

CITATION REPORT

List of articles citing

Wnt5a functions in planar cell polarity regulation in mice

DOI: 10.1016/j.ydbio.2007.03.011

Developmental Biology, 2007, 306, 121-33.

Source: <https://exaly.com/paper-pdf/41975869/citation-report.pdf>

Version: 2024-04-29

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
348	Wnt5a functions in planar cell polarity regulation in mice. <i>Developmental Biology</i> , 2007 , 306, 121-33	3.1	323
347	Shaping the mammalian auditory sensory organ by the planar cell polarity pathway. 2007 , 51, 535-47		66
346	Wnt5a modulates glycogen synthase kinase 3 to induce phosphorylation of receptor tyrosine kinase Ror2. 2007 , 12, 1215-23		70
345	The complex pathways of Wnt 5a in cancer progression. 2008 , 86, 259-66		60
344	A role for planar cell polarity signaling in angiogenesis. 2008 , 11, 347-60		60
343	Second hit in cervical carcinogenesis process: involvement of wnt/beta catenin pathway. 2008 , 1, 10		56
342	Comprehensive Wnt-related gene expression during cochlear duct development in chicken. 2008 , 510, 378-95		56
341	Sfrp1, Sfrp2, and Sfrp5 regulate the Wnt/beta-catenin and the planar cell polarity pathways during early trunk formation in mouse. 2008 , 46, 92-103		100
340	Roles of Wnt signaling in bone formation and resorption. 2008 , 44, 76-82		33
339	Alternative wnt signaling is initiated by distinct receptors. 2008 , 1, re9		256
338	Planar polarization in embryonic epidermis orchestrates global asymmetric morphogenesis of hair follicles. 2008 , 10, 1257-68		255
337	Ciliary proteins link basal body polarization to planar cell polarity regulation. 2008 , 40, 69-77		270
336	Genetic factors in congenital heart malformation. 2008 , 73, 516-27		31
335	Dishevelled links basal body docking and orientation in ciliated epithelial cells. 2008 , 18, 517-20		33
334	Primary cilia in planar cell polarity regulation of the inner ear. 2008 , 85, 197-224		71
333	Wnt Signaling. <i>Methods in Molecular Biology</i> , 2008 ,	1.4	2
332	The plane facts of PCP in the CNS. 2008 , 60, 9-16		54

331	Cthrc1 selectively activates the planar cell polarity pathway of Wnt signaling by stabilizing the Wnt-receptor complex. 2008 , 15, 23-36		233
330	Leading Wnt down a PCP path: Cthrc1 acts as a coreceptor in the Wnt-PCP pathway. 2008 , 15, 7-8		13
329	A new kid on the TGFbeta block: TAZ controls Smad nucleocytoplasmic shuttling. 2008 , 15, 8-10		12
328	Jxc1/Sobp, encoding a nuclear zinc finger protein, is critical for cochlear growth, cell fate, and patterning of the organ of corti. 2008 , 28, 6633-41		27
327	Coordinated molecular control of otic capsule differentiation: functional role of Wnt5a signaling and opposition by sfrp3 activity. 2008 , 26, 343-54		11
326	Modeling neural tube defects in the mouse. 2008 , 84, 1-35		24
325	Assessment criteria for rotated stereociliary bundles in the guinea pig cochlea. 2008 , 29, 86-92		1
324	Wnt5a regulates ventral midbrain morphogenesis and the development of A9-A10 dopaminergic cells in vivo. <i>PLoS ONE</i> , 2008 , 3, e3517	3-7	73
323	The emerging role of Wnt/PCP signaling in organ formation. 2009 , 6, 9-14		26
322	Genetics of human neural tube defects. 2009 , 18, R113-29		236
321	Planar cell polarity signaling: the developing cell's compass. 2009 , 1, a002964		170
320	Myosin II regulates extension, growth and patterning in the mammalian cochlear duct. <i>Development (Cambridge)</i> , 2009 , 136, 1977-86	6.6	90
319	The Wnt antagonists Frzb-1 and Crescent locally regulate basement membrane dissolution in the developing primary mouth. <i>Development (Cambridge)</i> , 2009 , 136, 1071-81	6.6	45
318	Clinical presentation and genetic correlation of patients with mutations affecting the FZD4 gene. 2009 , 127, 1649-54		50
317	Sfrp controls apicobasal polarity and oriented cell division in developing gut epithelium. 2009 , 5, e1000427		86
316	The extracellular domain of Lrp5/6 inhibits noncanonical Wnt signaling in vivo. 2009 , 20, 924-36		87
315	Planar cell polarity and the kidney. 2009 , 20, 2104-11		60
314	Selective activation mechanisms of Wnt signaling pathways. 2009 , 19, 119-29		201

