Raphael Kopan

List of Publications by Year
in descending order

158 papers	26,080 citations	10389 72 h-index	8167 148 g-index
201 all docs	201 docs citations	201 times ranked	22744 citing authors

#	Article	IF	Citations
1	TSLP disease-associated genetic variants combined with airway TSLP expression influence asthma risk. Journal of Allergy and Clinical Immunology, 2022, 149, 79-88.	2.9	11
2	Endothelial Notch signaling directly regulates the small GTPase RND1 to facilitate Notch suppression of endothelial migration. Scientific Reports, 2022, 12, 1655.	3.3	11
3	Revisiting the role of Notch in nephron segmentation confirms a role for proximal fate selection during mouse and human nephrogenesis. Development (Cambridge), 2022, 149, .	2.5	9
4	The Rhesus Macaque Serves As a Model for Human Lateral Branch Nephrogenesis. Journal of the American Society of Nephrology: JASN, 2021, 32, 1097-1112.	6.1	12
5	Increasing mTORC1 Pathway Activity or Methionine Supplementation during Pregnancy Reverses the Negative Effect of Maternal Malnutrition on the Developing Kidney. Journal of the American Society of Nephrology: JASN, 2021, 32, 1898-1912.	6.1	11
6	Runx1 shapes the chromatin landscape via a cascade of direct and indirect targets. PLoS Genetics, 2021, 17, e1009574.	3.5	19
7	Enhancers with cooperative Notch binding sites are more resistant to regulation by the Hairless co-repressor. PLoS Genetics, 2021, 17, e1009039.	3.5	4
8	Progenitor translatome changes coordinated by Tsc1 increase perception of Wnt signals to end nephrogenesis. Nature Communications, 2021, 12, 6332.	12.8	10
9	Notch dimerization and gene dosage are important for normal heart development, intestinal stem cell maintenance, and splenic marginal zone B-cell homeostasis during mite infestation. PLoS Biology, 2020, 18, e3000850.	5.6	11
10	Notch signaling regulates<i>Akap12</i>expression and primary cilia length during renal tubule morphogenesis. FASEB Journal, 2020, 34, 9512-9530.	0.5	13
11	Jag1 Modulates an Oscillatory Dll1-Notch-Hes1 Signaling Module to Coordinate Growth and Fate of Pancreatic Progenitors. Developmental Cell, 2020, 52, 731-747.e8.	7.0	50
12	Enhancer architecture sensitizes cell specific responses to Notch gene dose via a bind and discard mechanism. ELife, 2020, 9, .	6.0	13
13	Title is missing!. , 2020, 18, e3000850.		0
14	Title is missing!. , 2020, 18, e3000850.		0
15	Title is missing!. , 2020, 18, e3000850.		0
16	Title is missing!. , 2020, 18, e3000850.		0
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18	Title is missing!. , 2020, 18, e3000850.		0

#	Article	IF	Citations
19	Title is missing!. , 2020, 18, e3000850.		0
20	Title is missing!. , 2020, 18, e3000850.		0
21	Glomerular endothelial cell maturation depends on ADAM10, a key regulator of Notch signaling. Angiogenesis, 2018, 21, 335-347.	7.2	31
22	Haploinsufficiency for the Six2 gene increases nephron progenitor proliferation promoting branching and nephron number. Kidney International, 2018, 93, 589-598.	5.2	27
23	Hamartin regulates cessation of mouse nephrogenesis independently of Mtor. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5998-6003.	7.1	39
24	The Canonical Notch Signaling Pathway: Structural and Biochemical Insights into Shape, Sugar, and Force. Developmental Cell, 2017, 41, 228-241.	7.0	291
25	Analysis of chromatin accessibility in human epidermis identifies putative barrier dysfunction-sensing enhancers. PLoS ONE, 2017, 12, e0184500.	2.5	8
26	Notch Signaling in Nephron Segmentation. , 2016, , 87-93.		2
27	The Notch Intracellular Domain Has an RBPj-Independent Role during Mouse Hair Follicular Development. Journal of Investigative Dermatology, 2016, 136, 1106-1115.	0.7	15
28	The Unaimed Arrow Never Misses. Current Topics in Developmental Biology, 2016, 116, 547-550.	2.2	0
29	RNF4-Dependent Oncogene Activation by Protein Stabilization. Cell Reports, 2016, 16, 3388-3400.	6.4	46
30	A novel non-canonical Notch signaling regulates expression of synaptic vesicle proteins in excitatory neurons. Scientific Reports, 2016, 6, 23969.	3.3	13
31	Making new kidneys. Current Opinion in Organ Transplantation, 2016, 21, 574-580.	1.6	7
32	Randomized trial of calcipotriol combined with 5-fluorouracil for skin cancer precursor immunotherapy. Journal of Clinical Investigation, 2016, 127, 106-116.	8.2	117
33	Notch signaling regulates gastric antral LGR 5 stem cell function. EMBO Journal, 2015, 34, 2522-2536.	7.8	74
34	Second-generation Notch1 activity-trap mouse line (N1IP::CreHI) provides a more comprehensive map of cells experiencing Notch1 activity. Development (Cambridge), 2015, 142, 1193-202.	2.5	19
35	The anatomical distribution of genetic associations. Nucleic Acids Research, 2015, 43, 10804-10820.	14.5	37
36	SpDamID: Marking DNA Bound by Protein Complexes Identifies Notch-Dimer Responsive Enhancers. Molecular Cell, 2015, 59, 685-697.	9.7	50

