Randall T Moon

List of Publications by Year
in descending order

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		1233	1713
288	48,381	110	213
papers	citations	h-index	g-index

398	398	398	43287
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	WNT and Î²-catenin signalling: diseases and therapies. Nature Reviews Genetics, 2004, 5, 691-701.	7.7	1,675
2	WNT signalling pathways as therapeutic targets in cancer. Nature Reviews Cancer, 2013, 13, 11-26.	12.8	1,665
3	A Second Canon. Developmental Cell, 2003, 5, 367-377.	3.1	1,294
4	The axis-inducing activity, stability, and subcellular distribution of beta-catenin is regulated in Xenopus embryos by glycogen synthase kinase 3.. Genes and Development, 1996, 10, 1443-1454.	2.7	1,051
5	Proximal events in Wnt signal transduction. Nature Reviews Molecular Cell Biology, 2009, 10, 468-477.	16.1	982
6	The Promise and Perils of Wnt Signaling Through beta -Catenin. Science, 2002, 296, 1644-1646.	6.0	937
7	Zebrafish Prickle, a Modulator of Noncanonical Wnt/Fz Signaling, Regulates Gastrulation Movements. Current Biology, 2003, 13, 680-685.	1.8	841
8	The Wnt/Ca2+ pathway. Trends in Genetics, 2000, 16, 279-283.	2.9	820
9	A small molecule inhibitor of Â-catenin/CREB-binding protein transcription. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12682-12687.	3.3	815
10	Disrupted in Schizophrenia 1 Regulates Neuronal Progenitor Proliferation via Modulation of GSK3Î²/Î²-Catenin Signaling. Cell, 2009, 136, 1017-1031.	13.5	703
11	Mechanism and function of signal transduction by the Wnt/Î²-catenin and Wnt/Ca2+ pathways. Oncogene, 1999, 18, 7860-7872.	2.6	660
12	Wnt and calcium signaling: Î²-Catenin-independent pathways. Cell Calcium, 2005, 38, 439-446.	1.1	647
13	Disruptive CHD8 Mutations Define a Subtype of Autism Early in Development. Cell, 2014, 158, 263-276.	13.5	637
14	Genetic Interaction of PGE2 and Wnt Signaling Regulates Developmental Specification of Stem Cells and Regeneration. Cell, 2009, 136, 1136-1147.	13.5	628
15	Interaction of Wnt and a Frizzled homologue triggers G-protein-linked phosphatidylinositol signalling. Nature, 1997, 390, 410-413.	13.7	622
16	Signal transduction through beta-catenin and specification of cell fate during embryogenesis.. Genes and Development, 1996, 10, 2527-2539.	2.7	613
17	Molecular architecture and assembly of the DDB1â€“CUL4A ubiquitin ligase machinery. Nature, 2006, 443, 590-593.	13.7	580
18	Biphasic role for Wnt/beta-catenin signaling in cardiac specification in zebrafish and embryonic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9685-9690.	3.3	579

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19	Differential recruitment of Dishevelled provides signaling specificity in the planar cell polarity and Wingless signaling pathways. Genes and Development, 1998, 12, 2610-2622.	2.7	572
20	Patterning activities of vertebrate hedgehog proteins in the developing eye and brain. Current Biology, 1995, 5, 944-955.	1.8	548
21	The TAK1-NLK Mitogen-Activated Protein Kinase Cascade Functions in the Wnt-5a/Ca 2+ Pathway To Antagonize Wnt/Î²-Catenin Signaling. Molecular and Cellular Biology, 2003, 23, 131-139.	1.1	503
22	A Î²-catenin/XTcf-3 complex binds to thesiamois promoter to regulate dorsal axis specification inâ€‰Xenopus. Genes and Development, 1997, 11, 2359-2370.	2.7	494
23	Injected Wnt RNA induces a complete body axis in Xenopus embryos. Cell, 1991, 67, 741-752.	13.5	487
24	Ectopic expression of the proto-oncogene int-1 in Xenopus embryos leads to duplication of the embryonic axis. Cell, 1989, 58, 1075-1084.	13.5	482
25	Distinct Wnt signaling pathways have opposing roles in appendage regeneration. Development (Cambridge), 2007, 134, 479-489.	1.2	480