313	Development of form and function in the mammalian cochlea. 2009 , 19, 395-401	70
312	Mouse models for dissecting vertebrate planar cell polarity signaling in the inner ear. 2009 , 1277, 130-40	14
311	Mapping of Wnt, frizzled, and Wnt inhibitor gene expression domains in the avian otic primordium. 2009 , 517, 751-64	36
310	Short limbs, cleft palate, and delayed formation of flat proliferative chondrocytes in mice with targeted disruption of a putative protein kinase gene, Pkdcc (AW548124). 2009 , 238, 210-22	27
309	Ror-family receptor tyrosine kinases in noncanonical Wnt signaling: their implications in developmental morphogenesis and human diseases. 2010 , 239, 1-15	167
308	Wnt to build a tube: contributions of Wnt signaling to epithelial tubulogenesis. 2010 , 239, 77-93	36
307	Delayed dopaminergic neuron differentiation in Lrp6 mutant mice. 2010 , 239, 211-21	29
306	Genetic interaction between Lrp6 and Wnt5a during mouse development. 2010 , 239, 237-45	24
305	Wnt activity guides facial branchiomotor neuron migration, and involves the PCP pathway and JNK and ROCK kinases. 2009 , 4, 7	66
304	Wnt/Fz signaling and the cytoskeleton: potential roles in tumorigenesis. 2009 , 19, 532-45	113
303	Linking genes underlying deafness to hair-bundle development and function. 2009 , 12, 703-10	142
302	The opposing roles of Wnt-5a in cancer. 2009 , 101, 209-14	189
301	Profiling of high-grade central osteosarcoma and its putative progenitor cells identifies tumorigenic pathways. 2009 , 101, 1909-18	58
300	Cystic kidney diseases and planar cell polarity signaling. 2009 , 75, 107-17	44
299	Regulation of planar cell polarity by Smurf ubiquitin ligases. 2009 , 137, 295-307	253
298	Line up and listen: Planar cell polarity regulation in the mammalian inner ear. 2009 , 20, 978-85	54
297	Progress and challenges in understanding planar cell polarity signaling. 2009 , 20, 964-71	110
296	Regulation of convergence and extension movements during vertebrate gastrulation by the Wnt/PCP pathway. 2009 , 20, 986-97	170

295	Wnt5a is essential for intestinal elongation in mice. <i>Developmental Biology</i> , 2009 , 326, 285-94	3.1	120
294	The role of Wnt5a in prostate gland development. <i>Developmental Biology</i> , 2009 , 328, 188-99	3.1	66
293	Noncanonical frizzled signaling regulates cell polarity of growth plate chondrocytes. <i>Development (Cambridge)</i> , 2009 , 136, 1083-92	6.6	93
292	Autonomous regulation of osteosarcoma cell invasiveness by Wnt5a/Ror2 signaling. 2009 , 28, 3197-208		132
291	Towards an integrated view of Wnt signaling in development. <i>Development (Cambridge)</i> , 2009 , 136, 3205-14	5.6	886
290	Convergent extension movements in growth plate chondrocytes require gpi-anchored cell surface proteins. <i>Development (Cambridge)</i> , 2009 , 136, 3463-74	6.6	38
289	The inner ear phenotype of Volchok (Vlk): An ENU-induced mouse model for CHARGE syndrome. 2010 , 8, 110-119		3
288	The importance of Wnt signaling in cardiovascular development. 2010 , 31, 342-8		47
287	Striking the target in Wnt-y conditions: intervening in Wnt signaling during cancer progression. 2010 , 80, 702-11		44
286	Role of bone morphogenetic proteins on cochlear hair cell formation: analyses of Noggin and Bmp2 mutant mice. 2010 , 239, 505-13		25
285	Ror2 is required for midgut elongation during mouse development. 2010 , 239, 941-53		64
284	Expression of Gpr177, a Wnt trafficking regulator, in mouse embryogenesis. 2010 , 239, 2102-9		31
283	Planar cell polarity pathway genes and risk for spina bifida. 2010 , 152A, 299-304		30
282	A systems-based approach to investigate dose- and time-dependent methylmercury-induced gene expression response in C57BL/6 mouse embryos undergoing neurulation. 2010 , 89, 188-200		10
281	The novel mouse mutant, chuzhoi, has disruption of Ptk7 protein and exhibits defects in neural tube, heart and lung development and abnormal planar cell polarity in the ear. 2010 , 10, 87		71
280	Frat oncoproteins act at the crossroad of canonical and noncanonical Wnt-signaling pathways. 2010 , 29, 93-104		30
279	Sec24b selectively sorts Vangl2 to regulate planar cell polarity during neural tube closure. 2010 , 12, 41-6; sup pp 1-8		177
278	The primary cilium: a signalling centre during vertebrate development. 2010 , 11, 331-44		1307

277	Sonic hedgehog guides post-crossing commissural axons both directly and indirectly by regulating Wnt activity. 2010 , 30, 11167-76		64
276	The embryonic transcription cofactor LBH is a direct target of the Wnt signaling pathway in epithelial development and in aggressive basal subtype breast cancers. 2010 , 30, 4267-79		66
275	BMP signaling is necessary for patterning the sensory and nonsensory regions of the developing mammalian cochlea. 2010 , 30, 15044-51		113
274	International Union of Basic and Clinical Pharmacology. LXXX. The class Frizzled receptors. 2010 , 62, 632-67		161
273	Review series: The cell biology of hearing. <i>Journal of Cell Biology</i> , 2010 , 190, 9-20	7.3	204
272	Planar cell polarity signaling in the Drosophila eye. 2010 , 93, 189-227		56
271	Planar cell polarity: keeping hairs straight is not so simple. 2010 , 2, a003376		66
270	Limbs made to measure. 2010 , 8, e1000421		1
269	The role of spatially controlled cell proliferation in limb bud morphogenesis. 2010 , 8, e1000420		143
268	Polarity protein alterations in carcinoma: a focus on emerging roles for polarity regulators. 2010 , 20, 41-50		101
267	BMP/SMAD signaling regulates the cell behaviors that drive the initial dorsal-specific regional morphogenesis of the otocyst. <i>Developmental Biology</i> , 2010 , 347, 369-81	3.1	18
266	FGF signaling regulates otic placode induction and refinement by controlling both ectodermal target genes and hindbrain Wnt8a. <i>Developmental Biology</i> , 2010 , 340, 595-604	3.1	71
265	Canonical and noncanonical Wnts use a common mechanism to activate completely unrelated coreceptors. 2010 , 24, 2517-30		325
264	New insights into the mechanism of Wnt signaling pathway activation. 2011 , 291, 21-71		191
263	Neurobiology of Actin. <i>Advances in Neurobiology</i> , 2011 ,	2.1	
262	Wnt signaling gradients establish planar cell polarity by inducing Vangl2 phosphorylation through Ror2. 2011 , 20, 163-76		355
261	Planar cell polarity: coordinating morphogenetic cell behaviors with embryonic polarity. 2011 , 21, 120-33		227
260	Non-cell-autonomous planar cell polarity propagation in the auditory sensory epithelium of vertebrates. <i>Developmental Biology</i> , 2011 , 352, 27-39	3.1	26

