

Yoshimi Takai

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

16,439
citations

14614

66
h-index

17055

122
g-index

267
all docs

267
docs citations

267
times ranked

12230
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nectin-2 in general and in the brain. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 167-180. | 1.4 | 12 |
| 2 | Stimulatory role of nectin-4 and p95-ErbB2 in multilayered T47D cell proliferation. <i>Genes To Cells</i> , 2022, , . | 0.5 | 1 |
| 3 | Nectin-2 is localized at cholinergic neuron dendrites and regulates synapse formation in the medial habenula. <i>Journal of Comparative Neurology</i> , 2021, 529, 450-477. | 0.9 | 4 |
| 4 | Changes in brain synapse-related molecules with age. , 2021, , 185-198. | | 0 |
| 5 | Recent advances in understanding tight junctions. <i>Faculty Reviews</i> , 2021, 10, 18. | 1.7 | 7 |
| 6 | Filopodium-derived vesicles produced by MIM enhance the migration of recipient cells. <i>Developmental Cell</i> , 2021, 56, 842-859.e8. | 3.1 | 30 |
| 7 | Nectin-4 and p95-ErbB2 cooperatively regulate Hippo signaling-dependent SOX2 gene expression, enhancing anchorage-independent T47D cell proliferation. <i>Scientific Reports</i> , 2021, 11, 7344. | 1.6 | 9 |
| 8 | Nectins and Nectin-like molecules in synapse formation and involvement in neurological diseases. <i>Molecular and Cellular Neurosciences</i> , 2021, 115, 103653. | 1.0 | 12 |
| 9 | CD112 Regulates Angiogenesis and T Cell Entry into the Spleen. <i>Cells</i> , 2021, 10, 169. | 1.8 | 8 |
| 10 | Afadin regulates actomyosin organization through E-catenin at adherens junctions. <i>Journal of Cell Biology</i> , 2020, 219, . | 2.3 | 31 |
| 11 | Interaction of nectin-2 with the auxiliary protein of the voltage-gated A-type K ⁺ channel Kv4.2 dipeptidyl aminopeptidase-like protein at the boundary between the adjacent somata of clustered cholinergic neurons in the medial habenula. <i>Molecular and Cellular Neurosciences</i> , 2019, 94, 32-40. | 1.0 | 4 |
| 12 | Nectin-4 cis-interacts with ErbB2 and its trastuzumab-resistant splice variants, enhancing their activation and DNA synthesis. <i>Scientific Reports</i> , 2019, 9, 18997. | 1.6 | 20 |
| 13 | Roles of the third Ig-like domain of Necl-5/PVR and the fifth Ig-like domain of the PDGF receptor in its signaling. <i>Genes To Cells</i> , 2018, 23, 214-224. | 0.5 | 4 |
| 14 | Requirement of the Nectin-binding activity of l-afadin for enhancing the formation of adherens and tight junctions. <i>Genes To Cells</i> , 2018, 23, 185-199. | 0.5 | 29 |
| 15 | Localization of nectin-2 at the boundary between the adjacent somata of the clustered cholinergic neurons and its regulatory role in the subcellular localization of the voltage-gated A-type K ⁺ channel Kv4.2 in the medial habenula. <i>Journal of Comparative Neurology</i> , 2018, 526, 1527-1549. | 0.9 | 4 |
| 16 | Prolactin. , 2018, , . | | 1 |
| 17 | Involvement of l-afadin, but not s-afadin, in the formation of puncta adherentia junctions of hippocampal synapses. <i>Molecular and Cellular Neurosciences</i> , 2018, 92, 40-49. | 1.0 | 15 |
| 18 | Frabin. , 2018, , 1862-1867. | | 0 |

