Randall T Moon

List of Publications by Year in Descending Order

309 papers	42,390 citations	108 h-index	203 g-index
395 ext. papers	45,579 ext. citations	11.7 avg, IF	7.37 L-index

#	Paper	IF	Citations
309	Amino acid primed mTOR activity is essential for heart regeneration.. *IScience*, **2022**, 25, 103574	6.1	1
308	Small-molecule probe reveals a kinase cascade that links stress signaling to TCF/LEF and Wnt responsiveness. *Cell Chemical Biology*, **2021**, 28, 625-635.e5	8.2	3
307	Loss of the ciliary protein Chibby1 in mice leads to exocrine pancreatic degeneration and pancreatitis. *Scientific Reports*, **2021**, 11, 17220	4.9	1
306	Metabolism as an early predictor of DPSCs aging. *Scientific Reports*, **2019**, 9, 2195	4.9	14
305	ALPK2 Promotes Cardiogenesis in Zebrafish and Human Pluripotent Stem Cells. *IScience*, **2018**, 2, 88-100	6.1	11
304	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	18	209
303	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	11.5	47
302	First critical repressive H3K27me3 marks in embryonic stem cells identified using designed protein inhibitor. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 10125-10130	11.5	24
301	Quantitative proteomics identify DAB2 as a cardiac developmental regulator that inhibits WNT/β-catenin signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 1002-7	11.5	39
300	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	11.5	62
299	Wnt/β-catenin signaling promotes self-renewal and inhibits the primed state transition in naïve human embryonic stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E6382-E6390	11.5	67
298	Wnt/β-catenin signaling promotes regeneration after adult zebrafish spinal cord injury. *Biochemical and Biophysical Research Communications*, **2016**, 477, 952-956	3.4	43
297	Endothelium and NOTCH specify and amplify aorta-gonad-mesonephros-derived hematopoietic stem cells. *Journal of Clinical Investigation*, **2015**, 125, 2032-45	15.9	56
296	A Quantitative Proteomic Analysis of Hemogenic Endothelium Reveals Differential Regulation of Hematopoiesis by SOX17. *Stem Cell Reports*, **2015**, 5, 291-304	8	10
295	Inhibition of β-catenin signaling respecifies anterior-like endothelium into beating human cardiomyocytes. *Development (Cambridge)*, **2015**, 142, 3198-209	6.6	47
294	Substrate trapping proteomics reveals targets of the βTrCP2/FBXW11 ubiquitin ligase. *Molecular and Cellular Biology*, **2015**, 35, 167-81	4.8	37
293	The 1918 Influenza Virus PB2 Protein Enhances Virulence through the Disruption of Inflammatory and Wnt-Mediated Signaling in Mice. *Journal of Virology*, **2015**, 90, 2240-53	6.6	22

292	Wnt signaling induces transcription, spatial proximity, and translocation of fusion gene partners in human hematopoietic cells. *Blood*, **2015**, 126, 1785-9	2.2	23
291	Macrophages modulate adult zebrafish tail fin regeneration. *Development (Cambridge)*, **2015**, 142, 406-406	6	19
290	The metabolome regulates the epigenetic landscape during naive-to-primed human embryonic stem cell transition. *Nature Cell Biology*, **2015**, 17, 1523-35	23.4	249
289	Inhibition of Ecatenin signaling respecifies anterior-like endothelium into beating human cardiomyocytes. *Journal of Cell Science*, **2015**, 128, e1.2-e1.2	5.3	1
288	Hypoxia-inducible factors have distinct and stage-specific roles during reprogramming of human cells to pluripotency. *Cell Stem Cell*, **2014**, 14, 592-605	18	163
287	Botulinum toxin induces muscle paralysis and inhibits bone regeneration in zebrafish. *Journal of Bone and Mineral Research*, **2014**, 29, 2346-56	6.3	25
286	Wnt Signal Production, Secretion, and Diffusion **2014**, 3-14		3
285	Wnt Signaling at the Membrane **2014**, 15-32		2
284	Introduction to ECatenin-Independent Wnt Signaling Pathways **2014**, 89-99		1
283	Molecular Mechanisms of Wnt Pathway Specificity **2014**, 101-112		
282	Dishevelled at the Crossroads of Pathways **2014**, 207-216		3
281	Modulation of Wnt Signaling by Endocytosis of Receptor Complexes **2014**, 113-124		1
280	Frizzleds as G Protein-Coupled Receptors **2014**, 195-206		1
279	ECatenin **2014**, 217-224		1
278	Wnt Signaling in Adult Stem Cells **2014**, 329-337		
277	Wnt/ECatenin Signaling in Embryonic Stem Cells **2014**, 267-277		1
276	Wnt Signaling and Colorectal Cancer **2014**, 357-367		2
275	Wnt Signaling in Early Vertebrate Development **2014**, 251-266		2