259	Regulatory mechanism of osteoclastogenesis by Wnt signaling. 2011 , 31, 413-419		2
258	Regulatory mechanism of osteoclastogenesis by RANKL and Wnt signals. 2011 , 16, 21-30		87
257	Wnt5a regulates midbrain dopaminergic axon growth and guidance. <i>PLoS ONE</i> , 2011 , 6, e18373	3-7	73
256	Methylation and loss of Secreted Frizzled-Related Protein 3 enhances melanoma cell migration and invasion. <i>PLoS ONE</i> , 2011 , 6, e18674	3-7	35
255	Fuz regulates craniofacial development through tissue specific responses to signaling factors. <i>PLoS ONE</i> , 2011 , 6, e24608	3-7	35
254	Elevated level of Wnt5a protein in localized prostate cancer tissue is associated with better outcome. <i>PLoS ONE</i> , 2011 , 6, e26539	3-7	43
253	Dynamic expression of Lgr5, a Wnt target gene, in the developing and mature mouse cochlea. 2011 , 12, 455-69		105
252	Roles of planar cell polarity pathways in the development of neural [correction of neutral] tube defects. 2011 , 18, 66		26
251	Modeling the control of planar cell polarity. 2011 , 3, 588-605		19
250	Beta-catenin signaling in hepatic development and progenitors: which way does the WNT blow?. 2011 , 240, 486-500		58
249	Role of chromatin remodeling gene Cecr2 in neurulation and inner ear development. 2011 , 240, 372-83		19
248	The planar cell polarity pathway in vertebrate development. 2011 , 240, 616-26		45
247	Conditional deletion of N-Myc disrupts neurosensory and non-sensory development of the ear. 2011 , 240, 1373-90		60
246	PCP effector proteins inturned and fuzzy play nonredundant roles in the patterning but not convergent extension of mammalian neural tube. 2011 , 240, 1938-48		25
245	Mutated in colorectal cancer (Mcc), a candidate tumor suppressor, is dynamically expressed during mouse embryogenesis. 2011 , 240, 2166-74		6
244	Dissecting the PCP pathway: one or more pathways?: Does a separate Wnt-Fz-Rho pathway drive morphogenesis?. 2011 , 33, 759-68		24
243	The planar cell polarity pathway in vertebrate epidermal development, homeostasis and repair. 2011 , 7, 202-8		19
242	Wnt/planar cell polarity signaling: an important mechanism to coordinate growth and patterning in the limb. 2011 , 7, 260-6		8

241	Planar cell polarity in the mammalian eye lens. 2011 , 7, 191-201		32
240	Cell polarity: The missing link in skeletal morphogenesis?. 2011 , 7, 217-28		19
239	Pronephric tubulogenesis requires Daam1-mediated planar cell polarity signaling. 2011 , 22, 1654-64		39
238	Origin of inner ear hair cells: morphological and functional differentiation from ciliary cells into hair cells in zebrafish inner ear. 2011 , 31, 3784-94		42
237	Cdx mediates neural tube closure through transcriptional regulation of the planar cell polarity gene Ptk7. <i>Development (Cambridge)</i> , 2011 , 138, 1361-70	6.6	43
236	Principles of planar polarity in animal development. <i>Development (Cambridge)</i> , 2011 , 138, 1877-92	6.6	416
235	PTK7: a cell polarity receptor with multiple facets. 2011 , 10, 1233-6		27
234	Rack1 is required for Vangl2 membrane localization and planar cell polarity signaling while attenuating canonical Wnt activity. 2011 , 108, 2264-9		48
233	Planar cell polarity in Drosophila. 2011 , 7, 165-79		48
232	Shaping sound in space: the regulation of inner ear patterning. <i>Development (Cambridge)</i> , 2012 , 139, 245-57	6.6	177
231	Loss of Wnt5a and Ror2 protein in hepatocellular carcinoma associated with poor prognosis. 2012 , 18, 1328-38		55
230	Rho GTPases in endoderm development and differentiation. 2012 , 3, 40-4		9
229	The Wnt coreceptor Ryk regulates Wnt/planar cell polarity by modulating the degradation of the core planar cell polarity component Vangl2. 2012 , 287, 44518-25		90
228	Functional interactions between Fat family cadherins in tissue morphogenesis and planar polarity. <i>Development (Cambridge)</i> , 2012 , 139, 1806-20	6.6	81
227	The Wnt receptor Ryk plays a role in mammalian planar cell polarity signaling. 2012 , 287, 29312-23		71
226	The Dishevelled-associating protein Daple controls the non-canonical Wnt/Rac pathway and cell motility. 2012 , 3, 859		62
225	Wnt/PCP proteins regulate stereotyped axon branch extension in Drosophila. <i>Development (Cambridge)</i> , 2012 , 139, 165-77	6.6	34
224	The tangled web of non-canonical Wnt signalling in neural migration. 2012 , 20, 202-20		53