26	Control of neural crest cell fate by the Wnt signalling pathway. Nature, 1998, 396, 370-373.	13.7	452
27	Protein kinase C is differentially stimulated by Wnt and Frizzled homologs in aG-protein-dependent manner. Current Biology, 1999, 9, 695-S1.	1.8	445
28	The Transcriptional Coactivator Cbp Interacts with Î²-Catenin to Activate Gene Expression. Journal of Cell Biology, 2000, 149, 249-254.	2.3	436
29	A frizzled homolog functions in a vertebrate Wnt signaling pathway. Current Biology, 1996, 6, 1302-1306.	1.8	430
30	Interactions between Xwnt-8 and Spemann organizer signaling pathways generate dorsoventral pattern in the embryonic mesoderm of Xenopus.. Genes and Development, 1993, 7, 13-28.	2.7	423
31	Ca2+/Calmodulin-dependent Protein Kinase II Is Stimulated by Wnt and Frizzled Homologs and Promotes Ventral Cell Fates in Xenopus. Journal of Biological Chemistry, 2000, 275, 12701-12711.	1.6	423
32	Actin-Dependent Propulsion of Endosomes and Lysosomes by Recruitment of N-Waspâœª. Journal of Cell Biology, 2000, 148, 519-530.	2.3	410
33	Mutant frizzled-4 disrupts retinal angiogenesis in familial exudative vitreoretinopathy. Nature Genetics, 2002, 32, 326-330.	9.4	409
34	Regulation of -Catenin Signaling by the B56 Subunit of Protein Phosphatase 2A. Science, 1999, 283, 2089-2091.	6.0	407
35	Establishment of the Dorso-ventral Axis in Xenopus Embryos Is Presaged by Early Asymmetries in Î²-Catenin That Are Modulated by the Wnt Signaling Pathway. Journal of Cell Biology, 1997, 136, 1123-1136.	2.3	380
36	Wilms Tumor Suppressor WTX Negatively Regulates WNT/Â-Catenin Signaling. Science, 2007, 316, 1043-1046.	6.0	379

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37	Modulation of Embryonic Intracellular Ca2+Signaling byWnt-5A. Developmental Biology, 1997, 182, 114-120.	0.9	363
38	The metabolome regulates the epigenetic landscape during naive-to-primed human embryonic stem cellÂtransition. Nature Cell Biology, 2015, 17, 1523-1535.	4.6	360
39	Activities of the Wnt-1 class of secreted signaling factors are antagonized by the Wnt-5A class and by a dominant negative cadherin in early Xenopus development.. Journal of Cell Biology, 1996, 133, 1123-1137.	2.3	358
40	The KLHL12â€“Cullin-3 ubiquitin ligase negatively regulates the Wntâ€“Î²-catenin pathway by targeting Dishevelled for degradation. Nature Cell Biology, 2006, 8, 348-357.	4.6	346
41	The planar cell-polarity gene stbm regulates cell behaviour and cell fate in vertebrate embryos. Nature Cell Biology, 2002, 4, 20-25.	4.6	344
42	High-Throughput Screening Enhances Kidney Organoid Differentiation from Human Pluripotent Stem Cells and Enables Automated Multidimensional Phenotyping. Cell Stem Cell, 2018, 22, 929-940.e4.	5.2	328
43	A Wnt Survival Guide: From Flies to Human Disease. Journal of Investigative Dermatology, 2009, 129, 1614-1627.	0.3	327
44	Functional Genomic Analysis of the Wnt-Wingless Signaling Pathway. Science, 2005, 308, 826-833.	6.0	325
45	Porous Implants Modulate Healing and Induce Shifts in Local Macrophage Polarization in the Foreign Body Reaction. Annals of Biomedical Engineering, 2014, 42, 1508-1516.	1.3	325
46	Disruption ofacvrl1increases endothelial cell number in zebrafish cranial vessels. Development (Cambridge), 2002, 129, 3009-3019.	1.2	325
47	Macrophages modulate adult zebrafish tail fin regeneration. Development (Cambridge), 2014, 141, 2581-2591.	1.2	320
48	Expression of a dominant-negative Wnt blocks induction of MyoD in Xenopus embryos.. Genes and Development, 1996, 10, 2805-2817.	2.7	319
49	Zebrafish wnt8 Encodes Two Wnt8 Proteins on a Bicistronic Transcript and Is Required for Mesoderm and Neurectoderm Patterning. Developmental Cell, 2001, 1, 103-114.	3.1	313
