern of E- and P-Cadherin in Mouse Embryos and Uteri during the Periimplantation Period. (implantation/mouse embryo/cell adhesion molecules E-cadherin/P-cadherin). Development Growth and Differentiation, 1989, 31, 23-30.	0.6	37
129	Organization of Non-centrosomal Microtubules in Epithelial Cells. Cell Structure and Function, 2016, 41, 127-135.	0.5	37
130	Temporal and spatial expression profiles of the Fat3 protein, a giant cadherin molecule, during mouse development. Developmental Dynamics, 2007, 236, 534-543.	0.8	36
131	Induced cortical tension restores functional junctions in adhesion-defective carcinoma cells. Nature Communications, 2017, 8, 1834.	5.8	36
132	Non-centrosomal microtubules regulate F-actin organization through the suppression of GEF-H1 activity. Genes To Cells, 2013, 18, 387-396.	0.5	35
133	N-catenin deficiency causes defects in axon migration and nuclear organization in restricted regions of the mouse brain. Developmental Dynamics, 2006, 235, 2559-2566.	0.8	33
134	Requirement for ERK MAP kinase in mouse preimplantation development. Development (Cambridge), 2007, 134, 2751-2759.	1.2	33
135	Cloning and expression analysis of cadherin-10 in the CNS of the chicken embryo. , 1997, 209, 269-285.		32
136	Functional dissection of drosophila capricious: its novel roles in neuronal pathfinding and selective synapse formation. , 2000, 42, 104-116.		31
137	Catenins Steer Cell Migration via Stabilization of Front-Rear Polarity. Developmental Cell, 2017, 43, 463-479.e5.	3.1	31
138	Dachsous1 Fat4 Signaling Controls Endothelial Cell Polarization During Lymphatic Valve Morphogenesis Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1732-1735.	1.1	31
139	Hoxa3 Regulates Integration of Glossopharyngeal Nerve Precursor Cells. Developmental Biology, 2001, 240, 15-31.	0.9	30
140	Identification of a nonchordate-type classic cadherin in vertebrates: Chicken Hz-cadherin is expressed in horizontal cells of the neural retina and contains a nonchordate-specific domain complex. Developmental Dynamics, 2004, 229, 899-906.	0.8	29
141	Monoclonal antibodies to chicken iodopsin. Experimental Eye Research, 1989, 48, 281-293.	1.2	28
142	DAAM1 stabilizes epithelial junctions by restraining WAVE complex-dependent lateral membrane motility. Journal of Cell Biology, 2016, 215, 559-573.	2.3	28
143	Reexamination of the properties of epimorphin and its possible roles. Cell, 1993, 73, 426-427.	13.5	27
144	Minus end-directed motor KIFC3 suppresses E-cadherin degradation by recruiting USP47 to adherens junctions. Molecular Biology of the Cell, 2014, 25, 3851-3860.	0.9	27

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145	N-cadherin is crucial for heart formation in the chick embryo. <i>Development Growth and Differentiation</i> , 1997, 39, 451-455.	0.6	26
146	Requirement of the juxtamembrane domain of the cadherin cytoplasmic tail for morphogenetic cell rearrangement during myotome development. <i>Journal of Cell Biology</i> , 2001, 155, 1297-1306.	2.3	26
147	Two Mechanisms in Cell Adhesion Revealed by Effects of Divalent Cations. <i>Cell Structure and Function</i> , 1976, 1, 377-388.	0.5	25
148	Nullipotent Teratocarcinoma Cells Acquire the Pluripotency for Differentiation by Fusion with Somatic Cells. <i>Differentiation</i> , 1982, 23, 83-86.	1.0	25
149	Characterization of a mutant E-cadherin protein encoded by a mutant gene frequently seen in diffuse-type human gastric carcinoma. <i>International Journal of Cancer</i> , 2000, 88, 579-583.	2.3	25
150	Distribution of OL-protocadherin in axon fibers in the developing chick nervous system. <i>Molecular Brain Research</i> , 2005, 134, 294-308.	2.5	24
151	Loss of CAMSAP3 promotes EMT via the modification of microtubule-Akt machinery. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	24
152	Exogenous β -crystallin gene expression as probe for differentiation of teratocarcinoma stem cells. <i>Cell Differentiation</i> , 1988, 24, 139-147.	1.3	23
153	Purification and spectroscopic characterization of a recombinant amino-terminal polypeptide fragment of mouse epithelial cadherin. <i>FEBS Letters</i> , 1994, 352, 318-322.	1.3	23
154	Roles for Cadherins in Patterning of the Developing Brain. <i>Developmental Neuroscience</i> , 1997, 19, 86-87.	1.0	23
155	Blockade of cadherin-6B activity perturbs the distribution of PSD-95 family proteins in retinal neurones. <i>Genes To Cells</i> , 2000, 5, 309-318.	0.5	23
156	Cornichon-like Protein Facilitates Secretion of HB-EGF and Regulates Proper Development of Cranial Nerves. <i>Molecular Biology of the Cell</i> , 2007, 18, 1143-1152.	0.9	22
157	Nectins localize Willin to cell-cell junctions. <i>Genes To Cells</i> , 2012, 17, 387-397.	0.5	22
158	Multiple functions of β -catenin beyond cell adhesion regulation. <i>Current Opinion in Cell Biology</i> , 2018, 54, 24-29.	2.6	22
159	Developmental changes in the subcellular localization of R-cadherin in chick retinal pigment epithelium. <i>Histochemistry and Cell Biology</i> , 1997, 108, 35-43.	0.8	20
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