223	Crosstalk Between DNA and Histones: TetB New Role in Embryonic Stem Cells. 2012 , 13, 603-8		14
222	Targeting the wingless signaling pathway with natural compounds as chemopreventive or chemotherapeutic agents. 2012 , 13, 245-54		41
221	Planar cell polarity signaling in collective cell movements during morphogenesis and disease. 2012 , 13, 609-22		35
220	A dual function for canonical Wnt/ β -catenin signaling in the developing mammalian cochlea. <i>Development (Cambridge)</i> , 2012 , 139, 4395-404	6.6	107
219	Evolution of sound and balance perception: innovations that aggregate single hair cells into the ear and transform a gravistatic sensor into the organ of corti. 2012 , 295, 1760-74		31
218	A consideration of the evidence that genetic defects in planar cell polarity contribute to the etiology of human neural tube defects. 2012 , 94, 824-40		116
217	Wnt5a can both activate and repress Wnt/ β -catenin signaling during mouse embryonic development. <i>Developmental Biology</i> , 2012 , 369, 101-14	3.1	141
216	Disheveled mediated planar cell polarity signaling is required in the second heart field lineage for outflow tract morphogenesis. <i>Developmental Biology</i> , 2012 , 370, 135-44	3.1	57
215	Alternative Wnt pathways and receptors. 2012 , 4,		131
214	Frizzled 2 and frizzled 7 function redundantly in convergent extension and closure of the ventricular septum and palate: evidence for a network of interacting genes. <i>Development (Cambridge)</i> , 2012 , 139, 4383-94	6.6	99
213	Wnt signaling in development and disease. 2012 , 2, 14		90
212	A conserved function for Strabismus in establishing planar cell polarity in the ciliated ectoderm during cnidarian larval development. <i>Development (Cambridge)</i> , 2012 , 139, 4374-82	6.6	36
211	Analysis of Wnt/planar cell polarity pathway in cultured cells. <i>Methods in Molecular Biology</i> , 2012 , 839, 201-14	1.4	11
210	Planar cell polarity and the developmental control of cell behavior in vertebrate embryos. 2012 , 28, 627-53		191
209	Planar cell polarity in the inner ear. 2012 , 101, 111-40		35
208	Wnt signaling in myogenesis. 2012 , 22, 602-9		226
207	Wnt regulation of planar cell polarity (PCP). 2012 , 101, 263-95		75
206	Planar Cell Polarity. <i>Methods in Molecular Biology</i> , 2012 ,	1.4	1

205	Sensing in Nature. <i>Advances in Experimental Medicine and Biology</i> , 2012 ,	3.6	6
204	Wnt and Notch: Potent Regulators of Cardiomyocyte Specification, Proliferation, and Differentiation. 2012 , 447-456		1
203	Comparison of phenotypes between different vangl2 mutants demonstrates dominant effects of the Looptail mutation during hair cell development. <i>PLoS ONE</i> , 2012 , 7, e31988	3.7	86
202	Planar cell polarity signaling: coordination of cellular orientation across tissues. 2012 , 1, 479-99		75
201	Atoh1 directs the formation of sensory mosaics and induces cell proliferation in the postnatal mammalian cochlea in vivo. 2012 , 32, 6699-710		165
200	Signaling in cell differentiation and morphogenesis. 2012 , 4,		83
199	Wnt signaling in mammalian development: lessons from mouse genetics. 2012 , 4,		77
198	Patterning skin by planar cell polarity: the multi-talented hair designer. 2012 , 21, 81-5		14
197	Wnt5a: its signalling, functions and implication in diseases. 2012 , 204, 17-33		219
196	Separate and distinctive roles for Wnt5a in tongue, lingual tissue and taste papilla development. <i>Developmental Biology</i> , 2012 , 361, 39-56	3.1	16
195	The roles of the cadherins Fat and Dachshous in planar polarity specification in Drosophila. 2012 , 241, 27-39		80
194	Wnt signalling in testicular descent: a candidate mechanism for cryptorchidism in Robinow syndrome. 2013 , 48, 1573-7		12
193	Regulation of PCP by the Fat signaling pathway. 2013 , 27, 2207-20		104
192	Testin interacts with vangl2 genetically to regulate inner ear sensory cell orientation and the normal development of the female reproductive tract in mice. 2013 , 242, 1454-65		13
191	Roles of Wnt signals in bone resorption during physiological and pathological states. 2013 , 91, 15-23		75
190	Planar cell polarity in vertebrate limb morphogenesis. 2013 , 23, 438-44		27
189	New insights into the pathogenesis of bladder exstrophy-epispadias complex. 2013 , 9, 996-1005		15
188	A balance of form and function: planar polarity and development of the vestibular maculae. 2013 , 24, 490-8		45

187	Wnt signaling during cochlear development. 2013 , 24, 480-9		49
186	Syndecan 4 interacts genetically with Vangl2 to regulate neural tube closure and planar cell polarity. <i>Development (Cambridge)</i> , 2013 , 140, 3008-17	6.6	31
185	The involvement of RhoA and Wnt-5a in the tumorigenesis and progression of ovarian epithelial carcinoma. 2013 , 14, 24187-99		30
184	The Wilms tumor gene, Wt1, is critical for mouse spermatogenesis via regulation of sertoli cell polarity and is associated with non-obstructive azoospermia in humans. 2013 , 9, e1003645		81
183	Planar cell polarity pathway regulates nephrin endocytosis in developing podocytes. 2013 , 288, 24035-48		33
182	Mouse Hoxa2 mutations provide a model for microtia and auricle duplication. <i>Development (Cambridge)</i> , 2013 , 140, 4386-97	6.6	44
181	Activation of Wnt5a-Ror2 signaling associated with epithelial-to-mesenchymal transition of tubular epithelial cells during renal fibrosis. 2013 , 18, 608-19		31
180	Postnatal refinement of auditory hair cell planar polarity deficits occurs in the absence of Vangl2. 2013 , 33, 14001-16		54
179	Origin and Development of Hair Cell Orientation in the Inner Ear. 2013 , 69-109		3
178	WNT5A encodes two isoforms with distinct functions in cancers. <i>PLoS ONE</i> , 2013 , 8, e80526	3.7	38
177	Non-canonical Wnt5a/Ror2 signaling regulates kidney morphogenesis by controlling intermediate mesoderm extension. 2014 , 23, 6807-14		37
176	The cell biology of planar cell polarity. <i>Journal of Cell Biology</i> , 2014 , 207, 171-9	7.3	197
175	Wnt5a is necessary for normal kidney development in zebrafish and mice. 2014 , 128, 80-8		16
174	Evolution and development of hair cell polarity and efferent function in the inner ear. 2014 , 83, 150-61		37
173	The roles of Wnt5a, JNK and paxillin in the occurrence of metastasis of pancreatic adenocarcinoma. 2014 , 19, 1011-9		13
172	The Wnt/planar cell polarity signaling pathway contributes to the integrity of tight junctions in brain endothelial cells. 2014 , 34, 433-40		57
171	Molecular Mechanisms of Wnt Pathway Specificity. 2014 , 101-112		
170	Wnt Signaling in Early Vertebrate Development. 2014 , 251-266		2