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|----|---|-----|-----------|
| 19 | Nectin-4 co-stimulates the prolactin receptor by interacting with SOCS1 and inhibiting its activity on the JAK2-STAT5a signaling pathway. <i>Journal of Biological Chemistry</i> , 2017, 292, 6895-6909. | 1.6 | 19 |
| 20 | Aging-dependent expression of synapse-related proteins in the mouse brain. <i>Genes To Cells</i> , 2017, 22, 472-484. | 0.5 | 10 |
| 21 | Multiple roles of afadin in the ultrastructural morphogenesis of mouse hippocampal mossy fiber synapses. <i>Journal of Comparative Neurology</i> , 2017, 525, 2719-2734. | 0.9 | 14 |
| 22 | Roles of afadin in functional differentiations of hippocampal mossy fiber synapse. <i>Genes To Cells</i> , 2017, 22, 715-722. | 0.5 | 5 |
| 23 | Roles of afadin in the formation of the cellular architecture of the mouse hippocampus and dentate gyrus. <i>Molecular and Cellular Neurosciences</i> , 2017, 79, 34-44. | 1.0 | 8 |
| 24 | Nectin-like molecule-4/cell adhesion molecule 4 inhibits the ligand-induced dimerization of ErbB3 with ErbB2. <i>Scientific Reports</i> , 2017, 7, 11375. | 1.6 | 6 |
| 25 | <sc>NGL</sc>-induced presynaptic differentiation of hippocampal neurons in an afadin-dependent, nectin-independent manner. <i>Genes To Cells</i> , 2017, 22, 742-755. | 0.5 | 7 |
| 26 | Dynamic expression of nectins in enamel organs of mouse incisors. <i>Journal of Oral Biosciences</i> , 2017, 59, 172-178. | 0.8 | 1 |
| 27 | Nectin spot: a novel type of nectin-mediated cell adhesion apparatus. <i>Biochemical Journal</i> , 2016, 473, 2691-2715. | 1.7 | 33 |
| 28 | Localization of nectin-2 ^{fl} at perivascular astrocytic endfoot processes and degeneration of astrocytes and neurons in nectin-2 knockout mouse brain. <i>Brain Research</i> , 2016, 1649, 90-101. | 1.1 | 23 |
| 29 | Regulatory role of the cell adhesion molecule nectin-1 in <sc>GABA</sc>ergic inhibitory synaptic transmission in the <sc>CA</sc>3 region of mouse hippocampus. <i>Genes To Cells</i> , 2016, 21, 88-98. | 0.5 | 4 |
| 30 | Cooperative Roles of Nectins with Cadherins in Physiological and Pathological Processes. , 2016, , 115-156. | | 0 |
| 31 | Activity-dependent alteration of the morphology of a hippocampal giant synapse. <i>Molecular and Cellular Neurosciences</i> , 2016, 71, 25-33. | 1.0 | 14 |
| 32 | A Novel Nectin-mediated Cell Adhesion Apparatus That Is Implicated in Prolactin Receptor Signaling for Mammary Gland Development. <i>Journal of Biological Chemistry</i> , 2016, 291, 5817-5831. | 1.6 | 16 |
| 33 | Synergistic action of nectins and cadherins generates the mosaic cellular pattern of the olfactory epithelium. <i>Journal of Cell Biology</i> , 2016, 212, 561-575. | 2.3 | 42 |
| 34 | Frabin. , 2016, , 1-5. | | 0 |
| 35 | Crystal structure of afadin PDZ domain-nectin-3 complex shows the structural plasticity of the ligand-binding site. <i>Protein Science</i> , 2015, 24, 376-385. | 3.1 | 14 |
| 36 | Nectin-1 spots as a novel adhesion apparatus that tethers mitral cell lateral dendrites in a dendritic meshwork structure of the developing mouse olfactory bulb. <i>Journal of Comparative Neurology</i> , 2015, 523, 1824-1839. | 0.9 | 9 |