274	Secreted Wnt Inhibitors or Modulators **2014**, 177-193		2
273	Evolutionary Diversification of Vertebrate TCF/LEF Structure, Function, and Regulation **2014**, 225-237		5
272	Wnt Signaling Regulation of Tissue Architecture (EMT and MET) and Morphogenesis **2014**, 315-328		1
271	Wnt Signal Transduction in the Cytoplasm **2014**, 33-49		2
270	Disruptive CHD8 mutations define a subtype of autism early in development. *Cell*, **2014**, 158, 263-276	56.2	467
269	Wnt Signaling in Neural Development **2014**, 279-291		
268	Simvastatin promotes adult hippocampal neurogenesis by enhancing Wnt/β-catenin signaling. *Stem Cell Reports*, **2014**, 2, 9-17	8	48
267	Therapeutic Targetingof the Wnt Signaling Network **2014**, 421-444		1
266	Restoring Tissue Homeostasis **2014**, 17-355		1
265	WNT7B mediates autocrine Wnt/β-catenin signaling and anchorage-independent growth in pancreatic adenocarcinoma. *Oncogene*, **2014**, 33, 899-908	9.2	84
264	Wnt Signaling in Embryonic Development and Adult Tissue Homeostasis **2014**, 251-252		1
263	Mathematical Models of Wnt Signaling Pathways **2014**, 153-160		2
262	The Wnt's Tale **2014**, 161-176		4
261	New Insights about Wnt/β-Catenin Pathway Mechanisms from Global siRNA Screens **2014**, 137-151		
260	Insights from Structural Analysis of Protein–Protein Interactions by Wnt Pathway Components and Functional Multiprotein Complex Formation **2014**, 239-250		2
259	Wnt Signaling in Kidney Organogenesis **2014**, 303-313		
258	Wnt Signaling in Melanoma **2014**, 369-378		
257	Neuropsychiatric Disease-Associated Genetic Variation in the Wnt Pathway **2014**, 393-409		1

256	Wnt Signaling in Dementia **2014**, 411-420		
255	New Insights from Proteomic Analysis of Wnt Signaling **2014**, 125-135		
254	Molecular Signaling Mechanisms **2014**, 1-2		
253	Selected Key Molecules in Wnt Signaling **2014**, 177-178		
252	Wnt Signaling in Chronic Disease **2014**, 357-357		
251	Wnt Signaling in Heart Organogenesis **2014**, 293-301		
250	Finding a Needle in a Genomic Haystack **2014**, 73-87		3
249	An Overview of Gene Regulation by Wnt/β-Catenin Signaling **2014**, 51-71		1
248	Wnt Signaling in Mood and Psychotic Disorders **2014**, 379-391		2
247	Macrophages modulate adult zebrafish tail fin regeneration. *Development (Cambridge)*, **2014**, 141, 2581-91	6.6	199
246	Porous implants modulate healing and induce shifts in local macrophage polarization in the foreign body reaction. *Annals of Biomedical Engineering*, **2014**, 42, 1508-16	4.7	253
245	WNT5A enhances resistance of melanoma cells to targeted BRAF inhibitors. *Journal of Clinical Investigation*, **2014**, 124, 2877-90	15.9	114
244	Targeted BRAF inhibition impacts survival in melanoma patients with high levels of Wnt/β-catenin signaling. *PLoS ONE*, **2014**, 9, e94748	3.7	28
243	Notch Signaling By Either Notch1 or Notch2 Mediates Expansion of AGM-Derived Long-Term HSC Populations in Vitro. *Blood*, **2014**, 124, 2897-2897	2.2	
242	A novel functional low-density lipoprotein receptor-related protein 6 gene alternative splice variant is associated with Alzheimer's disease. *Neurobiology of Aging*, **2013**, 34, 1709.e9-18	5.6	27
241	Microfluidic bioreactor for dynamic regulation of early mesodermal commitment in human pluripotent stem cells. *Lab on A Chip*, **2013**, 13, 355-64	7.2	43
240	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, 1440-5	11.5	142
239	WNT signalling pathways as therapeutic targets in cancer. *Nature Reviews Cancer*, **2013**, 13, 11-26	31.3	1435