169	Ankrd6 is a mammalian functional homolog of Drosophila planar cell polarity gene diego and regulates coordinated cellular orientation in the mouse inner ear. <i>Developmental Biology</i> , 2014 , 395, 62-72	3.1	22
168	Null and hypomorph Prickle1 alleles in mice phenocopy human Robinow syndrome and disrupt signaling downstream of Wnt5a. 2014 , 3, 861-70		33
167	ECatenin is required for hair-cell differentiation in the cochlea. 2014 , 34, 6470-9		75
166	Insight into planar cell polarity. 2014 , 328, 284-95		36
165	Canonical Wnt signaling regulates the proliferative expansion and differentiation of fibrocytes in the murine inner ear. <i>Developmental Biology</i> , 2014 , 391, 54-65	3.1	19
164	Hematopoietic stem cell aging. 2014 , 29, 86-92		46
163	Functional characterization of Prickle2 and BBS7 identify overlapping phenotypes yet distinct mechanisms. <i>Developmental Biology</i> , 2014 , 392, 245-55	3.1	10
162	Wnt Signaling in Melanoma. 2014 , 369-378		
161	MicroRNA-124 Regulates Cell Specification in the Cochlea through Modulation of Sfrp4/5. 2015 , 13, 31-42		15
160	Making sense of Wnt signaling-linking hair cell regeneration to development. 2015 , 9, 66		45
159	The ROR2 tyrosine kinase receptor regulates dendritic spine morphogenesis in hippocampal neurons. 2015 , 67, 22-30		10
158	Spatial and temporal aspects of Wnt signaling and planar cell polarity during vertebrate embryonic development. 2015 , 42, 78-85		73
157	Role of the planar cell polarity pathway in regulating ectopic hair cell-like cells induced by Math1 and testosterone treatment. 2015 , 1615, 22-30		3
156	Shroom3 functions downstream of planar cell polarity to regulate myosin II distribution and cellular organization during neural tube closure. 2015 , 4, 186-96		48
155	Wnt-Frizzled/planar cell polarity signaling: cellular orientation by facing the wind (Wnt). 2015 , 31, 623-46		211
154	Functional Crosstalk Between WNT Signaling and Tyrosine Kinase Signaling in Cancer. 2015 , 42, 820-31		16
153	Insight into the role of Wnt5a-induced signaling in normal and cancer cells. 2015 , 314, 117-48		64
152	Hearing molecules, mechanism and transportation: modeled in Drosophila melanogaster. 2015 , 75, 109-30		13

151	Protein expression profiling in head fragments during planarian regeneration after amputation. 2015 , 225, 79-93		4
150	The Meckel-Gruber syndrome protein TMEM67 controls basal body positioning and epithelial branching morphogenesis in mice via the non-canonical Wnt pathway. 2015 , 8, 527-41		28
149	The regulation of osteoclast differentiation by Wnt signals. 2015 , 4, 713		33
148	Gene Expression by Mouse Inner Ear Hair Cells during Development. 2015 , 35, 6366-80		199
147	Loss of Wnt5a disrupts second heart field cell deployment and may contribute to OFT malformations in DiGeorge syndrome. 2015 , 24, 1704-16		35
146	Neural Tube Defects. 2015 , 697-721		1
145	Current concepts of hair cell differentiation and planar cell polarity in inner ear sensory organs. <i>Cell and Tissue Research</i> , 2015 , 361, 25-32	4.2	6
144	Sensory hair cell development and regeneration: similarities and differences. <i>Development (Cambridge)</i> , 2015 , 142, 1561-71	6.6	82
143	Wnt5a and Wnt11 regulate mammalian anterior-posterior axis elongation. <i>Development (Cambridge)</i> , 2015 , 142, 1516-27	6.6	46
142	Congenital Short Bowel Syndrome: from clinical and genetic diagnosis to the molecular mechanisms involved in intestinal elongation. 2015 , 1852, 2352-61		25
141	The Wnt and Notch signalling pathways in the developing cochlea: Formation of hair cells and induction of regenerative potential. 2015 , 47, 247-58		36
140	Planar polarization of Vangl2 in the vertebrate neural plate is controlled by Wnt and Myosin II signaling. 2015 , 4, 722-30		54
139	Mechanical strain determines the axis of planar polarity in ciliated epithelia. 2015 , 25, 2774-2784		77
138	The ROR Receptor Family. 2015 , 593-640		2
137	LGR4 and LGR5 Regulate Hair Cell Differentiation in the Sensory Epithelium of the Developing Mouse Cochlea. 2016 , 10, 186		14
136	Wnt5a Signaling in Cancer. 2016 , 8,		129
135	Comprehensive Expression of Wnt Signaling Pathway Genes during Development and Maturation of the Mouse Cochlea. <i>PLoS ONE</i> , 2016 , 11, e0148339	3.7	27
134	Wnt pathway regulation of intestinal stem cells. 2016 , 594, 4837-47		65