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|----|--|-----|-----------|
| 37 | The Cell Adhesion Molecule Nectin-4/CADM4 Serves as a Novel Regulator for Contact Inhibition of Cell Movement and Proliferation. <i>PLoS ONE</i> , 2015, 10, e0124259. | 1.1 | 24 |
| 38 | Quantitative Analysis of the Cellular Composition in Seminiferous Tubules in Normal and Genetically Modified Infertile Mice. <i>Journal of Histochemistry and Cytochemistry</i> , 2015, 63, 99-113. | 1.3 | 59 |
| 39 | Nectins and Nectin-Like Molecules in Development and Disease. <i>Current Topics in Developmental Biology</i> , 2015, 112, 197-231. | 1.0 | 102 |
| 40 | Impairment of radial glial scaffold-dependent neuronal migration and formation of double cortex by genetic ablation of afadin. <i>Brain Research</i> , 2015, 1620, 139-152. | 1.1 | 25 |
| 41 | Human T-Cell Leukemia Virus Type 1 (HTLV-1) Tax Requires CADM1/TSLC1 for Inactivation of the NF- κ B Inhibitor A20 and Constitutive NF- κ B Signaling. <i>PLoS Pathogens</i> , 2015, 11, e1004721. | 2.1 | 44 |
| 42 | Nectin-1 spots regulate the branching of olfactory mitral cell dendrites. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 143-150. | 1.0 | 8 |
| 43 | Downregulation of CXCR4 in Metastasized Breast Cancer Cells and Implication in Their Dormancy. <i>PLoS ONE</i> , 2015, 10, e0130032. | 1.1 | 34 |
| 44 | Genetic Ablation of Afadin Causes Mislocalization and Deformation of Paneth Cells in the Mouse Small Intestinal Epithelium. <i>PLoS ONE</i> , 2014, 9, e110549. | 1.1 | 5 |
| 45 | Cooperation of Nectin-1 and Nectin-3 Is Required for Maintenance of Epidermal Stratification and Proper Hair Shaft Formation in the Mouse. <i>Developmental Biology Journal</i> , 2014, 2014, 1-12. | 0.3 | 2 |
| 46 | Afadin binds more preferentially to the cell adhesion molecules nectins than afadin. <i>Genes To Cells</i> , 2014, 19, 853-863. | 0.5 | 10 |
| 47 | Afadin requirement for cytokine expressions in keratinocytes during chemically induced inflammation in mice. <i>Genes To Cells</i> , 2014, 19, 842-852. | 0.5 | 7 |
| 48 | Aberrant cochlear hair cell attachments caused by Nectin-3 deficiency result in hair bundle abnormalities. <i>Development (Cambridge)</i> , 2014, 141, 399-409. | 1.2 | 28 |
| 49 | Absence of primary cilia in cell cycle-arrested human breast cancer cells. <i>Genes To Cells</i> , 2014, 19, 141-152. | 0.5 | 41 |
| 50 | Suppression of the TGF β 1-induced protein expression of SNAI1 and N-cadherin by miR-199a. <i>Genes To Cells</i> , 2014, 19, 667-675. | 0.5 | 17 |
| 51 | Roles of Nectins and Nectin-Like Molecules in the Nervous System. <i>Advances in Neurobiology</i> , 2014, 8, 91-116. | 1.3 | 21 |
| 52 | Afadin Regulates Puncta Adherens Junction Formation and Presynaptic Differentiation in Hippocampal Neurons. <i>PLoS ONE</i> , 2014, 9, e89763. | 1.1 | 26 |
| 53 | Nectin and junctional adhesion molecule are critical cell adhesion molecules for the apico-basal alignment of adherens and tight junctions in epithelial cells. <i>Genes To Cells</i> , 2013, 18, 985-998. | 0.5 | 14 |
| 54 | Binding between the Junctional Proteins Afadin and PLEKHA7 and Implication in the Formation of Adherens Junction in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 29356-29368. | 1.6 | 50 |