238	Microenvironmental protection of CML stem and progenitor cells from tyrosine kinase inhibitors through N-cadherin and Wnt-Ecatenin signaling. *Blood*, **2013**, 121, 1824-38	2.2	192
237	Cell biology. Making a point with Wnt signals. *Science*, **2013**, 339, 1388-9	33.3	13
236	Altered splicing of ATP6AP2 causes X-linked parkinsonism with spasticity (XPDS). *Human Molecular Genetics*, **2013**, 22, 3259-68	5.6	89
235	Wnt/Ecatenin signaling suppresses DUX4 expression and prevents apoptosis of FSHD muscle cells. *Human Molecular Genetics*, **2013**, 22, 4661-72	5.6	75
234	Transmembrane protein 88: a Wnt regulatory protein that specifies cardiomyocyte development. *Development (Cambridge)*, **2013**, 140, 3799-808	6.6	39
233	Protein kinase PKN1 represses Wnt/Ecatenin signaling in human melanoma cells. *Journal of Biological Chemistry*, **2013**, 288, 34658-70	5.4	28
232	A rare WNT1 missense variant overrepresented in ASD leads to increased Wnt signal pathway activation. *Translational Psychiatry*, **2013**, 3, e301	8.6	25
231	A disease-associated PTPN22 variant promotes systemic autoimmunity in murine models. *Journal of Clinical Investigation*, **2013**, 123, 2024-36	15.9	137
230	Adhesion Of Acute Myeloid Leukemia Blasts To E-Selectin In The Vascular Niche Enhances Their Survival By Mechanisms Such As Wnt Activation. *Blood*, **2013**, 122, 61-61	2.2	19
229	FAM129B is a novel regulator of Wnt/Ecatenin signal transduction in melanoma cells. *F1000Research*, **2013**, 2, 134	3.6	11
228	FAM129B is a novel regulator of Wnt/Ecatenin signal transduction in melanoma cells. *F1000Research*, **2013**, 2, 134	3.6	13
227	Activation of Wnt/Ecatenin signaling increases apoptosis in melanoma cells treated with trail. *PLoS ONE*, **2013**, 8, e69593	3.7	60
226	AGM-Derived Endothelial Cells and Notch Ligands Provide Embryonic Hematopoietic Stem Cell-Supportive Niches In Vitro. *Blood*, **2013**, 122, 1167-1167	2.2	
225	WLS inhibits melanoma cell proliferation through the Ecatenin signalling pathway and induces spontaneous metastasis. *EMBO Molecular Medicine*, **2012**, 4, 1294-307	12	23
224	Targeting Wnt pathways in disease. *Cold Spring Harbor Perspectives in Biology*, **2012**, 4,	10.2	74
223	A temporal chromatin signature in human embryonic stem cells identifies regulators of cardiac development. *Cell*, **2012**, 151, 221-32	56.2	254
222	Regulating the response to targeted MEK inhibition in melanoma: enhancing apoptosis in NRAS- and BRAF-mutant melanoma cells with Wnt/Ecatenin activation. *Cell Cycle*, **2012**, 11, 3724-30	4.7	34
221	Intrinsic and extrinsic modifiers of the regulative capacity of the developing liver. *Mechanisms of Development*, **2012**, 128, 525-35	1.7	19

