Jarema Malicki

List of Publications by Year
in descending order

53 papers	3,872 citations	126907 33 h-index	197818 49 g-index
53 all docs	53 docs citations	53 times ranked	4196 citing authors

#	Article	IF	Citations
1	Identification of additional outer segment targeting signals in zebrafish rod opsin. Journal of Cell Science, 2021, 134, .	2.0	3
2	Apico-basal Polarity Determinants Encoded by crumbs Genes Affect Ciliary Shaft Protein Composition, IFT Movement Dynamics, and Cilia Length. Genetics, 2017, 207, 1041-1051.	2.9	9
3	The Cilium: Cellular Antenna and Central Processing Unit. Trends in Cell Biology, 2017, 27, 126-140.	7.9	320
4	Unexpected Roles for Ciliary Kinesins and Intraflagellar Transport Proteins. Genetics, 2016, 203, 771-785.	2.9	32
5	Analysis of the retina in the zebrafish model. Methods in Cell Biology, 2016, 134, 257-334.	1.1	25
6	Analysis of cilia structure and function in zebrafish. Methods in Cell Biology, 2016, 133, 179-227.	1.1	25
7	Loss of ift122, a Retrograde Intraflagellar Transport (IFT) Complex Component, Leads to Slow, Progressive Photoreceptor Degeneration Due to Inefficient Opsin Transport. Journal of Biological Chemistry, 2016, 291, 24465-24474.	3.4	29
8	From the cytoplasm into the cilium: Bon voyage. Organogenesis, 2014, 10, 138-157.	1.2	72
9	Prostaglandin signalling regulates ciliogenesis by modulating intraflagellar transport. Nature Cell Biology, 2014, 16, 841-851.	10.3	84
10	Cell Polarity in Differentiation and Patterning of Photoreceptors. , 2014, , 245-273.		0
11	The Role of Glypicans in Wnt Inhibitory Factor-1 Activity and the Structural Basis of Wif1's Effects on Wnt and Hedgehog Signaling. PLoS Genetics, 2012, 8, e1002503.	3.5	36
12	Who drives the ciliary highway?. Bioarchitecture, 2012, 2, 111-117.	1.5	12
13	Kinesin-2 family in vertebrate ciliogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2388-2393.	7.1	74
14	Kinesin-2 family motors in the unusual photoreceptor cilium. Vision Research, 2012, 75, 33-36.	1.4	20
15	Analysis of Cilia Structure and Function in Zebrafish. Methods in Cell Biology, 2011, 101, 39-74.	1.1	55
16	Nephrocystins and MKS proteins interact with IFT particle and facilitate transport of selected ciliary cargos. EMBO Journal, 2011, 30, 2532-2544.	7.8	91
17	Genetic defects of GDF6 in the zebrafish out of sight mutant and in human eye developmental anomalies. BMC Genetics, 2010, 11, 102.	2.7	41
18	A Male with Unilateral Microphthalmia Reveals a Role for TMX3 in Eye Development. PLoS ONE, 2010, 5, e10565.	2.5	34