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|----|---|-----|-----------|
| 55 | Interaction of N-cadherin with ErbB3 and integrin β_6 and inhibition of ErbB2/ErbB3 signaling and hemidesmosome disassembly. <i>Genes To Cells</i> , 2013, 18, 519-528. | 0.5 | 24 |
| 56 | Necl-2/CADM1 interacts with ErbB4 and regulates its activity in GABAergic neurons. <i>Molecular and Cellular Neurosciences</i> , 2013, 56, 234-243. | 1.0 | 23 |
| 57 | Afadin/AF-6 and Canoe. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 116, 433-454. | 0.9 | 65 |
| 58 | Nectin-Like Molecule-5 Regulates Intimal Thickening After Carotid Artery Ligation in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1206-1211. | 1.1 | 4 |
| 59 | Reduction of the ST6 β -Galactosamide β -2,6-Sialyltransferase 1 (ST6GAL1)-catalyzed Sialylation of Nectin-like Molecule 2/Cell Adhesion Molecule 1 and Enhancement of ErbB2/ErbB3 Signaling by MicroRNA-199a. <i>Journal of Biological Chemistry</i> , 2013, 288, 11845-11853. | 1.6 | 31 |
| 60 | miR-214 and hypoxia downregulate N-cadherin and enhance ErbB2/ErbB3 signaling. <i>Genes To Cells</i> , 2013, 18, 195-202. | 0.5 | 18 |
| 61 | Genetic Deletion of Afadin Causes Hydrocephalus by Destruction of Adherens Junctions in Radial Glial and Ependymal Cells in the Midbrain. <i>PLoS ONE</i> , 2013, 8, e80356. | 1.1 | 45 |
| 62 | Regulation of Dendritic Filopodial Interactions by ZO-1 and Implications for Dendrite Morphogenesis. <i>PLoS ONE</i> , 2013, 8, e76201. | 1.1 | 6 |
| 63 | The role of nectins in different types of cell-cell adhesion. <i>Journal of Cell Science</i> , 2012, 125, 3713-3722. | 1.2 | 130 |
| 64 | Necl-5/Poliovirus Receptor Interacts With VEGFR2 and Regulates VEGF-Induced Angiogenesis. <i>Circulation Research</i> , 2012, 110, 716-726. | 2.0 | 42 |
| 65 | Epidermal Cadm1 Expression Promotes Autoimmune Alopecia via Enhanced T Cell Adhesion and Cytotoxicity. <i>Journal of Immunology</i> , 2012, 188, 1514-1522. | 0.4 | 20 |
| 66 | Periderm cells covering palatal shelves have tight junctions and their desquamation reduces the polarity of palatal shelf epithelial cells in palatogenesis. <i>Genes To Cells</i> , 2012, 17, 455-472. | 0.5 | 23 |
| 67 | The cell adhesion gene PVRL3 is associated with congenital ocular defects. <i>Human Genetics</i> , 2012, 131, 235-250. | 1.8 | 46 |
| 68 | Immunoglobulin Superfamily Receptors and Adherens Junctions. <i>Sub-Cellular Biochemistry</i> , 2012, 60, 137-170. | 1.0 | 23 |
| 69 | Nectins Establish a Checkerboard-Like Cellular Pattern in the Auditory Epithelium. <i>Science</i> , 2011, 333, 1144-1147. | 6.0 | 120 |
| 70 | Refolding, crystallization and preliminary X-ray crystallographic study of the whole extracellular regions of nectins. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 344-348. | 0.7 | 2 |
| 71 | Directional Cell Migration. <i>International Review of Cell and Molecular Biology</i> , 2011, 287, 97-143. | 1.6 | 24 |
| 72 | Involvement of afadin in barrier function and homeostasis of mouse intestinal epithelia. <i>Journal of Cell Science</i> , 2011, 124, 2231-2240. | 1.2 | 51 |