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37	The intracellular domains of Notch1 and 2 are functionally equivalent during development and carcinogenesis. Development (Cambridge), 2015, 142, 2452-63.	2.5	71
38	Intrinsic Age-Dependent Changes and Cell-Cell Contacts Regulate Nephron Progenitor Lifespan. Developmental Cell, 2015, 35, 49-62.	7.0	88
39	Notch signal strength controls cell fate in the haemogenic endothelium. Nature Communications, 2015, 6, 8510.	12.8	135
40	Circulating <scp>TSLP</scp> associates with decreased wheezing in nonâ€atopic preschool children: data from the <scp>URECA</scp> birth cohort. Clinical and Experimental Allergy, 2014, 44, 851-857.	2.9	13
41	Notch signaling is required for the formation of mesangial cells from a stromal mesenchyme precursor during kidney development. Development (Cambridge), 2014, 141, 346-354.	2.5	57
42	Alagille, Notch, and robustness: why duplicating systems does not ensure redundancy. Pediatric Nephrology, 2014, 29, 651-657.	1.7	21
43	Nephron Progenitor Cells. Current Topics in Developmental Biology, 2014, 107, 293-331.	2.2	74
44	Monitoring Notch Activation in Cultured Mammalian Cells: Transcriptional Reporter Assays. Methods in Molecular Biology, 2014, 1187, 143-154.	0.9	2
45	Monitoring Notch Activation in Cultured Mammalian Cells: Luciferase Complementation Imaging Assays. Methods in Molecular Biology, 2014, 1187, 155-168.	0.9	6
46	Notch2-dependent classical dendritic cells orchestrate intestinal immunity to attaching-and-effacing bacterial pathogens. Nature Immunology, 2013, 14, 937-948.	14.5	368
47	The Absence of a Microbiota Enhances TSLP Expression in Mice with Defective Skin Barrier but Does Not Affect the Severity of their Allergic Inflammation. Journal of Investigative Dermatology, 2013, 133, 2714-2721.	0.7	29
48	Structural Analysis Uncovers Lipid-Binding Properties of Notch Ligands. Cell Reports, 2013, 5, 861-867.	6.4	45
49	Selective Blockade of Transport via SERCA Inhibition: The Answer for Oncogenic Forms of Notch?. Cancer Cell, 2013, 23, 267-269.	16.8	24
50	The Extracellular Domain of Notch2 Increases Its Cell-Surface Abundance and Ligand Responsiveness during Kidney Development. Developmental Cell, 2013, 25, 585-598.	7.0	89
51	Epidermal ADAM17 Is Dispensable for Notch Activation. Journal of Investigative Dermatology, 2013, 133, 2286-2288.	0.7	24
52	In Vivo Visualization of Notch1 Proteolysis Reveals the Heterogeneity of Notch1 Signaling Activity in the Mouse Cochlea. PLoS ONE, 2013, 8, e64903.	2.5	12
53	Chronic itch development in sensory neurons requires BRAF signaling pathways. Journal of Clinical Investigation, 2013, 123, 4769-4780.	8.2	97
54	Physiological Notch Signaling Maintains Bone Homeostasis via RBPjk and Hey Upstream of NFATc1. PLoS Genetics, 2012, 8, e1002577.	3.5	76

