Carol A Wicking

List of Publications by Year
in descending order

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72 papers	6,595 citations	76326 40 h-index	95266 68 g-index
74 all docs	74 docs citations	74 times ranked	8207 citing authors

#	Article	IF	Citations
1	Rab23. , 2018, , 4362-4367.		0
2	Tmem2 Regulates Embryonic Vegf Signaling by Controlling Hyaluronic Acid Turnover. Developmental Cell, 2017, 40, 123-136.	7.0	63
3	Homozygous variant in C21orf2 in a case of Jeune syndrome with severe thoracic involvement: Extending the phenotypic spectrum. American Journal of Medical Genetics, Part A, 2017, 173, 1698-1704.	1.2	15
4	Mutations in DZIP1L, which encodes a ciliary-transition-zone protein, cause autosomal recessive polycystic kidney disease. Nature Genetics, 2017, 49, 1025-1034.	21.4	148
5	INPP5E regulates phosphoinositide-dependent cilia transition zone function. Journal of Cell Biology, 2017, 216, 247-263.	5.2	101
6	Hedgehog Signaling. , 2017, , 2002-2004.		0
7	Fryns Syndrome Associated with Recessive Mutations in PIGN in two Separate Families. Human Mutation, 2016, 37, 695-702.	2.5	43
8	Mutations in human C2CD3 cause skeletal dysplasia and provide new insights into phenotypic and cellular consequences of altered C2CD3 function. Scientific Reports, 2016, 6, 24083.	3.3	30
9	Unmasking the ciliopathies: craniofacial defects and the primary cilium. Wiley Interdisciplinary Reviews: Developmental Biology, 2015, 4, 637-653.	5.9	35
10	TCTEX1D2 mutations underlie Jeune asphyxiating thoracic dystrophy with impaired retrograde intraflagellar transport. Nature Communications, 2015, 6, 7074.	12.8	51
11	Primary cilia function regulates the length of the embryonic trunk axis and urogenital field in mice. Developmental Biology, 2014, 395, 342-354.	2.0	22
12	Attenuated sensing of SHH by Ptch1 underlies evolution of bovine limbs. Nature, 2014, 511, 46-51.	27.8	106
13	Short-Rib Polydactyly and Jeune Syndromes Are Caused by Mutations in WDR60. American Journal of Human Genetics, 2013, 93, 515-523.	6.2	116
14	Mutations in the Gene Encoding IFT Dynein Complex Component WDR34 Cause Jeune Asphyxiating Thoracic Dystrophy. American Journal of Human Genetics, 2013, 93, 932-944.	6.2	108
15	Essential Developmental, Genomic Stability, and Tumour Suppressor Functions of the Mouse Orthologue of hSSB1/NABP2. PLoS Genetics, 2013, 9, e1003298.	3.5	28
16	Patched1 is required in neural crest cells for the prevention of orofacial clefts. Human Molecular Genetics, 2013, 22, 5026-5035.	2.9	42
17	The IFT-A complex regulates Shh signaling through cilia structure and membrane protein trafficking. Journal of Cell Biology, 2012, 197, 789-800.	5.2	194
18	Mutations in mouse Ift144 model the craniofacial, limb and rib defects in skeletal ciliopathies. Human Molecular Genetics, 2012, 21, 1808-1823.	2.9	70