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|----|---|-----|-----------|
| 73 | Interaction of Nectin-like Molecule 2 with Integrin $\alpha 6 \beta 4$ and Inhibition of Disassembly of Integrin $\alpha 6 \beta 4$ from Hemidesmosomes. <i>Journal of Biological Chemistry</i> , 2011, 286, 36667-36676. | 1.6 | 35 |
| 74 | Crystal Structure of the cis-Dimer of Nectin-1. <i>Journal of Biological Chemistry</i> , 2011, 286, 12659-12669. | 1.6 | 45 |
| 75 | Role of Scaffold Protein Afadin Dilute Domain-interacting Protein (ADIP) in Platelet-derived Growth Factor-induced Cell Movement by Activating Rac Protein through Vav2 Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 43537-43548. | 1.6 | 20 |
| 76 | Cooperative Role of Nectin-Nectin and Nectin-Afadin Interactions in Formation of Nectin-based Cell-Cell Adhesion. <i>Journal of Biological Chemistry</i> , 2011, 286, 36297-36303. | 1.6 | 34 |
| 77 | Cell adhesion molecules nectins and associating proteins: Implications for physiology and pathology. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2010, 86, 621-629. | 1.6 | 48 |
| 78 | Cooperation of nectin $\alpha 1$ and nectin $\alpha 3$ is required for normal ameloblast function and crown shape development in mouse teeth. <i>Developmental Dynamics</i> , 2010, 239, 2558-2569. | 0.8 | 44 |
| 79 | Interaction of integrin $\alpha 6 \beta 4$ with ErbB3 and implication in heregulin-induced ErbB3/ErbB2-mediated DNA synthesis. <i>Genes To Cells</i> , 2010, 15, 995-1001. | 0.5 | 12 |
| 80 | Necl-5/PVR enhances PDGF-induced attraction of growing microtubules to the plasma membrane of the leading edge of moving NIH3T3 cells. <i>Genes To Cells</i> , 2010, 15, 1123-1135. | 0.5 | 16 |
| 81 | Involvement of the Interaction of Afadin with ZO-1 in the Formation of Tight Junctions in Madin-Darby Canine Kidney Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 5003-5012. | 1.6 | 109 |
| 82 | Role of Afadin in Vascular Endothelial Growth Factor and Sphingosine 1-Phosphate-Induced Angiogenesis. <i>Circulation Research</i> , 2010, 106, 1731-1742. | 2.0 | 74 |
| 83 | Deficiency of Nectin-2 Leads to Cardiac Fibrosis and Dysfunction Under Chronic Pressure Overload. <i>Hypertension</i> , 2009, 54, 825-831. | 1.3 | 40 |
| 84 | Silencing of ErbB3/ErbB2 Signaling by Immunoglobulin-like Necl-2. <i>Journal of Biological Chemistry</i> , 2009, 284, 23793-23805. | 1.6 | 52 |
| 85 | Regulation by Afadin of Cyclical Activation and Inactivation of Rap1, Rac1, and RhoA Small G Proteins at Leading Edges of Moving NIH3T3 Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 24595-24609. | 1.6 | 42 |
| 86 | Necl2 regulates epidermal adhesion and wound repair. <i>Development (Cambridge)</i> , 2009, 136, 3505-3514. | 1.2 | 30 |
| 87 | Cell adhesion molecules in the central nervous system. <i>Cell Adhesion and Migration</i> , 2009, 3, 29-35. | 1.1 | 89 |
| 88 | Localization of nectin-free afadin at the leading edge and its involvement in directional cell movement induced by platelet-derived growth factor. <i>Journal of Cell Science</i> , 2009, 122, 4319-4329. | 1.2 | 37 |
| 89 | Involvement of afadin in the formation and remodeling of synapses in the hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 539-544. | 1.0 | 37 |
| 90 | Nectins and Nectin-Like Molecules in the Nervous System. , 2009, , 185-206. | | 1 |