50	Activated Wnt/ÃŸ-catenin signaling in melanoma is associated with decreased proliferation in patient tumors and a murine melanoma model. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1193-1198.	3.3	313
51	Wnt/Î²-catenin signaling promotes differentiation, not self-renewal, of human embryonic stem cells and is repressed by Oct4. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4485-4490.	3.3	313
52	The Wnt5A/Protein Kinase C Pathway Mediates Motility in Melanoma Cells via the Inhibition of Metastasis Suppressors and Initiation of an Epithelial to Mesenchymal Transition. Journal of Biological Chemistry, 2007, 282, 17259-17271.	1.6	310
53	A Temporal Chromatin Signature in Human Embryonic Stem Cells Identifies Regulators of Cardiac Development. Cell, 2012, 151, 221-232.	13.5	306
54	The Renewal and Differentiation of Isl1+ Cardiovascular Progenitors Are Controlled by a Wnt/Î²-Catenin Pathway. Cell Stem Cell, 2007, 1, 165-179.	5.2	300

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55	From cortical rotation to organizer gene expression: toward a molecular explanation of axis specification in Xenopus. BioEssays, 1998, 20, 536-546.	1.2	292
56	Identification of Distinct Classes and Functional Domains of Wnts through Expression of Wild-Type and Chimeric Proteins in Xenopus Embryos. Molecular and Cellular Biology, 1995, 15, 2625-2634.	1.1	288
57	Dishevelled activates Ca2+ flux, PKC, and CamKII in vertebrate embryos. Journal of Cell Biology, 2003, 161, 769-777.	2.3	288
58	A Transgenic Lef1/Î²-Catenin-Dependent Reporter Is Expressed in Spatially Restricted Domains throughout Zebrafish Development. Developmental Biology, 2002, 241, 229-237.	0.9	284
59	Advances in signaling in vertebrate regeneration as a prelude to regenerative medicine. Genes and Development, 2007, 21, 1292-1315.	2.7	270
60	A new nomenclature for int-1 and related genes: The Wnt gene family. Cell, 1991, 64, 231.	13.5	268
61	Chibby, a nuclear Î²-catenin-associated antagonist of the Wnt/Wingless pathway. Nature, 2003, 422, 905-909.	13.7	260
62	Common genetic variation within the Low-Density Lipoprotein Receptor-Related Protein 6 and late-onset Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9434-9439.	3.3	252
63	G Protein Signaling from Activated Rat Frizzled-1 to the beta -Catenin-Lef-Tcf Pathway. Science, 2001, 292, 1718-1722.	6.0	248
64	Reiterated Wnt signaling during zebrafish neural crest development. Development (Cambridge), 2004, 131, 1299-1308.	1.2	241
65	Dapper, a Dishevelled-Associated Antagonist of Î²-Catenin and JNK Signaling, Is Required for Notochord Formation. Developmental Cell, 2002, 2, 449-461.	3.1	238
66	Establishment of the Dorsalâ€“Ventral Axis inXenopus Embryos Coincides with the Dorsal Enrichment of Dishevelled That Is Dependent on Cortical Rotation. Journal of Cell Biology, 1999, 146, 427-438.	2.3	236
67	Glycogen synthase kinase-3 is an in vivo regulator of hematopoietic stem cell repopulation. Nature Medicine, 2006, 12, 89-98.	15.2	235
68	Microenvironmental protection of CML stem and progenitor cells from tyrosine kinase inhibitors through N-cadherin and Wntâ€“Î²-catenin signaling. Blood, 2013, 121, 1824-1838.	0.6	234
69	Wnt5a Control of Cell Polarity and Directional Movement by Polarized Redistribution of Adhesion Receptors. Science, 2008, 320, 365-369.	6.0	229
70	The Integrin-linked Kinase Regulates the Cyclin D1 Gene through Glycogen Synthase Kinase 3Î² and cAMP-responsive Element-binding Protein-dependent Pathways. Journal of Biological Chemistry, 2000, 275, 32649-32657.	1.6	225
71	Differential requirement for the dual functions of Î²-catenin in embryonic stem cell self-renewal and germ layer formation. Nature Cell Biology, 2011, 13, 753-761.	4.6	224
72	Direct regulation of nacre, a zebrafish MITF homolog required for pigment cell formation, by the Wnt pathway. Genes and Development, 2000, 14, 158-162.	2.7	221