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55	Notch Signaling. Cold Spring Harbor Perspectives in Biology, 2012, 4, a011213-a011213.	5.5	220
56	The Black Box Illuminated: Signals and Signaling. Journal of Investigative Dermatology, 2012, 132, 811-819.	0.7	35
57	AHR drives the development of gut ILC22 cells and postnatal lymphoid tissues via pathways dependent on and independent of Notch. Nature Immunology, 2012, 13, 144-151.	14.5	646
58	Conditional Deletion of Notch1 and Notch2 Genes in Excitatory Neurons of Postnatal Forebrain Does Not Cause Neurodegeneration or Reduction of Notch mRNAs and Proteins. Journal of Biological Chemistry, 2012, 287, 20356-20368.	3.4	28
59	Different assemblies of Notch receptors coordinate the distribution of the major bronchial Clara, ciliated and neuroendocrine cells. Development (Cambridge), 2012, 139, 4365-4373.	2.5	179
60	Elevated Epidermal Thymic Stromal Lymphopoietin Levels Establish an Antitumor Environment in the Skin. Cancer Cell, 2012, 22, 494-505.	16.8	107
61	Reply to Gaiano et al.: Expression of Notch Proteins in Pyramidal Neurons in Vivo. Journal of Biological Chemistry, 2012, 287, 24596.	3.4	0
62	FGF9 and FGF20 Maintain the Stemness of Nephron Progenitors in Mice and Man. Developmental Cell, 2012, 22, 1191-1207.	7.0	268
63	Loss of RBPj in Postnatal Excitatory Neurons Does Not Cause Neurodegeneration or Memory Impairments in Aged Mice. PLoS ONE, 2012, 7, e48180.	2.5	22
64	Notch: Architect, Landscaper, and Guardian of the Intestine. Gastroenterology, 2011, 141, 448-459.	1.3	81
65	Dll1- and Dll4-Mediated Notch Signaling Are Required for Homeostasis of Intestinal Stem Cells. Gastroenterology, 2011, 140, 1230-1240.e7.	1.3	344
66	Chromatin-based Mechanisms of Renal Epithelial Differentiation. Journal of the American Society of Nephrology: JASN, 2011, 22, 1208-1212.	6.1	8
67	Real-Time Imaging of Notch Activation with a Luciferase Complementation-Based Reporter. Science Signaling, 2011, 4, rs7.	3.6	73
68	Notch pathway activation can replace the requirement for Wnt4 and Wnt9b in mesenchymal-to-epithelial transition of nephron stem cells. Development (Cambridge), 2011, 138, 4245-4254.	2.5	81
69	Notch1 loss of heterozygosity causes vascular tumors and lethal hemorrhage in mice. Journal of Clinical Investigation, 2011, 121, 800-808.	8.2	104
70	Structural and mechanistic insights into cooperative assembly of dimeric Notch transcription complexes. Nature Structural and Molecular Biology, 2010, 17, 1312-1317.	8.2	110
71	Simple Copy Number Determination with Reference Query Pyrosequencing (RQPS). Cold Spring Harbor Protocols, 2010, 2010, pdb.prot5491.	0.3	5
72	Thermodynamic Analysis of the CSLÂ·Notch Interaction. Journal of Biological Chemistry, 2010, 285, 6681-6692.	3.4	40