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|-----|--|------|-----------|
| 91 | Establishment of cell polarity by afadin during the formation of embryoid bodies. <i>Genes To Cells</i> , 2008, 13, 79-90. | 0.5 | 30 |
| 92 | Nectins and nectin-like molecules: roles in contact inhibition of cell movement and proliferation. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 603-615. | 16.1 | 483 |
| 93 | Interaction and localization of Necl-5 and PDGF receptor $\hat{1}^2$ at the leading edges of moving NIH3T3 cells: Implications for directional cell movement. <i>Genes To Cells</i> , 2008, 13, 269-284. | 0.5 | 37 |
| 94 | Sequential activation of Rap1 and Rac1 small G proteins by PDGF locally at leading edges of NIH3T3 cells. <i>Genes To Cells</i> , 2008, 13, 549-569. | 0.5 | 45 |
| 95 | Frabin and other related Cdc42-specific guanine nucleotide exchange factors couple the actin cytoskeleton with the plasma membrane. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1169-1176. | 1.6 | 43 |
| 96 | Structural and functional associations of apical junctions with cytoskeleton. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 670-691. | 1.4 | 136 |
| 97 | Novel role of nectin: implication in the co-localization of JAM-A and claudin-1 at the same cell-cell adhesion membrane domain. <i>Genes To Cells</i> , 2008, 13, 797-805. | 0.5 | 13 |
| 98 | The Immunoglobulin-Like Cell Adhesion Molecule Nectin and Its Associated Protein Afadin. <i>Annual Review of Cell and Developmental Biology</i> , 2008, 24, 309-342. | 4.0 | 310 |
| 99 | Involvement of Nectin in Inactivation of Integrin $\hat{1}^2$ after the Establishment of Cell-Cell Adhesion. <i>Journal of Biological Chemistry</i> , 2008, 283, 496-505. | 1.6 | 33 |
| 100 | Roles of Necl-5/Poliovirus Receptor and Rho-associated Kinase (ROCK) in the Regulation of Transformation of Integrin $\hat{1}^2$ -based Focal Complexes into Focal Adhesions. <i>Journal of Biological Chemistry</i> , 2008, 283, 14532-14541. | 1.6 | 12 |
| 101 | Involvement of the nectin-afadin complex in PDGF-induced cell survival. <i>Journal of Cell Science</i> , 2008, 121, 2008-2017. | 1.2 | 55 |
| 102 | Necl-5/Poliovirus Receptor Interacts in cis with Integrin $\hat{1}^2$ and Regulates Its Clustering and Focal Complex Formation. <i>Journal of Biological Chemistry</i> , 2007, 282, 18481-18496. | 1.6 | 46 |
| 103 | Regulation of Platelet-derived Growth Factor Receptor Activation by Afadin through SHP-2. <i>Journal of Biological Chemistry</i> , 2007, 282, 37815-37825. | 1.6 | 41 |
| 104 | Up-regulation of Loricrin Expression by Cell Adhesion Molecule Nectin-1 through Rap1-ERK Signaling in Keratinocytes. <i>Journal of Biological Chemistry</i> , 2007, 282, 18173-18181. | 1.6 | 27 |
| 105 | Cooperative roles of Par-3 and afadin in the formation of adherens and tight junctions. <i>Journal of Cell Science</i> , 2007, 120, 2352-2365. | 1.2 | 98 |
| 106 | Involvement of up-regulated Necl-5/Tage4/PVR/CD155 in the loss of contact inhibition in transformed NIH3T3 cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 856-860. | 1.0 | 16 |
| 107 | Alternative Entry Receptors for Herpes Simplex Virus and Their Roles in Disease. <i>Cell Host and Microbe</i> , 2007, 2, 19-28. | 5.1 | 116 |
| 108 | Role of Multiple Bonds Between the Single Cell Adhesion Molecules, Nectin and Cadherin, Revealed by High Sensitive Force Measurements. <i>Journal of Molecular Biology</i> , 2007, 367, 996-1006. | 2.0 | 44 |