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73	Specification of the Anteroposterior Neural Axis through Synergistic Interaction of the Wnt Signaling Cascade withnogginandfollistatin. Developmental Biology, 1995, 172, 337-342.	0.9	210
74	Wnt-5A augments repopulating capacity and primitive hematopoietic development of human blood stem cells in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3422-3427.	3.3	208
75	Antagonistic regulation of convergent extension movements in Xenopus by Wnt/Î²-catenin and Wnt/Ca2+ signaling. Mechanisms of Development, 2001, 106, 61-76.	1.7	206
76	Kaiso/p120-Catenin and TCF/Î²-Catenin Complexes Coordinately Regulate Canonical Wnt Gene Targets. Developmental Cell, 2005, 8, 843-854.	3.1	206
77	Wnt and FGF pathways cooperatively pattern anteroposterior neural ectoderm in Xenopus. Mechanisms of Development, 1997, 69, 105-114.	1.7	202
78	Positive and Negative Regulation of Muscle Cell Identity by Members of the hedgehog and TGF-Î² Gene Families. Journal of Cell Biology, 1997, 139, 145-156.	2.3	200
79	The ups and downs of Wnt signaling in prevalent neurological disorders. Oncogene, 2006, 25, 7545-7553.	2.6	196
80	Hypoxia-Inducible Factors Have Distinct and Stage-Specific Roles during Reprogramming of Human Cells to Pluripotency. Cell Stem Cell, 2014, 14, 592-605.	5.2	193
81	The Sp1-Related Transcription Factors sp5 and sp5-like Act Downstream of Wnt/Î²-Catenin Signaling in Mesoderm and Neuroectoderm Patterning. Current Biology, 2005, 15, 489-500.	1.8	189
82	Overlapping Expression of Xwnt-3A and Xwnt-1 in Neural Tissue of Xenopus laevis Embryos. Developmental Biology, 1993, 155, 46-57.	0.9	187
83	Analysis of the Signaling Activities of Localization Mutants of Î²-Catenin during Axis Specification in Xenopus. Journal of Cell Biology, 1997, 139, 229-243.	2.3	175
84	APC mutant zebrafish uncover a changing temporal requirement for wnt signaling in liver development. Developmental Biology, 2008, 320, 161-174.	0.9	173
85	BMP-2/-4 and Wnt-8 cooperatively pattern the Xenopus mesoderm. Mechanisms of Development, 1998, 71, 119-129.	1.7	172
86	LRP-6 is a coreceptor for multiple fibrogenic signaling pathways in pericytes and myofibroblasts that are inhibited by DKK-1. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1440-1445.	3.3	167
87	Crystal structures of the extracellular domain of LRP6 and its complex with DKK1. Nature Structural and Molecular Biology, 2011, 18, 1204-1210.	3.6	166
88	A disease-associated PTPN22 variant promotes systemic autoimmunity in murine models. Journal of Clinical Investigation, 2013, 123, 2024-2036.	3.9	162
89	Wnt signaling promotes hematoendothelial cell development from human embryonic stem cells. Blood, 2008, 111, 122-131.	0.6	161
90	Signaling of Rat Frizzled-2 Through Phosphodiesterase and Cyclic GMP. Science, 2002, 298, 2006-2010.	6.0	160

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91	Crystal Structure of a Full-Length Î²-Catenin. Structure, 2008, 16, 478-487.	1.6	158
92	Microtubule-mediated transport of organelles and localization of Â-catenin to the future dorsal side of Xenopus eggs. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 1224-1229.	3.3	153
93	Transforming Growth Factor Î² Receptor Type II Inactivation Induces the Malignant Transformation of Intestinal Neoplasms Initiated by Apc Mutation. Cancer Research, 2006, 66, 9837-9844.	0.4	153
94	Mutant Frizzled 4 associated with vitreoretinopathy traps wild-type Frizzled in the endoplasmic reticulum by oligomerization. Nature Cell Biology, 2004, 6, 52-58.	4.6	152
95	Wnt/Î²-Catenin Signaling and AXIN1 Regulate Apoptosis Triggered by Inhibition of the Mutant Kinase BRAF ^{V600E} in Human Melanoma. Science Signaling, 2012, 5, ra3.	1.6	150