220	WIKI4, a novel inhibitor of tankyrase and Wnt/β-catenin signaling. *PLoS ONE*, **2012**, 7, e50457	3.7	70
219	Wnt/β-catenin pathway regulates bone morphogenetic protein (BMP2)-mediated differentiation of dental follicle cells. *Journal of Periodontal Research*, **2012**, 47, 309-19	4.3	48
218	Wnt/β-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, 4485-90	11.5	249
217	Wnt5a and Wnt11 are essential for second heart field progenitor development. *Development (Cambridge)*, **2012**, 139, 1931-40	6.6	109
216	A protein complex of SCRIB, NOS1AP and VANGL1 regulates cell polarity and migration, and is associated with breast cancer progression. *Oncogene*, **2012**, 31, 3696-708	9.2	81
215	Wilms tumor gene on X chromosome (WTX) inhibits degradation of NRF2 protein through competitive binding to KEAP1 protein. *Journal of Biological Chemistry*, **2012**, 287, 6539-50	5.4	85
214	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, 1500-5	11.5	71
213	Wnt/β-catenin signaling and AXIN1 regulate apoptosis triggered by inhibition of the mutant kinase BRAFV600E in human melanoma. *Science Signaling*, **2012**, 5, ra3	8.8	124
212	Microenvironmental Protection of CML Stem and Progenitor Cells From Tyrosine Kinase Inhibitors Through N-Cadherin and Wnt Signaling. *Blood*, **2012**, 120, 912-912	2.2	1
211	Differential requirement for the dual functions of β-catenin in embryonic stem cell self-renewal and germ layer formation. *Nature Cell Biology*, **2011**, 13, 753-61	23.4	190
210	Wnt signaling exerts an antiproliferative effect on adult cardiac progenitor cells through IGFBP3. *Circulation Research*, **2011**, 109, 1363-74	15.7	71
209	Assessment of hypoxia inducible factor levels in cancer cell lines upon hypoxic induction using a novel reporter construct. *PLoS ONE*, **2011**, 6, e27460	3.7	31
208	Crystal structures of the extracellular domain of LRP6 and its complex with DKK1. *Nature Structural and Molecular Biology*, **2011**, 18, 1204-10	17.6	125
207	Mindbomb 1, an E3 ubiquitin ligase, forms a complex with RYK to activate Wnt/β-catenin signaling. *Journal of Cell Biology*, **2011**, 194, 737-50	7.3	79
206	AKT kinase activity is required for lithium to modulate mood-related behaviors in mice. *Neuropsychopharmacology*, **2011**, 36, 1397-411	8.7	82
205	Wnt and related signaling pathways in melanomagenesis. *Cancers*, **2010**, 2, 1000-12	6.6	4
204	Canonical Wnt3a modulates intracellular calcium and enhances excitatory neurotransmission in hippocampal neurons. *Journal of Biological Chemistry*, **2010**, 285, 18939-47	5.4	54
203	Microfluidic device generating stable concentration gradients for long term cell culture: application to Wnt3a regulation of β-catenin signaling. *Lab on A Chip*, **2010**, 10, 3277-83	7.2	77

202	A 1,536-well ultra-high-throughput siRNA screen to identify regulators of the Wnt/beta-catenin pathway. *Assay and Drug Development Technologies*, **2010**, 8, 286-94	2.1	13
201	Beta-catenin signaling increases in proliferating NG2+ progenitors and astrocytes during post-traumatic gliogenesis in the adult brain. *Stem Cells*, **2010**, 28, 297-307	5.8	58
200	A re-evaluation of the "oncogenic" nature of Wnt/beta-catenin signaling in melanoma and other cancers. *Current Oncology Reports*, **2010**, 12, 314-8	6.3	101
199	Chemical-genetic screen identifies riluzole as an enhancer of Wnt/β-catenin signaling in melanoma. *Chemistry and Biology*, **2010**, 17, 1177-82		43
198	Wnt3a activates dormant c-Kit(-) bone marrow-derived cells with short-term multilineage hematopoietic reconstitution capacity. *Stem Cells*, **2010**, 28, 1379-89	5.8	17
197	Modulation of the beta-catenin signaling pathway by the dishevelled-associated protein Hipk1. *PLoS ONE*, **2009**, 4, e4310	3.7	27
196	Adiponectin haploinsufficiency promotes mammary tumor development in MMTV-PyVT mice by modulation of phosphatase and tensin homolog activities. *PLoS ONE*, **2009**, 4, e4968	3.7	62
195	Bili inhibits Wnt/beta-catenin signaling by regulating the recruitment of axin to LRP6. *PLoS ONE*, **2009**, 4, e6129	3.7	22
194	Integrative analysis of genome-wide RNA interference screens. *Science Signaling*, **2009**, 2, pt4	8.8	8
193	Bruton's tyrosine kinase revealed as a negative regulator of Wnt-beta-catenin signaling. *Science Signaling*, **2009**, 2, ra25	8.8	47
192	Inactivation of Chibby affects function of motile airway cilia. *Journal of Cell Biology*, **2009**, 185, 225-33	7.3	72
191	Activated Wnt/beta-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, 1193-8	11.5	272
190	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, 4114-22	12.9	51
189	Beta-catenin gets jaded and von Hippel-Lindau is to blame. *Trends in Biochemical Sciences*, **2009**, 34, 101-4	10.3	19
188	Lentiviral-mediated transgene expression can potentiate intestinal mesenchymal-epithelial signaling. *Biological Procedures Online*, **2009**, 11, 130-44	8.3	3
187	Wnt/Fz signaling and the cytoskeleton: potential roles in tumorigenesis. *Cell Research*, **2009**, 19, 532-45	24.7	113
186	A Wnt survival guide: from flies to human disease. *Journal of Investigative Dermatology*, **2009**, 129, 1614-27	4.3	291
185	Posterior malformations in Dact1 mutant mice arise through misregulated Vangl2 at the primitive streak. *Nature Genetics*, **2009**, 41, 977-85	36.3	62