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|-----|--|-----|-----------|
| 109 | Regulation of platelet-derived growth factor-induced Ras signaling by poliovirus receptor Necl-5 and negative growth regulator Sprouty2. <i>Genes To Cells</i> , 2007, 12, 345-357. | 0.5 | 34 |
| 110 | Involvement of integrin-induced activation of protein kinase C in the formation of adherens junctions. <i>Genes To Cells</i> , 2007, 12, 651-662. | 0.5 | 33 |
| 111 | The roles of nectins in cell adhesions: cooperation with other cell adhesion molecules and growth factor receptors. <i>Current Opinion in Cell Biology</i> , 2007, 19, 593-602. | 2.6 | 101 |
| 112 | Involvement of nectins in the formation of puncta adherentia junctions and the mossy fiber trajectory in the mouse hippocampus. <i>Molecular and Cellular Neurosciences</i> , 2006, 31, 315-325. | 1.0 | 95 |
| 113 | Role of cell adhesion molecule nectin-3 in spermatid development. <i>Genes To Cells</i> , 2006, 11, 1125-1132. | 0.5 | 85 |
| 114 | Nectins and nectin-like molecules: Roles in cell adhesion, polarization, movement, and proliferation. <i>IUBMB Life</i> , 2006, 58, 334-343. | 1.5 | 79 |
| 115 | Active zone protein CAST is a component of conventional and ribbon synapses in mouse retina. <i>Journal of Comparative Neurology</i> , 2006, 495, 480-496. | 0.9 | 43 |
| 116 | Interaction of Integrin $\alpha 2 \beta 3$ with Nectin. <i>Journal of Biological Chemistry</i> , 2006, 281, 19631-19644. | 1.6 | 82 |
| 117 | Regulation of the Assembly and Adhesion Activity of E-cadherin by Nectin and Afadin for the Formation of Adherens Junctions in Madin-Darby Canine Kidney Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 5288-5299. | 1.6 | 137 |
| 118 | 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 |
| 119 | Common signaling pathway is used by the trans-interaction of Necl-5/Tage4/PVR/CD155 and nectin, and of nectin and nectin during the formation of cell-cell adhesion. <i>Cancer Science</i> , 2005, 96, 578-589. | 1.7 | 22 |
| 120 | Transcriptional activation of the mouse Necl-5/Tage4/PVR/CD155 gene by fibroblast growth factor or oncogenic Ras through the Raf \rightarrow MEK \rightarrow ERK \rightarrow AP-1 pathway. <i>Oncogene</i> , 2005, 24, 2229-2235. | 2.6 | 64 |
| 121 | Recruitment of E-cadherin associated with β - and γ -catenins and p120ctn to the nectin-based cell-cell adhesion sites by the action of 12-O-tetradecanoylphorbol-13-acetate in MDCK cells. <i>Genes To Cells</i> , 2005, 10, 435-445. | 0.5 | 30 |
| 122 | Involvement of the c-Src-Crk-C3G-Rap1 Signaling in the Nectin-induced Activation of Cdc42 and Formation of Adherens Junctions. <i>Journal of Biological Chemistry</i> , 2005, 280, 815-825. | 1.6 | 133 |
| 123 | Nectin-like molecule-1/TSL1/SynCAM3: a neural tissue-specific immunoglobulin-like cell-cell adhesion molecule localizing at non-junctional contact sites of presynaptic nerve terminals, axons and glia cell processes. <i>Journal of Cell Science</i> , 2005, 118, 1267-1277. | 1.2 | 113 |
| 124 | Roles of cell-adhesion molecules nectin 1 and nectin 3 in ciliary body development. <i>Development (Cambridge)</i> , 2005, 132, 1525-1537. | 1.2 | 103 |
| 125 | Separation Force Measurements Reveal Different Types of Modulation of E-cadherin-based Adhesion by Nectin-1 and -3. <i>Journal of Biological Chemistry</i> , 2005, 280, 4753-4760. | 1.6 | 56 |
| 126 | Regulation of E-cadherin Endocytosis by Nectin through Afadin, Rap1, and p120ctn. <i>Journal of Biological Chemistry</i> , 2005, 280, 24095-24103. | 1.6 | 153 |

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|-----|--|-----|-----------|
| 127 | Involvement of the Annexin II-S100A10 Complex in the Formation of E-cadherin-based Adherens Junctions in Madin-Darby Canine Kidney Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 6016-6027. | 1.6 | 68 |
| 128 | Vav2 as a Rac-GDP/GTP Exchange Factor Responsible for the Nectin-induced, c-Src- and Cdc42-mediated Activation of Rac. <i>Journal of Biological Chemistry</i> , 2005, 280, 4940-4947. | 1.6 | 81 |
| 129 | RA-RhoGAP, Rap-activated Rho GTPase-activating Protein Implicated in Neurite Outgrowth through Rho. <i>Journal of Biological Chemistry</i> , 2005, 280, 33026-33034. | 1.6 | 62 |
| 130 | Inhibition of cell movement and proliferation by cell-cell contact-induced interaction of Nectin-5 with nectin-3. <i>Journal of Cell Biology</i> , 2005, 171, 165-173. | 2.3 | 94 |
| 131 | Evidence That Tubulobulbar Complexes in the Seminiferous Epithelium Are Involved with Internalization of Adhesion Junctions1. <i>Biology of Reproduction</i> , 2004, 71, 548-559. | 1.2 | 82 |
| 132 | Enhancement of Serum- and Platelet-derived Growth Factor-induced Cell Proliferation by Nectin-5/Tage4/Poliovirus Receptor/CD155 through the Ras-Raf-MEK-ERK Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 36419-36425. | 1.6 | 91 |
| 133 | A Novel Role of Nectins in Inhibition of the E-Cadherin-induced Activation of Rac and Formation of Cell-Cell Adherens Junctions. <i>Molecular Biology of the Cell</i> , 2004, 15, 1077-1088. | 0.9 | 41 |
| 134 | Endocytosis of E-cadherin regulated by Rac and Cdc42 small G proteins through IQGAP1 and actin filaments. <i>Journal of Cell Biology</i> , 2004, 166, 237-248. | 2.3 | 178 |
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