96	Wnt/Â-Catenin Pathway. Science Signaling, 2005, 2005, cm1-cm1.	1.6	147
97	WNT5A enhances resistance of melanoma cells to targeted BRAF inhibitors. Journal of Clinical Investigation, 2014, 124, 2877-2890.	3.9	144
98	Wnt-Î²-catenin signaling initiates taste papilla development. Nature Genetics, 2007, 39, 106-112.	9.4	139
99	Twotcf3genes cooperate to pattern the zebrafish brain. Development (Cambridge), 2003, 130, 1937-1947.	1.2	137
100	New Regulators of Wnt/Î²-Catenin Signaling Revealed by Integrative Molecular Screening. Science Signaling, 2008, 1, ra12.	1.6	135
101	Wnt5a and Wnt11 are essential for second heart field progenitor development. Development (Cambridge), 2012, 139, 1931-1940.	1.2	135
102	Induction of a secondary embryonic axis in zebrafish occurs following the overexpression of Î²-catenin. Mechanisms of Development, 1995, 53, 261-273.	1.7	134
103	Wnt/Fz signaling and the cytoskeleton: potential roles in tumorigenesis. Cell Research, 2009, 19, 532-545.	5.7	134
104	Effect of wnt-1 and related proteins on gap junctional communication in Xenopus embryos. Science, 1991, 252, 1173-1176.	6.0	128
105	Wnt signaling induces epithelial differentiation during cutaneous wound healing. BMC Cell Biology, 2006, 7, 4.	3.0	128
106	Activation of a Frizzled-2/beta -adrenergic receptor chimera promotes Wnt signaling and differentiation of mouse F9 teratocarcinoma cells via Galpha o and Galpha t. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 14383-14388.	3.3	127
107	Wnt4 affects morphogenesis when misexpressed in the zebrafish embryo. Mechanisms of Development, 1995, 52, 153-164.	1.7	124
108	Structurally Related Receptors and Antagonists Compete for Secreted Wnt Ligands. Cell, 1997, 88, 725-728.	13.5	122

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109	The fragilis interferon-inducible gene family of transmembrane proteins is associated with germ cell specification in mice. BMC Developmental Biology, 2003, 3, 1.	2.1	121
110	Small-molecule synergist of the Wnt/Î²-catenin signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7444-7448.	3.3	118
111	Altered splicing of ATP6AP2 causes X-linked parkinsonism with spasticity (XPDS). Human Molecular Genetics, 2013, 22, 3259-3268.	1.4	113
112	Direct regulation of the Xenopus engrailed-2 promoter by the Wnt signaling pathway, and a molecular screen for Wnt-responsive genes, confirm a role for Wnt signaling during neural patterning in Xenopus. Mechanisms of Development, 1999, 87, 21-32.	1.7	112
113	Synthesis and assembly of spectrin during avian erythropoiesis: Stoichiometric assembly but unequal synthesis of Î± and Î² spectrin. Cell, 1983, 32, 1081-1091.	13.5	111
114	Wnt signaling: why is everything so negative?. Current Opinion in Cell Biology, 1998, 10, 182-187.	2.6	110
115	Wnt/Î²-catenin signaling has an essential role in the initiation of limb regeneration. Developmental Biology, 2007, 306, 170-178.	0.9	110
116	A Re-evaluation of the â€œOncogenicâ€•Nature of Wnt/Î²-catenin Signaling in Melanoma and Other Cancers. Current Oncology Reports, 2010, 12, 314-318.	1.8	110
117	Wilms Tumor Gene on X Chromosome (WTX) Inhibits Degradation of NRF2 Protein through Competitive Binding to KEAP1 Protein. Journal of Biological Chemistry, 2012, 287, 6539-6550.	1.6	110
118	A protein complex of SCRIB, NOS1AP and VANGL1 regulates cell polarity and migration, and is associated with breast cancer progression. Oncogene, 2012, 31, 3696-3708.	2.6	109
119	Protein kinase C isozymes have distinct roles in neural induction and competence in Xenopus. Cell, 1992, 68, 1021-1029.	13.5	105
120	WNT7B mediates autocrine Wnt/Î²-catenin signaling and anchorage-independent growth in pancreatic adenocarcinoma. Oncogene, 2014, 33, 899-908.	2.6	105