133	Generation of intestinal surface: an absorbing tale. <i>Development (Cambridge)</i> , 2016 , 143, 2261-72	6.6	69
132	Co-regulation of the Notch and Wnt signaling pathways promotes supporting cell proliferation and hair cell regeneration in mouse utricles. 2016 , 6, 29418		48
131	Regulation of Cell Polarity. 2016 , 199-207		
130	ROR1 is essential for proper innervation of auditory hair cells and hearing in humans and mice. 2016 , 113, 5993-8		28
129	Genetic Correction of Induced Pluripotent Stem Cells From a Deaf Patient With MYO7A Mutation Results in Morphologic and Functional Recovery of the Derived Hair Cell-Like Cells. 2016 , 5, 561-71		47
128	Generating Cellular Diversity and Spatial Form: Wnt Signaling and the Evolution of Multicellular Animals. 2016 , 38, 643-55		188
127	WNT5A and Its Receptors in the Bone-Cancer Dialogue. 2016 , 31, 1488-96		11
126	Upregulation of the expression of Wnt5a promotes the proliferation of pancreatic cancer cells in vitro and in a nude mouse model. 2016 , 13, 1163-71		21
125	Morphogenetic Mechanisms of Inner Ear Development. 2016 , 235-258		
124	Role of Wnt and Notch signaling in regulating hair cell regeneration in the cochlea. 2016 , 10, 237-49		37
123	Notch-Wnt-Bmp crosstalk regulates radial patterning in the mouse cochlea in a spatiotemporal manner. <i>Development (Cambridge)</i> , 2016 , 143, 4003-4015	6.6	41
122	Septin7 regulates inner ear formation at an early developmental stage. <i>Developmental Biology</i> , 2016 , 419, 217-228	3.1	4
121	Insights from imaging the implanting embryo and the uterine environment in three dimensions. <i>Development (Cambridge)</i> , 2016 , 143, 4749-4754	6.6	34
120	Wnt5a expression in canine osteosarcoma. 2016 , 14, 225-235		
119	MEKK4 Signaling Regulates Sensory Cell Development and Function in the Mouse Inner Ear. 2016 , 36, 1347-61		12
118	Abnormal epigenetic regulation of the gene expression levels of Wnt2b and Wnt7b: Implications for neural tube defects. 2016 , 13, 99-106		6
117	WNT-5A: signaling and functions in health and disease. 2016 , 73, 567-87		97
116	Planar cell polarity in moving cells: think globally, act locally. <i>Development (Cambridge)</i> , 2017 , 144, 187-200		60

115	A novel role of the organizer gene Goosecoid as an inhibitor of Wnt/PCP-mediated convergent extension in <i>Xenopus</i> and mouse. 2017 , 7, 43010		11
114	Morphogenesis and maturation of the embryonic and postnatal intestine. 2017 , 66, 81-93		90
113	Establishment of planar cell polarity is coupled to regional cell cycle exit and cell differentiation in the mouse utricle. 2017 , 7, 43021		6
112	Bimodal regulation of Dishevelled function by Vangl2 during morphogenesis. 2017 , 26, 2053-2061		11
111	The development and functions of multiciliated epithelia. 2017 , 18, 423-436		177
110	PTK7 localization and protein stability is affected by canonical Wnt ligands. 2017 , 130, 1890-1903		15
109	Cilia distribution and polarity in the epithelial lining of the mouse middle ear cavity. 2017 , 7, 45870		15
108	A Wnt5 Activity Asymmetry and Intercellular Signaling via PCP Proteins Polarize Node Cells for Left-Right Symmetry Breaking. 2017 , 40, 439-452.e4		50
107	Expression of planar cell polarity genes during mouse tooth development. 2017 , 83, 85-91		6
106	High expression levels of Wnt5a and Ror2 in laryngeal squamous cell carcinoma are associated with poor prognosis. 2017 , 14, 2232-2238		14
105	Wnt5a and its signaling pathway in angiogenesis. 2017 , 471, 263-269		34
104	Wnt5a is associated with right ventricular dysfunction and adverse outcome in dilated cardiomyopathy. 2017 , 7, 3490		20
103	Role of Wnt5a in the Pathogenesis of Inflammatory Diseases. 2017 , 232, 1611-1616		51
102	Characterization of the Transcriptomes of Lgr5+ Hair Cell Progenitors and Lgr5- Supporting Cells in the Mouse Cochlea. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 122	6.1	30
101	Domineering non-autonomy in Vangl1;Vangl2 double mutants demonstrates intercellular PCP signaling in the vertebrate inner ear. <i>Developmental Biology</i> , 2018 , 437, 17-26	3.1	9
100	Coordinated directional outgrowth and pattern formation by integration of Wnt5a and Fgf signaling in planar cell polarity. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	28
99	Planar Cell Polarity Signaling in Mammalian Cardiac Morphogenesis. 2018 , 39, 1052-1062		9
98	WNT Signaling Perturbations Underlie the Genetic Heterogeneity of Robinow Syndrome. 2018 , 102, 27-43		61