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19	A Genome-Wide Association Study Identifies Five Loci Influencing Facial Morphology in Europeans. PLoS Genetics, 2012, 8, e1002932.	3.5	274
20	Twist2 contributes to termination of limb bud outgrowth and patterning through direct regulation of Grem1. Developmental Biology, 2012, 370, 145-153.	2.0	14
21	Tmem26 Is Dynamically Expressed during Palate and Limb Development but Is Not Required for Embryonic Survival. PLoS ONE, 2011, 6, e25228.	2.5	6
22	Transmembrane protein 2 (Tmem2) is required to regionally restrict atrioventricular canal boundary and endocardial cushion development. Development (Cambridge), 2011, 138, 4193-4198.	2.5	48
23	Hedgehog Signaling. , 2011, , 1637-1638.		0
24	Embryos Direct the Traffic. Traffic, 2010, 11, 1263-1264.	2.7	0
25	The Molecular Regulation of Vertebrate Limb Patterning. Current Topics in Developmental Biology, 2010, 90, 319-341.	2.2	37
26	Inactivation of Patched1 in the Mouse Limb Has Novel Inhibitory Effects on the Chondrogenic Program. Journal of Biological Chemistry, 2010, 285, 27967-27981.	3.4	32
27	Inheritance of a novel mutated allele of the OCA2 gene associated with high incidence of oculocutaneous albinism in a Polynesian community. Journal of Human Genetics, 2010, 55, 103-111.	2.3	13
28	DNA elution from buccal cells stored on Whatman FTA Classic Cards using a modified methanol fixation method. BioTechniques, 2009, 46, 309-311.	1.8	22
29	Patched 1 is a crucial determinant of asymmetry and digit number in the vertebrate limb. Development (Cambridge), 2009, 136, 3515-3524.	2.5	51
30	The metalloendopeptidase gene Pitrm1 is regulated by hedgehog signaling in the developing mouse limb and is expressed in muscle progenitors. Developmental Dynamics, 2009, 238, 3175-3184.	1.8	16
31	Trafficking, development and hedgehog. Mechanisms of Development, 2009, 126, 279-288.	1.7	69
32	Expression of the NET family member Zfp503 is regulated by hedgehog and BMP signaling in the limb. Developmental Dynamics, 2008, 237, 1172-1182.	1.8	22
33	A genome-wide screen for modifiers of transgene variegation identifies genes with critical roles in development. Genome Biology, 2008, 9, R182.	9.6	97
34	Initiation and patterning of the snake dentition are dependent on Sonic Hedgehog signaling. Developmental Biology, 2008, 319, 132-145.	2.0	87
35	The coding region ofTP53INP2, a gene expressed in the developing nervous system, is not altered in a family with autosomal recessive non-progressive infantile ataxia on chromosome 20q11-q13. Developmental Dynamics, 2007, 236, 843-852.	1.8	13
36	Murine embryonic expression of the gene for the UV-responsive protein p15PAF. Gene Expression Patterns, 2007, 7, 47-50.	0.8	12

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37	Evolutionary conservation and murine embryonic expression of the gene encoding the SERTA domain-containing protein CDCA4 (HEPP). Gene, 2006, 374, 153-165.	2.2	15
38	Scube2 mediates Hedgehog signalling in the zebrafish embryo. Developmental Biology, 2006, 294, 104-118.	2.0	89
39	Identification and analysis of novel genes expressed in the mouse embryonic facial primordia. Frontiers in Bioscience - Landmark, 2006, 11, 2631.	3.0	8
40	The PCNA-associated factor KIAA0101/p15 binds the potential tumor suppressor product p33ING1b. Experimental Cell Research, 2006, 312, 73-85.	2.6	50
41	A Novel Hook-Related Protein Family and the Characterization of Hook-Related Protein 1. Traffic, 2005, 6, 442-458.	2.7	67
42	A Novel Mammalian Retromer Component, Vps26B. Traffic, 2005, 6, 991-1001.	2.7	76
43	Characterization of Rab23, a Negative Regulator of Sonic Hedgehog Signaling. Methods in Enzymology, 2005, 403, 759-777.	1.0	23
44	Pax9 and Jagged1 act downstream of Gli3 in vertebrate limb development. Mechanisms of Development, 2005, 122, 1218-1233.	1.7	89
45	HLS5, a Novel RBCC (Ring Finger, B Box, Coiled-coil) Family Member Isolated from a Hemopoietic Lineage Switch, Is a Candidate Tumor Suppressor. Journal of Biological Chemistry, 2004, 279, 8181-8189.	3.4	24
46	An in vivo comparative study of sonic, desert and Indian hedgehog reveals that hedgehog pathway activity regulates epidermal stem cell homeostasis. Development (Cambridge), 2004, 131, 5009-5019.	2.5	91
47	Krt6a-Cre Transgenic Mice Direct LoxP-Mediated Recombination to the Companion Cell Layer of the Hair Follicle and Following Induction by Retinoic Acid to the Interfollicular Epidermis. Journal of Investigative Dermatology, 2004, 122, 232-234.	0.7	8
48	Functional analysis inDrosophila indicates that the NBCCS/PTCH1 mutation G509V results in activation of smoothened through a dominant-negative mechanism. Developmental Dynamics, 2004, 229, 780-790.	1.8	24
49	Genomic screen for genes involved in mammalian craniofacial development. Genesis, 2003, 35, 73-87.	1.6	47
50	Patched 1 conditional null allele in mice. Genesis, 2003, 36, 158-161.	1.6	94
51	Rab23, a Negative Regulator of Hedgehog Signaling, Localizes to the Plasma Membrane and the Endocytic Pathway. Traffic, 2003, 4, 869-884.	2.7	141
52	Overexpression of Sonic Hedgehog suppresses embryonic hair follicle morphogenesis. Developmental Biology, 2003, 263, 203-215.	2.0	48
53	Novel genes regulated by Sonic Hedgehog in pluripotent mesenchymal cells. Oncogene, 2002, 21, 8196-8205.	5.9	108
54	The role of hedgehog signalling in tumorigenesis. Cancer Letters, 2001, 173, 1-7.	7.2	65