#	Article	IF	Citations
19	The Role of<i>crumbs</i>Genes in the Vertebrate Cornea. , 2010, 51, 4549.		13
20	Analysis of the Retina in the Zebrafish Model. Methods in Cell Biology, 2010, 100, 153-204.	1.1	55
21	The Apical Complex Couples Cell Fate and Cell Survival to Cerebral Cortical Development. Neuron, 2010, 66, 69-84.	8.1	97
22	<i>CRB1</i>Gene Mutations Are Associated with Keratoconus in Patients with Leber Congenital Amaurosis. , 2009, 50, 3185.		44
23	Zebrafish<i>ale oko</i>, an essential determinant of sensory neuron survival and the polarity of retinal radial glia, encodes the p50 subunit of dynactin. Development (Cambridge), 2009, 136, 2955-2964.	2.5	22
24	What drives cell morphogenesis: A look inside the vertebrate photoreceptor. Developmental Dynamics, 2009, 238, 2115-2138.	1.8	72
25	Small molecule screen for compounds that affect vascular development in the zebrafish retina. Mechanisms of Development, 2009, 126, 464-477.	1.7	103
26	An Automated Method for Cell Detection in Zebrafish. Neuroinformatics, 2008, 6, 5-21.	2.8	35
27	Spatiotemporal features of neurogenesis in the retina of medaka, <i>Oryzias latipes</i>. Developmental Dynamics, 2008, 237, 3870-3881.	1.8	30
28	elipsa is an early determinant of ciliogenesis that links the IFT particle to membrane-associated small GTPase Rab8. Nature Cell Biology, 2008, 10, 437-444.	10.3	203
29	Drosophila<i>asterless</i>and Vertebrate Cep152 Are Orthologs Essential for Centriole Duplication. Genetics, 2008, 180, 2081-2094.	2.9	147
30	Mechanism of positioning the cell nucleus in vertebrate photoreceptors. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14819-14824.	7.1	81
31	Genetic defects of pronephric cilia in zebrafish. Mechanisms of Development, 2007, 124, 605-616.	1.7	57
32	A screen for genetic defects of the zebrafish ear. Mechanisms of Development, 2007, 124, 592-604.	1.7	27
33	Detection of blob objects in microscopic zebrafish images based on gradient vector diffusion. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2007, 71A, 835-845.	1.5	27
34	The Zebrafish Cornea: Structure and Development. , 2006, 47, 4341.		79
35	Reverse genetic analysis of neurogenesis in the zebrafish retina. Developmental Biology, 2006, 293, 330-347.	2.0	49
36	oko meduzy and Related crumbs Genes Are Determinants of Apical Cell Features in the Vertebrate Embryo. Current Biology, 2006, 16, 945-957.	3.9	157

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37	Mutations that affect the survival of selected amacrine cell subpopulations define a new class of genetic defects in the vertebrate retina. Developmental Biology, 2005, 285, 138-155.	2.0	23
38	Cell fate decisions and patterning in the vertebrate retina: the importance of timing, asymmetry, polarity and waves. Current Opinion in Neurobiology, 2004, 14, 15-21.	4.2	60
39	Retinal pattern and the genetic basis of its formation in zebrafish. Seminars in Cell and Developmental Biology, 2004, 15, 105-114.	5.0	40
40	Intraflagellar Transport Genes Are Essential for Differentiation and Survival of Vertebrate Sensory Neurons. Neuron, 2004, 42, 703-716.	8.1	256
41	Zebrafish N-cadherin, encoded by the glass onion locus, plays an essential role in retinal patterning. Developmental Biology, 2003, 259, 95-108.	2.0	120
42	Forward and reverse genetic approaches to the analysis of eye development in zebrafish. Vision Research, 2002, 42, 527-533.	1.4	34
43	Genetic analysis of photoreceptor cell development in the zebrafish retina. Mechanisms of Development, 2002, 110, 125-138.	1.7	73
44	Analysis of gene function in the zebrafish retina. Methods, 2002, 28, 427-438.	3.8	35
45	High-throughput behavioral screening method for detecting auditory response defects in zebrafish. Journal of Neuroscience Methods, 2002, 118, 177-187.	2.5	105
46	nagie oko, encoding a MAGUK-family protein, is essential for cellular patterning of the retina. Nature Genetics, 2002, 31, 150-157.	21.4	171
47	Mutation of the Zebrafish glass onion Locus Causes Early Cell-Nonautonomous Loss of Neuroepithelial Integrity Followed by Severe Neuronal Patterning Defects in the Retina. Developmental Biology, 2001, 234, 454-469.	2.0	75
48	Morphology and cell type heterogeneities of the inner ear epithelia in adult and juvenile zebrafish (Danio rerio). Journal of Comparative Neurology, 2001, 438, 173-190.	1.6	91
49	Harnessing the power of forward genetics â€" analysis of neuronal diversity and patterning in the zebrafish retina. Trends in Neurosciences, 2000, 23, 531-541.	8.6	68
50	Functional Interactions of Genes Mediating Convergent Extension,knypekandtrilobite,during the Partitioning of the Eye Primordium in Zebrafish. Developmental Biology, 1998, 203, 382-399.	2.0	128
51	Functional analysis of the mouse homeobox gene HoxB9 in Drosophila development. Mechanisms of Development, 1993, 42, 139-150.	1.7	29
52	A human HOX4B regulatory element provides head-specific expression in Drosophila embryos. Nature, 1992, 358, 345-347.	27.8	104
53	Mouse Hox-2.2 specifies thoracic segmental identity in Drosophila embryos and larvae. Cell, 1990, 63, 961-967.	28.9	200