121	Assaying Î²-Catenin/TCF Transcription with Î²-Catenin/TCF Transcription-Based Reporter Constructs. Methods in Molecular Biology, 2008, 468, 99-110.	0.4	103
122	Environmental signals and cell fate specification in premigratory neural crest. BioEssays, 2000, 22, 708-716.	1.2	100
123	AKT Kinase Activity Is Required for Lithium to Modulate Mood-Related Behaviors in Mice. Neuropsychopharmacology, 2011, 36, 1397-1411.	2.8	98
124	Wnt/Î²-catenin signaling promotes self-renewal and inhibits the primed state transition in naÃ¯ve human embryonic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6382-E6390.	3.3	98
125	The Tuberin-Hamartin Complex Negatively Regulates Î²-Catenin Signaling Activity. Journal of Biological Chemistry, 2003, 278, 5947-5951.	1.6	95
126	When Wnts antagonize Wnts. Journal of Cell Biology, 2003, 162, 753-756.	2.3	94

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127	Crystal structure of a Tankyrase-Axin complex and its implications for Axin turnover and Tankyrase substrate recruitment. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1500-1505.	3.3	93
128	Targeting Wnt Pathways in Disease. Cold Spring Harbor Perspectives in Biology, 2012, 4, a008086-a008086.	2.3	93
129	Wnt/Î²-catenin signaling suppresses DUX4 expression and prevents apoptosis of FSHD muscle cells. Human Molecular Genetics, 2013, 22, 4661-4672.	1.4	92
130	In pursuit of the functions of theWnt family of developmental regulators: Insights fromXenopus laevis. BioEssays, 1993, 15, 91-97.	1.2	91
131	Wnt Signaling and Heterotrimeric G-Proteins: Strange Bedfellows or a Classic Romance?. Biochemical and Biophysical Research Communications, 2001, 287, 589-593.	1.0	91
132	Mindbomb 1, an E3 ubiquitin ligase, forms a complex with RYK to activate Wnt/Î²-catenin signaling. Journal of Cell Biology, 2011, 194, 737-750.	2.3	90
133	Activation of Rat Frizzled-1 Promotes Wnt Signaling and Differentiation of Mouse F9 Teratocarcinoma Cells via Pathways That Require GÎ±q and GÎ±o Function. Journal of Biological Chemistry, 1999, 274, 33539-33544.	1.6	89
134	WIKI4, a Novel Inhibitor of Tankyrase and Wnt/ÃŸ-Catenin Signaling. PLoS ONE, 2012, 7, e50457.	1.1	89
135	Wnt/Î²-catenin regulation of the Sp1-related transcription factor sp5l promotes tail development in zebrafish. Development (Cambridge), 2005, 132, 1763-1772.	1.2	86
136	Wnt1 and wnt10b function redundantly at the zebrafish midbrainâ€“hindbrain boundary. Developmental Biology, 2003, 254, 172-187.	0.9	85
137	Wnt Signaling Exerts an Antiproliferative Effect on Adult Cardiac Progenitor Cells Through IGFBP3. Circulation Research, 2011, 109, 1363-1374.	2.0	84
138	USP6 oncogene promotes Wnt signaling by deubiquitylating Frizzleds. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2945-54.	3.3	84
139	The cytoskeletal framework of sea urchin eggs and embryos: Developmental changes in the association of messenger RNA. Developmental Biology, 1983, 95, 447-458.	0.9	83
140	Noncanonical Wnt Signaling Orchestrates Early Developmental Events toward Hematopoietic Cell Fate from Human Embryonic Stem Cells. Cell Stem Cell, 2009, 4, 248-262.	5.2	83
141	Inactivation of Chibby affects function of motile airway cilia. Journal of Cell Biology, 2009, 185, 225-233.	2.3	81
142	Microfluidic device generating stable concentration gradients for long term cell culture: application to Wnt3a regulation of Î²-catenin signaling. Lab on A Chip, 2010, 10, 3277.	3.1	81
143	Transcriptomic, proteomic, and metabolomic landscape of positional memory in the caudal fin of zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E717-E726.	3.3	81
144	Antisence RNA inhibits expression of membrane skeleton protein 4.1 during embryonic development of xenopus. Cell, 1988, 53, 601-615.	13.5	78