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73	Metalloprotease ADAM10 is required for Notch1 site 2 cleavage.. Journal of Biological Chemistry, 2010, 285, 11754.	3.4	0
74	Reduced Notch Signaling Leads to Renal Cysts and Papillary Microadenomas. Journal of the American Society of Nephrology: JASN, 2010, 21, 819-832.	6.1	42
75	Canonical Notch signaling in the developing lung is required for determination of arterial smooth muscle cells and selection of Clara versus ciliated cell fate. Journal of Cell Science, 2010, 123, 213-224.	2.0	207
76	Loss of leucine-rich repeat kinase 2 causes impairment of protein degradation pathways, accumulation of Î±-synuclein, and apoptotic cell death in aged mice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9879-9884.	7.1	465
77	Î³-Secretase Composed of PS1/Pen2/Aph1a Can Cleave Notch and Amyloid Precursor Protein in the Absence of Nicastrin. Journal of Neuroscience, 2010, 30, 1648-1656.	3.6	84
78	Patterning a Complex Organ: Branching Morphogenesis and Nephron Segmentation in Kidney Development. Developmental Cell, 2010, 18, 698-712.	7.0	596
79	The contribution of Notch1 to nephron segmentation in the developing kidney is revealed in a sensitized Notch2 background and can be augmented by reducing Mint dosage. Developmental Biology, 2010, 337, 386-395.	2.0	75
80	Atopic Dermatitis-Like Disease and Associated Lethal Myeloproliferative Disorder Arise from Loss of Notch Signaling in the Murine Skin. PLoS ONE, 2010, 5, e9258.	2.5	148
81	Canonical Notch signaling in the developing lung is required for determination of arterial smooth muscle cells and selection of Clara versus ciliated cell fate. Development (Cambridge), 2010, 137, e1-e1.	2.5	0
82	Presenilins, Notch dose control the fate of pancreatic endocrine progenitors during a narrow developmental window. Genes and Development, 2009, 23, 2088-2101.	5.9	52
83	<i>Rbpj</i>Cell Autonomous Regulation of Retinal Ganglion Cell and Cone Photoreceptor Fates in the Mouse Retina. Journal of Neuroscience, 2009, 29, 12865-12877.	3.6	95
84	Metalloprotease ADAM10 Is Required for Notch1 Site 2 Cleavage. Journal of Biological Chemistry, 2009, 284, 31018-31027.	3.4	231
85	Rapid identification of homologous recombinants and determination of gene copy number with reference/query pyrosequencing (RQPS). Genome Research, 2009, 19, 2081-2089.	5.5	18
86	Skin-Derived TSLP Triggers Progression from Epidermal-Barrier Defects to Asthma. PLoS Biology, 2009, 7, e1000067.	5.6	202
87	Notch signaling in bulge stem cells is not required for selection of hair follicle fate. Development (Cambridge), 2009, 136, 891-896.	2.5	76
88	Epidermal Notch1 Loss Promotes Skin Tumorigenesis by Impacting the Stromal Microenvironment. Cancer Cell, 2009, 16, 55-66.	16.8	245
89	Desmoglein 4 is regulated by transcription factors implicated in hair shaft differentiation. Differentiation, 2009, 78, 292-300.	1.9	31
90	The Canonical Notch Signaling Pathway: Unfolding the Activation Mechanism. Cell, 2009, 137, 216-233.	28.9	3,022

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91	Presenilin: RIP and beyond. Seminars in Cell and Developmental Biology, 2009, 20, 201-210.	5.0	74
92	rtTA toxicity limits the usefulness of the SP-C-rtTA transgenic mouse. Developmental Biology, 2009, 325, 171-178.	2.0	55
93	Genetic interplays between Msx2 and Foxn1 are required for Notch1 expression and hair shaft differentiation. Developmental Biology, 2009, 326, 420-430.	2.0	63
94	Notch signaling maintains bone marrow mesenchymal progenitors by suppressing osteoblast differentiation. Nature Medicine, 2008, 14, 306-314.	30.7	532
95	Murine Vibrissae Cultured in Serum-Free Medium Reinitiate Anagen. Journal of Investigative Dermatology, 2008, 128, 482-485.	0.7	10
96	Notch-Deficient Skin Induces a Lethal Systemic B-Lymphoproliferative Disorder by Secreting TSLP, a Sentinel for Epidermal Integrity. PLoS Biology, 2008, 6, e123.	5.6	161
97	NOTCH1 Regulates Osteoclastogenesis Directly in Osteoclast Precursors and Indirectly via Osteoblast Lineage Cells. Journal of Biological Chemistry, 2008, 283, 6509-6518.	3.4	202
98	Notch and Presenilin Regulate Cellular Expansion and Cytokine Secretion but Cannot Instruct Th1/Th2 Fate Acquisition. PLoS ONE, 2008, 3, e2823.	2.5	81
99	Moonlighting activity of presenilin in plants is independent of Î³-secretase and evolutionarily conserved. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13337-13342.	7.1	53
100	Bi-compartmental communication contributes to the opposite proliferative behavior of Notch1-deficient hair follicle and epidermal keratinocytes. Development (Cambridge), 2007, 134, 2795-2806.	2.5	64
101	Notch2, but not Notch1, is required for proximal fate acquisition in the mammalian nephron. Development (Cambridge), 2007, 134, 4506-4506.	2.5	1
102	Mapping the consequence of Notch1 proteolysis in vivo with NIP-CRE. Development (Cambridge), 2007, 134, 535-544.	2.5	128
103	Notch2, but not Notch1, is required for proximal fate acquisition in the mammalian nephron. Development (Cambridge), 2007, 134, 801-811.	2.5	310
104	Molecular Insights into Segmentation along the Proximalâ€"Distal Axis of the Nephron. Journal of the American Society of Nephrology: JASN, 2007, 18, 2014-2020.	6.1	73
105	SnapShot: Notch Signaling Pathway. Cell, 2007, 128, 1246.e1-1246.e2.	28.9	126
106	Quantitative Dissection of the Notch:CSL Interaction: Insights into the Notch-mediated Transcriptional Switch. Journal of Molecular Biology, 2007, 365, 577-589.	4.2	89
107	Î³-Secretase Mediated Proteolysis: At the Cutting Edge of Notch Signaling. , 2007, , 111-140.		0
108	Notch1 Signaling Influences V2 Interneuron and Motor Neuron Development in the Spinal Cord. Developmental Neuroscience, 2006, 28, 102-117.	2.0	60