97	Spatiotemporal coordination of cellular differentiation and tissue morphogenesis in organ of Corti development. 2018 , 51, 65-81	2
96	Common variants in DLG1 locus are associated with non-syndromic cleft lip with or without cleft palate. 2018 , 93, 784-793	20
95	Sonic hedgehog regulates the pathfinding of descending serotonergic axons in hindbrain in collaboration with Wnt5a and secreted frizzled-related protein 1. 2018 , 66, 24-32	3
94	Cellular and molecular mechanisms underlying planar cell polarity pathway contributions to cancer malignancy. 2018 , 81, 78-87	24
93	Anatomy and Physiology of Skeletal Tissue: The Bone Cells. 2018 , 1-23	1
92	The Role of Hippo Signaling in Intestinal Homeostasis. 2018 , 131-140	
91	An update of Wnt signalling in endometrial cancer and its potential as a therapeutic target. 2018 ,	24
90	Evolutionary and Developmental Biology Provide Insights Into the Regeneration of Organ of Corti Hair Cells. 2018 , 12, 252	22
89	Map7/7D1 and Dvl form a feedback loop that facilitates microtubule remodeling and Wnt5a signaling. 2018 , 19,	7
88	Convergence of Canonical and Non-Canonical Wnt Signal: Differential Kat3 Coactivator Usage. 2019 , 12, 167-183	9
87	Influence of WilmsTumor suppressor gene WT1 on bovine Sertoli cells polarity and tight junctions via non-canonical WNT signaling pathway. 2019 , 138, 84-93	10
86	Adaptor protein-3 complex is required for Vangl2 trafficking and planar cell polarity of the inner ear. 2019 , 30, 2422-2434	4
85	Planar cell polarity signaling regulates polarized second heart field morphogenesis to promote both arterial and venous pole septation. <i>Development (Cambridge)</i> , 2019 , 146,	6.6 5
84	and Cooperate with to Direct Cochlear Innervation by Type II Spiral Ganglion Neurons. 2019 , 39, 8013-8023	14
83	PCP and Wnt pathway components act in parallel during zebrafish mechanosensory hair cell orientation. 2019 , 10, 3993	21
82	Wnt/PCP Signaling Contribution to Carcinoma Collective Cell Migration and Metastasis. 2019 , 79, 1719-1729	43
81	In vitro culture of mammalian inner ear hair cells. 2019 , 20, 170-179	0
80	Stromal control of intestinal development and the stem cell niche. 2019 , 108, 8-16	14

79	Development and Patterning of the Cochlea: From Convergent Extension to Planar Polarity. 2020 , 10,		29
78	The acquisition of positional information across the radial axis of the cochlea. 2020 , 249, 281-297		6
77	WNT5a Regulates Epithelial Morphogenesis in the Developing Choroid Plexus. 2020 , 30, 3617-3631		8
76	Upregulation of Prickle2 Ameliorates Alzheimer β Disease-Like Pathology in a Transgenic Mouse Model of Alzheimer β Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 565020	5.7	2
75	A genome-wide association analysis for body, udder, and leg conformation traits recorded in Murciano-Granadina goats. 2020 , 103, 11605-11617		1
74	WNT Signaling in Melanoma. 2020 , 21,		48
73	Genetics and signaling mechanisms of orofacial clefts. 2020 , 112, 1588-1634		13
72	is important for mammalian neural tube closure via its role in canonical and non-canonical WNT signaling. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	4
71	The Planar Polarity Component VANGL2 Is a Key Regulator of Mechanosignaling. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 577201	5.7	1
70	Wnt5A Signaling Antagonizes Leishmania donovani Infection. 2020 ,		
69	Dual regulation of planar polarization by secreted Wnts and Vangl2 in the developing mouse cochlea. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	8
68	Frizzled related protein deficiency impairs muscle strength, gait and calpain 3 levels. 2020 , 15, 119		1
67	Development of the cochlea. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	24
66	Single-Cell RNA Analysis of Type I Spiral Ganglion Neurons Reveals a Population in the Cochlea. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 83	6.1	7
65	WilmsTumour 1 (WT1) negatively regulates the expression of connexin 43 via a non-canonical Wnt signalling pathway in cultured bovine Sertoli cells. 2020 , 32, 522-530		0
64	Non-canonical Wnt signalling regulates scarring in biliary disease via the planar cell polarity receptors. 2020 , 11, 445		15
63	Targeting the Wnt signaling pathway: the challenge of reducing scarring without affecting repair. 2020 , 29, 179-190		4
62	Placental defects lead to embryonic lethality in mice lacking the Formin and PCP proteins Daam1 and Daam2. <i>PLoS ONE</i> , 2020 , 15, e0232025	3.7	5

61	Animal Models of Human Birth Defects. <i>Advances in Experimental Medicine and Biology</i> , 2020 ,	3.6	4
60	Characterization of Lgr5+ progenitor cell transcriptomes in the apical and basal turns of the mouse cochlea. 2016 , 7, 41123-41141		28
59	Xenopus neural tube closure: A vertebrate model linking planar cell polarity to actomyosin contractions. 2021 , 145, 41-60		1
58	The Biological Significance and Implications of Planar Cell Polarity for Nephrology. 2021 , 12, 599529		0
57	Planar cell polarity pathway in kidney development, function and disease. 2021 , 17, 369-385		2
56	FoxL1 mesenchymal cells are a critical source of Wnt5a for midgut elongation during mouse embryonic intestinal development. 2021 , 165, 203662-203662		1
55	WNT5a in Colorectal Cancer: Research Progress and Challenges. 2021 , 13, 2483-2498		1
54	Retrograde ERK activation waves drive base-to-apex multicellular flow in murine cochlear duct morphogenesis. <i>ELife</i> , 2021 , 10,	8.9	9
53	Canonical Wnt Signaling Pathway on Polarity Formation of Utricle Hair Cells. 2021 , 2021, 9950533		0
52	Regulation of Wnt/PCP signaling through p97/VCP-KBTBD7-mediated Vangl ubiquitination and endoplasmic reticulum-associated degradation. 2021 , 7,		4
51	The Interplay between Nutrition, Innate Immunity, and the Commensal Microbiota in Adaptive Intestinal Morphogenesis. 2021 , 13,		5
50	The crosstalk between the Notch, Wnt, and SHH signaling pathways in regulating the proliferation and regeneration of sensory progenitor cells in the mouse cochlea. <i>Cell and Tissue Research</i> , 2021 , 386, 281-296	4.2	2
49	Stage-dependent function of Wnt5a during male external genitalia development. 2021 , 61, 212-219		2
48	Spatial and temporal expression of PORCN is highly dynamic in the developing mouse cochlea.		
47	Scribble mutation disrupts convergent extension and apical constriction during mammalian neural tube closure. <i>Developmental Biology</i> , 2021 , 478, 59-75	3.1	3
46	Spatial and temporal expression of PORCN is highly dynamic in the developing mouse cochlea. <i>Gene Expression Patterns</i> , 2021 , 42, 119214	1.5	1
45	7TM-Cadherins: developmental roles and future challenges. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 706, 14-36	3.6	14
44	Transforming the vestibular system one molecule at a time: the molecular and developmental basis of vertebrate auditory evolution. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 739, 173-86	3.6	16