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145	Active Î²-Catenin Signaling Is an Inhibitory Pathway for Human Immunodeficiency Virus Replication in Peripheral Blood Mononuclear Cells. Journal of Virology, 2008, 82, 2813-2820.	1.5	78
146	Activation of Wnt/Î²-Catenin Signaling Increases Apoptosis in Melanoma Cells Treated with Trail. PLoS ONE, 2013, 8, e69593.	1.1	78
147	Stromelysin-1 and mesothelin are differentially regulated by Wnt-5a and Wnt-1 in C57mg mouse mammary epithelial cells. , 2003, 3, 2.		77
148	Isolation of cDNAs partially encoding four Xenopus proteins and characterization of their transient expression during embryonic development. Developmental Biology, 1991, 143, 230-234.	0.9	76
149	Adiponectin Haploinsufficiency Promotes Mammary Tumor Development in MMTV-PyVT Mice by Modulation of Phosphatase and Tensin Homolog Activities. PLoS ONE, 2009, 4, e4968.	1.1	75
150	The CCN family member Wisp3, mutant in progressive pseudorheumatoid dysplasia, modulates BMP and Wnt signaling. Journal of Clinical Investigation, 2007, 117, 3075-3086.	3.9	75
151	Zebrafish Dapper1 and Dapper2 play distinct roles in Wnt-mediated developmental processes. Development (Cambridge), 2004, 131, 5909-5921.	1.2	74
152	High Basal Levels of Functional Toll-Like Receptor 3 (TLR3) and Noncanonical Wnt5a Are Expressed in Papillary Thyroid Cancer and Are Coordinately Decreased by Phenylmethimazole Together with Cell Proliferation and Migration. Endocrinology, 2007, 148, 4226-4237.	1.4	74
153	Endothelium and NOTCH specify and amplify aorta-gonad-mesonephrosâ€“derived hematopoietic stem cells. Journal of Clinical Investigation, 2015, 125, 2032-2045.	3.9	74
154	Î²-Catenin Signaling Increases in Proliferating NG2+ Progenitors and Astrocytes during Post-Traumatic Gliogenesis in the Adult Brain. Stem Cells, 2010, 28, 297-307.	1.4	71
155	Wnt/Î²-catenin signaling promotes regeneration after adult zebrafish spinal cord injury. Biochemical and Biophysical Research Communications, 2016, 477, 952-956.	1.0	70
156	nemo-like kinase is an essential co-activator of Wnt signaling during early zebrafish development. Development (Cambridge), 2004, 131, 2899-2909.	1.2	69
157	Posterior malformations in Dact1 mutant mice arise through misregulated Vangl2 at the primitive streak. Nature Genetics, 2009, 41, 977-985.	9.4	69
158	CTLA-4 Is a Direct Target of Wnt/Î²-Catenin Signaling and Is Expressed in Human Melanoma Tumors. Journal of Investigative Dermatology, 2008, 128, 2870-2879.	0.3	68
159	The armadillo homologs Î²-catenin and plakoglobin are differentially expressed during early development of Xenopus laevis. Developmental Biology, 1992, 153, 337-346.	0.9	67
160	cDNA cloning, sequencing and chromosome mapping of a non-erythroid spectrin, human Î±-fodrin. Differentiation, 1987, 34, 68-78.	1.0	66
161	Wnt/Î²â€catenin pathway regulates bone morphogenetic protein (BMP2)â€mediated differentiation of dental follicle cells. Journal of Periodontal Research, 2012, 47, 309-319.	1.4	65
162	Assembly and topogenesis of the spectrin-based membrane skeleton in erythroid development. Cell, 1984, 37, 354-356.	13.5	64

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163	The bHLH Class Protein pMesogenin1 Can Specify Paraxial Mesoderm Phenotypes. Developmental Biology, 2000, 222, 376-391.	0.9	64
164	Phenylmethimazole Decreases Toll-Like Receptor 3 and Noncanonical Wnt5a Expression in Pancreatic Cancer and Melanoma Together with Tumor Cell Growth and Migration. Clinical Cancer Research, 2009, 15, 4114-4122.	3.2	64
165	Simvastatin Promotes Adult Hippocampal Neurogenesis by Enhancing Wnt/Î²-Catenin Signaling. Stem Cell Reports, 2014, 2, 9-17.	2.3	64
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