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109	A Faster Migrating Variant Masquerades as NICD When Performing in Vitro Î³-Secretase Assays with Bacterially Expressed Notch Substratesâ€. Biochemistry, 2006, 45, 5351-5358.	2.5	2
110	The Notch Transcription Activation Complex Makes Its Move. Cell, 2006, 124, 883-885.	28.9	43
111	Three-dimensional structure of the Î³-secretase complex. Biochemical and Biophysical Research Communications, 2006, 343, 525-534.	2.1	92
112	Analysis of transmembrane domain mutants is consistent with sequential cleavage of Notch by gamma-secretase. Journal of Neurochemistry, 2006, 96, 228-235.	3.9	36
113	Target Selectivity of Vertebrate Notch Proteins. Journal of Biological Chemistry, 2006, 281, 5106-5119.	3.4	197
114	A garden of Notch-ly delights. Development (Cambridge), 2006, 133, 3277-3282.	2.5	35
115	The crystal structure of a partial mouse Notch-1 ankyrin domain: Repeats 4 through 7 preserve an ankyrin fold. Protein Science, 2005, 14, 1274-1281.	7.6	27
116	The role of Notch signaling in specification of podocyte and proximal tubules within the developing mouse kidney. Kidney International, 2005, 68, 1951-1952.	5.2	95
117	Analysis of Notch Function in Presomitic Mesoderm Suggests a Î³-Secretase-Independent Role for Presenilins in Somite Differentiation. Developmental Cell, 2005, 8, 677-688.	7.0	132
118	Notch1 and 2 cooperate in limb ectoderm to receive an early Jagged2 signal regulating interdigital apoptosis. Developmental Biology, 2005, 286, 472-482.	2.0	55
119	The Notch ligands DLL1 and JAG2 act synergistically to regulate hair cell development in the mammalian inner ear. Development (Cambridge), 2005, 132, 4353-4362.	2.5	246
120	Ectodomain Shedding and Intramembrane Cleavage of Mammalian Notch Proteins Are Not Regulated through Oligomerization. Journal of Biological Chemistry, 2004, 279, 50864-50873.	3.4	67
121	Potential role of presenilin-regulated signaling pathways in sporadic neurodegeneration. Nature Medicine, 2004, 10, S26-S33.	30.7	145
122	Î³-Secretase: proteasome of the membrane?. Nature Reviews Molecular Cell Biology, 2004, 5, 499-504.	37.0	528
123	Intramembrane Proteolysis: Theme and Variations. Science, 2004, 305, 1119-1123.	12.6	330
124	Notch pathway is dispensable for adipocyte specification. Genesis, 2004, 40, 40-44.	1.6	48
125	Î³-Secretase Functions through Notch Signaling to Maintain Skin Appendages but Is Not Required for Their Patterning or Initial Morphogenesis. Developmental Cell, 2004, 7, 731-743.	7.0	282
126	Notch activation induces apoptosis in neural progenitor cells through a p53-dependent pathway. Developmental Biology, 2004, 269, 81-94.	2.0	260