43	The Molecular Convergence of Birdsong and Speech. 2013 , 109-184		1
42	Genetics of Wnt signaling during early mammalian development. <i>Methods in Molecular Biology</i> , 2008 , 468, 287-305	1.4	13
41	Mouse Models of Neural Tube Defects. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1236, 39-64	3.6	2
40	Noncanonical Wnt planar cell polarity signaling in lung development and disease. <i>Biochemical Society Transactions</i> , 2020 , 48, 231-243	5.1	15
39	Wnts regulate planar cell polarity via heterotrimeric G protein and PI3K signaling. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	12
38	Requirement for Dlg-1 in planar cell polarity and skeletogenesis during vertebrate development. <i>PLoS ONE</i> , 2013 , 8, e54410	3.7	21
37	Prickle1 regulates neurite outgrowth of apical spiral ganglion neurons but not hair cell polarity in the murine cochlea. <i>PLoS ONE</i> , 2017 , 12, e0183773	3.7	25
36	Osteoarthritis genetics: current status and future prospects. <i>Future Rheumatology</i> , 2007 , 2, 607-620		5
35	Wnt proteins can direct planar cell polarity in vertebrate ectoderm. <i>ELife</i> , 2016 , 5,	8.9	44
34	Transcription factor Emx2 controls stereociliary bundle orientation of sensory hair cells. <i>ELife</i> , 2017 , 6,	8.9	49
33	Vangl2. <i>The AFCS-nature Molecule Pages</i> ,		
32	Development of Vestibular Organ and Cochlea. <i>Korean Journal of Otorhinolaryngology-Head and Neck Surgery</i> , 2010 , 53, 265	0.2	
31	Functions of the Actin Cytoskeleton in the Early Embryology of the Nervous System. <i>Advances in Neurobiology</i> , 2011 , 115-138	2.1	
30	Mathematical Modeling of Planar Cell Polarity Signaling. <i>Springer Proceedings in Mathematics</i> , 2013 , 27-35		0
29	Planar Cell Polarity in the Cochlea. 2014 , 129-153		
28	Parallel control of mechanosensory hair cell orientation by the PCP and Wnt pathways.		1
27	An Overview of Potential Therapeutic Agents Targeting WNT/PCP Signaling. <i>Handbook of Experimental Pharmacology</i> , 2021 , 269, 175-213	3.2	1
26	Anatomy and Development of the Inner Ear. 2020 , 253-276		0

25	Vangl2 participates in the primary ciliary assembly under low fluid shear stress in hUVECs. <i>Cell and Tissue Research</i> , 2021 , 1	4.2	1
24	Interplay between medial nuclear stalling and lateral cellular flow underlies cochlear duct spiral morphogenesis.		1
23	Scribble mutation disrupts convergent extension and apical constriction during mammalian neural tube closure.		
22	The Drosophila RNA binding protein Nab2 patterns dendritic arbors and axons via the planar cell polarity pathway.		
21	Extracting multiple surfaces from 3D microscopy images in complex biological tissues with the Zellige software tool.		
20	Stalling interkinetic nuclear migration in curved pseudostratified epithelium of developing cochlea.. <i>Royal Society Open Science</i> , 2021 , 8, 211024	3.3	1
19	The Ror-Family Receptors in Development, Tissue Regeneration and Age-Related Disease.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 891763	5.7	4
18	Image_1.pdf. 2020 ,		
17	Data_Sheet_1.PDF. 2020 ,		
16	Video_1.MP4. 2020 ,		
15	Video_2.MP4. 2020 ,		
14	Data_Sheet_1.pdf. 2020 ,		
13	Table_1.XLSX. 2020 ,		
12	The Nab2 RNA binding protein patterns dendritic and axonal projections through a PCP-sensitive mechanism.. <i>G3: Genes, Genomes, Genetics</i> , 2022 ,	3.2	0
11	Rab11a Regulates the Development of Cilia and Establishment of Planar Cell Polarity in Mammalian Vestibular Hair Cells. <i>Frontiers in Molecular Neuroscience</i> , 2021 , 14, 762916	6.1	
10	Vangl as a Master Scaffold for Wnt/Planar Cell Polarity Signaling in Development and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10,	5.7	2
9	Alignment of cell long axis by unidirectional tension acts cooperatively with Wnt signalling to establish PCP.. <i>Development (Cambridge)</i> , 2022 ,	6.6	1
8	Extracting multiple surfaces from 3D microscopy images in complex biological tissues with the Zellige software tool. 2022 , 20,		

7	Single Cell Transcriptomics identifies a WNT7A-FZD5 Signaling Axis that maintains Fallopian Tube Stem Cells in Patient-derived Organoids.	
6	Advance in bone destruction participated by JAK/STAT in rheumatoid arthritis and therapeutic effect of JAK/STAT inhibitors. 2022 , 111, 109095	2
5	A systematic review of the monogenic causes of Non-Syndromic Hearing Loss (NSHL) and discussion of Current Diagnosis and Treatment options.	1
4	Overactive Wnt5a signaling disrupts hair follicle polarity during mouse skin development.	0
3	Wnt signaling in the phenotype and function of tumor-associated macrophages.	0
2	Wnt Signaling in the Development of Bone Metastasis. 2022 , 11, 3934	1
1	Senescent cells perturb intestinal stem cell differentiation through Ptk7 induced noncanonical Wnt and YAP signaling. 2023 , 14,	1