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55	Novel mutation in the ?7-dehydrocholesterol reductase gene in an Australian patient with Smith-Lemli-Opitz syndrome. American Journal of Medical Genetics Part A, 2001, 103, 344-347.	2.4	7
56	Sequence variants ofDLC1 in colorectal and ovarian tumours. Human Mutation, 2000, 15, 156-165.	2.5	29
57	The spectrum ofpatched mutations in a collection of Australian basal cell carcinomas. Human Mutation, 2000, 16, 43-48.	2.5	24
58	The hedgehog signalling pathway in tumorigenesis and development. Oncogene, 1999, 18, 7844-7851.	5.9	154
59	No evidence for the H133Y mutation in SONIC HEDGEHOG in a collection of common tumour types. Oncogene, 1998, 16, 1091-1093.	5.9	42
60	CDX2, a human homologue of Drosophila caudal, is mutated in both alleles in a replication error positive colorectal cancer. Oncogene, 1998, 17, 657-659.	5.9	105
61	The effects of splice site mutations in patients with naevoid basal cell carcinoma syndrome. Human Genetics, 1998, 102, 598-601.	3.8	23
62	Characterisation of human patched germ line mutations in naevoid basal cell carcinoma syndrome. Human Genetics, 1997, 100, 497-502.	3.8	88
63	Mapping the multiple self-healing squamous epithelioma (MSSE) gene and investigation of xeroderma pigmentosum group A (XPA) and PATCHED (PTCH) as candidate genes. Human Genetics, 1997, 101, 317-322.	3.8	45
64	De novo mutations of thepatched gene in nevoid basal cell carcinoma syndrome help to define the clinical phenotype. , 1997, 73, 304-307.		41
65	De novo mutations of the patched gene in nevoid basal cell carcinoma syndrome help to define the clinical phenotype. American Journal of Medical Genetics Part A, 1997, 73, 304-307.	2.4	2
66	Mutations of the Human Homolog of Drosophila patched in the Nevoid Basal Cell Carcinoma Syndrome. Cell, 1996, 85, 841-851.	28.9	2,150
67	A Mammalian patched Homolog Is Expressed in Target Tissues of sonic hedgehog and Maps to a Region Associated with Developmental Abnormalities. Journal of Biological Chemistry, 1996, 271, 12125-12128.	3.4	171
68	Murine Wnt-11 and Wnt-12 have temporally and spatially restricted expression patterns during embryonic development. Mechanisms of Development, 1995, 51, 341-350.	1.7	128
69	Nevoid basal cell carcinoma syndrome: Review of 118 affected individuals. American Journal of Medical Genetics Part A, 1994, 50, 282-290.	2.4	318
70	Fine Genetic Mapping of the Gene for Nevoid Basal Cell Carcinoma Syndrome. Genomics, 1994, 22, 505-511.	2.9	52
71	Cloning the mouse homolog of the human cystic fibrosis transmembrane conductance regulator gene. Genomics, 1991, 10, 301-307.	2.9	100
72	From linked marker to gene. Trends in Genetics, 1991, 7, 288-293.	6.7	63