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127	Anchoring Notch Genetics and Biochemistry. Molecular Cell, 2004, 13, 619-626.	9.7	101
128	A requirement for Notch1 distinguishes 2 phases of definitive hematopoiesis during development. Blood, 2004, 104, 3097-3105.	1.4	212
129	Long-range, nonautonomous effects of activated Notch1 on tissue homeostasis in the nailâ˜†. Developmental Biology, 2003, 263, 343-359.	2.0	41
130	F3/Contactin Acts as a Functional Ligand for Notch during Oligodendrocyte Maturation. Cell, 2003, 115, 163-175.	28.9	332
131	A presenilin dimer at the core of the Î³-secretase enzyme: Insights from parallel analysis of Notch 1 and APP proteolysis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13075-13080.	7.1	203
132	Î³-Secretase activity is dispensable for mesenchyme-to-epithelium transition but required for podocyte and proximal tubule formation in developing mouse kidney. Development (Cambridge), 2003, 130, 5031-5042.	2.5	182
133	N<scp>OTCH AND</scp>P<scp>RESENILIN</scp>: Regulated Intramembrane Proteolysis Links Development and Degeneration. Annual Review of Neuroscience, 2003, 26, 565-597.	10.7	612
134	Genetic Mosaic Analysis Indicates That the Bulb Region of Coat Hair Follicles Contains a Resident Population of Several Active Multipotent Epithelial Lineage Progenitors. Developmental Biology, 2002, 242, 44-57.	2.0	42
135	Aph-2/Nicastrin. Neuron, 2002, 33, 321-324.	8.1	85
136	Differentiation and gene regulation: Toward a holistic understanding of animal development: intercellular communication and transcriptional regulation are two sides of the same coin. Current Opinion in Genetics and Development, 2002, 12, 499-502.	3.3	2
137	Notch: a membrane-bound transcription factor. Journal of Cell Science, 2002, 115, 1095-1097.	2.0	181
138	Notch: a membrane-bound transcription factor. Journal of Cell Science, 2002, 115, 1095-7.	2.0	149
139	Regulated Intramembrane Proteolysis Takes Another Twist. Developmental Cell, 2001, 1, 590-592.	7.0	14
140	The First Proline of PALP Motif at the C Terminus of Presenilins Is Obligatory for Stabilization, Complex Formation, and Î³-Secretase Activities of Presenilins. Journal of Biological Chemistry, 2001, 276, 33273-33281.	3.4	81
141	Murine Notch Homologs (N1â€"4) Undergo Presenilin-dependent Proteolysis. Journal of Biological Chemistry, 2001, 276, 40268-40273.	3.4	160
142	Î³-Secretase inhibitors repress thymocyte development. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 7487-7491.	7.1	199
143	Embryonic lethality in mice homozygous for a processing-deficient allele of Notch1. Nature, 2000, 405, 966-970.	27.8	315
144	A common enzyme connects Notch signaling and Alzheimer's disease. Genes and Development, 2000, 14, 2799-2806.	5.9	202

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145	Notch Signaling: From the Outside In. Developmental Biology, 2000, 228, 151-165.	2.0	885
146	A Ligand-Induced Extracellular Cleavage Regulates Î³-Secretase-like Proteolytic Activation of Notch1. Molecular Cell, 2000, 5, 197-206.	9.7	794
147	A Loss of Function Mutation of Presenilin-2 Interferes with Amyloid Î²-Peptide Production and Notch Signaling. Journal of Biological Chemistry, 1999, 274, 28669-28673.	3.4	279
148	Cell Surface Presenilin-1 Participates in the Î³-Secretase-like Proteolysis of Notch. Journal of Biological Chemistry, 1999, 274, 36801-36807.	3.4	246
149	Evidence for a physical interaction between presenilin and Notch. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 3263-3268.	7.1	170
150	A presenilin-1-dependent Î³-secretase-like protease mediates release of Notch intracellular domain. Nature, 1999, 398, 518-522.	27.8	2,002
151	Notch-1 signalling requires ligand-induced proteolytic release of intracellular domain. Nature, 1998, 393, 382-386.	27.8	1,534
152	Notch on the cutting edge. Trends in Genetics, 1997, 13, 465-467.	6.7	37
153	The Notch pathway: democracy and aristocracy in the selection of cell fate. Current Opinion in Neurobiology, 1996, 6, 594-601.	4.2	89
154	Signal transduction by activated mNotch: importance of proteolytic processing and its regulation by the extracellular domain.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 1683-1688.	7.1	467
155	Inhibition of granulocytic differentiation by mNotch1. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13014-13019.	7.1	182
156	Developmental Signalling: Vertebrate ligands for Notch. Current Biology, 1995, 5, 966-969.	3.9	102
157	Signalling downstream of activated mammalian Notch. Nature, 1995, 377, 355-358.	27.8	1,329
158	Synthesis and possible role of proteoglycans during Volvox development. Cell Differentiation, 1985, 16, 119-132.	0.4	2