184	Transcription-based reporters of Wnt/beta-catenin signaling. *Cold Spring Harbor Protocols*, **2009**, 2009, pdb.prot5223	1.2	32
183	Disrupted in schizophrenia 1 regulates neuronal progenitor proliferation via modulation of GSK3beta/beta-catenin signaling. *Cell*, **2009**, 136, 1017-31	56.2	618
182	Genetic interaction of PGE2 and Wnt signaling regulates developmental specification of stem cells and regeneration. *Cell*, **2009**, 136, 1136-47	56.2	551
181	Noncanonical Wnt signaling orchestrates early developmental events toward hematopoietic cell fate from human embryonic stem cells. *Cell Stem Cell*, **2009**, 4, 248-62	18	71
180	Requirement of Wnt/beta-catenin signaling in pronephric kidney development. *Mechanisms of Development*, **2009**, 126, 142-59	1.7	44
179	Proximal events in Wnt signal transduction. *Nature Reviews Molecular Cell Biology*, **2009**, 10, 468-77	48.7	846
178	A lentivirus-mediated genetic screen identifies dihydrofolate reductase (DHFR) as a modulator of beta-catenin/GSK3 signaling. *PLoS ONE*, **2009**, 4, e6892	3.7	15
177	CTLA-4 is a direct target of Wnt/beta-catenin signaling and is expressed in human melanoma tumors. *Journal of Investigative Dermatology*, **2008**, 128, 2870-9	4.3	54
176	Crystal structure of a full-length beta-catenin. *Structure*, **2008**, 16, 478-87	5.2	135
175	Assaying beta-catenin/TCF transcription with beta-catenin/TCF transcription-based reporter constructs. *Methods in Molecular Biology*, **2008**, 468, 99-110	1.4	85
174	APC mutant zebrafish uncover a changing temporal requirement for wnt signaling in liver development. *Developmental Biology*, **2008**, 320, 161-74	3.1	152
173	New regulators of Wnt/beta-catenin signaling revealed by integrative molecular screening. *Science Signaling*, **2008**, 1, ra12	8.8	121
172	Wnt5a control of cell polarity and directional movement by polarized redistribution of adhesion receptors. *Science*, **2008**, 320, 365-9	33.3	192
171	Adiponectin stimulates Wnt inhibitory factor-1 expression through epigenetic regulations involving the transcription factor specificity protein 1. *Carcinogenesis*, **2008**, 29, 2195-202	4.6	47
170	Active beta-catenin signaling is an inhibitory pathway for human immunodeficiency virus replication in peripheral blood mononuclear cells. *Journal of Virology*, **2008**, 82, 2813-20	6.6	71
169	Wnt signaling promotes hematoendothelial cell development from human embryonic stem cells. *Blood*, **2008**, 111, 122-31	2.2	144
168	Beta-catenin-independent Wnt pathways: signals, core proteins, and effectors. *Methods in Molecular Biology*, **2008**, 468, 131-44	1.4	45
167	Distinct Wnt signaling pathways have opposing roles in appendage regeneration. *Development (Cambridge)*, **2007**, 134, 479-89	6.6	415

166	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, 17259-71	5.4	268
165	The interaction of the Wnt and Notch pathways modulates natural killer versus T cell differentiation. *Stem Cells*, **2007**, 25, 2488-97	5.8	33
164	Wnt-beta-catenin signaling initiates taste papilla development. *Nature Genetics*, **2007**, 39, 106-12	36.3	121
163	Wnt signaling: it gets more humorous with age. *Current Biology*, **2007**, 17, R923-5	6.3	28
162	Small-molecule synergist of the Wnt/beta-catenin signaling pathway. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 7444-8	11.5	103
161	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, 9434-9	11.5	220
160	Prolonged in vivo gene silencing by electroporation-mediated plasmid delivery of small interfering RNA. *Human Gene Therapy*, **2007**, 18, 861-9	4.8	17
159	Wilms tumor suppressor WTX negatively regulates WNT/beta-catenin signaling. *Science*, **2007**, 316, 1043-6	33.3	341
158	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, 9685-90	11.5	464
157	Chibby promotes adipocyte differentiation through inhibition of beta-catenin signaling. *Molecular and Cellular Biology*, **2007**, 27, 4347-54	4.8	46
156	Overexpression of Wnt-1 in thyrocytes enhances cellular growth but suppresses transcription of the thyroperoxidase gene via different signaling mechanisms. *Journal of Endocrinology*, **2007**, 193, 93-106	4.7	19
155	Wnt/beta-catenin signaling has an essential role in the initiation of limb regeneration. *Developmental Biology*, **2007**, 306, 170-8	3.1	98
154	The renewal and differentiation of Isl1+ cardiovascular progenitors are controlled by a Wnt/beta-catenin pathway. *Cell Stem Cell*, **2007**, 1, 165-79	18	268
153	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, 4226-37	4.8	63
152	Advances in signaling in vertebrate regeneration as a prelude to regenerative medicine. *Genes and Development*, **2007**, 21, 1292-315	12.6	227
151	The CCN family member Wisp3, mutant in progressive pseudorheumatoid dysplasia, modulates BMP and Wnt signaling. *Journal of Clinical Investigation*, **2007**, 117, 3075-86	15.9	63
150	Genetic Interaction between PGE2 and the Wnt/□Catenin Signaling Pathway Regulates Definitive HSC Development and Homeostasis.. *Blood*, **2007**, 110, 203-203	2.2	1
149	WNTS and WNT receptors as therapeutic tools and targets in human disease processes. *Frontiers in Bioscience - Landmark*, **2007**, 12, 448-57	2.8	41

148	TC1(C8orf4) correlates with Wnt/beta-catenin target genes and aggressive biological behavior in gastric cancer. *Clinical Cancer Research*, **2006**, 12, 3541-8	12.9	39
147	TC1 (C8orf4) enhances the Wnt/beta-catenin pathway by relieving antagonistic activity of Chibby. *Cancer Research*, **2006**, 66, 723-8	10.1	47
146	Transforming growth factor beta receptor type II inactivation induces the malignant transformation of intestinal neoplasms initiated by Apc mutation. *Cancer Research*, **2006**, 66, 9837-44	10.1	139
145	Wnt signaling induces epithelial differentiation during cutaneous wound healing. *BMC Cell Biology*, **2006**, 7, 4		107
144	The KLHL12-Cullin-3 ubiquitin ligase negatively regulates the Wnt-beta-catenin pathway by targeting Dishevelled for degradation. *Nature Cell Biology*, **2006**, 8, 348-57	23.4	304
143	Glycogen synthase kinase-3 is an in vivo regulator of hematopoietic stem cell repopulation. *Nature Medicine*, **2006**, 12, 89-98	50.5	213
142	Molecular architecture and assembly of the DDB1-CUL4A ubiquitin ligase machinery. *Nature*, **2006**, 443, 590-3	50.4	497
141	The ups and downs of Wnt signaling in prevalent neurological disorders. *Oncogene*, **2006**, 25, 7545-53	9.2	180
140	Kaiso/p120-catenin and TCF/beta-catenin complexes coordinately regulate canonical Wnt gene targets. *Developmental Cell*, **2005**, 8, 843-54	10.2	185
139	Wnt and calcium signaling: beta-catenin-independent pathways. *Cell Calcium*, **2005**, 38, 439-46	4	563
138	The Sp1-related transcription factors sp5 and sp5-like act downstream of Wnt/beta-catenin signaling in mesoderm and neuroectoderm patterning. *Current Biology*, **2005**, 15, 489-500	6.3	163
137	Wnt/beta-catenin pathway. *Science Signaling*, **2005**, 2005, cm1	8.8	119
136	Functional genomic analysis of the Wnt-wingless signaling pathway. *Science*, **2005**, 308, 826-33	33.3	294
135	Wnt/beta-catenin regulation of the Sp1-related transcription factor sp5l promotes tail development in zebrafish. *Development (Cambridge)*, **2005**, 132, 1763-72	6.6	76
134	The Interaction of the Wnt and Notch Pathways Modulates NK vs. T Cell Commitment.. *Blood*, **2005**, 106, 765-765	2.2	
133	Zebrafish Dapper1 and Dapper2 play distinct roles in Wnt-mediated developmental processes. *Development (Cambridge)*, **2004**, 131, 5909-21	6.6	69
132	A small molecule inhibitor of beta-catenin/CREB-binding protein transcription [corrected]. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 12682-7	11.5	707
131	nemo-like kinase is an essential co-activator of Wnt signaling during early zebrafish development. *Development (Cambridge)*, **2004**, 131, 2899-909	6.6	60

130	Lymphoid enhancer factor-1 links two hereditary leukemia syndromes through core-binding factor alpha regulation of ELA2. *Journal of Biological Chemistry*, **2004**, 279, 2873-84	5.4	36
129	Reiterated Wnt signaling during zebrafish neural crest development. *Development (Cambridge)*, **2004**, 131, 1299-308	6.6	216
128	Mutant Frizzled 4 associated with vitreoretinopathy traps wild-type Frizzled in the endoplasmic reticulum by oligomerization. *Nature Cell Biology*, **2004**, 6, 52-8	23.4	148
127	WNT and beta-catenin signalling: diseases and therapies. *Nature Reviews Genetics*, **2004**, 5, 691-701	30.1	1524
126	A PKC wave follows the calcium wave after activation of Xenopus eggs. *Differentiation*, **2004**, 72, 41-7	3.5	14
125	A plasmid-based system for expressing small interfering RNA libraries in mammalian cells. *BMC Cell Biology*, **2004**, 5, 16		42
124	Teaching resource. Canonical Wnt/beta-catenin signaling. *Science Signaling*, **2004**, 2004, tr5	8.8	9
123	Formation and Functions of the Gastrula Organizer in Zebrafish **2004**, 375-393		
122	Teaching resource. Beta-catenin signaling and axis specification. *Scienceis STKE: Signal Transduction Knowledge Environment*, **2004**, 2004, tr6		1
121	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, 3422-7	11.5	191
120	Zebrafish prickle, a modulator of noncanonical Wnt/Fz signaling, regulates gastrulation movements. *Current Biology*, **2003**, 13, 680-5	6.3	719
119	The fragilis interferon-inducible gene family of transmembrane proteins is associated with germ cell specification in mice. *BMC Developmental Biology*, **2003**, 3, 1	3.1	104
118	Stromelysin-1 and mesothelin are differentially regulated by Wnt-5a and Wnt-1 in C57mg mouse mammary epithelial cells. *BMC Developmental Biology*, **2003**, 3, 2	3.1	62
117	Chibby, a nuclear beta-catenin-associated antagonist of the Wnt/Wingless pathway. *Nature*, **2003**, 422, 905-9	50.4	240
116	Wnt1 and wnt10b function redundantly at the zebrafish midbrain-hindbrain boundary. *Developmental Biology*, **2003**, 254, 172-87	3.1	82
115	A second canon. Functions and mechanisms of beta-catenin-independent Wnt signaling. *Developmental Cell*, **2003**, 5, 367-77	10.2	1138
114	Wnt Protein Family **2003**, 665-674		0
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