Monte Westerfield

List of Publications by Year
in descending order

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50 papers	6,220 citations	172457 29 h-index	214800 47 g-index
55 all docs	55 docs citations	55 times ranked	8308 citing authors

#	Article	IF	Citations
1	Zebrafish information network, the knowledgebase for Danio rerio research. Genetics, 2022, 220, .	2.9	89
2	Multiomic atlas with functional stratification and developmental dynamics of zebrafish cis-regulatory elements. Nature Genetics, 2022, 54, 1037-1050.	21.4	26
3	Model organisms contribute to diagnosis and discovery in the undiagnosed diseases network: current state and a future vision. Orphanet Journal of Rare Diseases, 2021, 16, 206.	2.7	53
4	Heterozygous loss-of-function variants significantly expand the phenotypes associated with loss of GDF11. Genetics in Medicine, 2021, 23, 1889-1900.	2.4	13
5	COPB2 loss of function causes a coatopathy with osteoporosis and developmental delay. American Journal of Human Genetics, 2021, 108, 1710-1724.	6.2	18
6	The Zebrafish Information Network: major gene page and home page updates. Nucleic Acids Research, 2021, 49, D1058-D1064.	14.5	19
7	The Gene Ontology resource: enriching a GOld mine. Nucleic Acids Research, 2021, 49, D325-D334.	14.5	2,416
8	A fish with no sex: gonadal and adrenal functions partition between zebrafishNR5A1co-orthologs. Genetics, 2021, 217, .	2.9	6
9	Alliance of Genome Resources Portal: unified model organism research platform. Nucleic Acids Research, 2020, 48, D650-D658.	14.5	145
10	BICRA, a SWI/SNF Complex Member, Is Associated with BAF-Disorder Related Phenotypes in Humans and Model Organisms. American Journal of Human Genetics, 2020, 107, 1096-1112.	6.2	32
11	yippee like 3Â(ypel3) is a novel gene required for myelinating and perineurial glia development. PLoS Genetics, 2020, 16, e1008841.	3.5	11
12	Bi-allelic Variants in TONSL Cause SPONASTRIME Dysplasia and a Spectrum of Skeletal Dysplasia Phenotypes. American Journal of Human Genetics, 2019, 104, 422-438.	6.2	27
13	The Zebrafish Information Network: new support for non-coding genes, richer Gene Ontology annotations and the Alliance of Genome Resources. Nucleic Acids Research, 2019, 47, D867-D873.	14.5	121
14	Cog4 is required for protrusion and extension of the epithelium in the developing semicircular canals. Mechanisms of Development, 2019, 155, 1-7.	1.7	8
15	A Recurrent De Novo Heterozygous COG4 Substitution Leads to Saul-Wilson Syndrome, Disrupted Vesicular Trafficking, and Altered Proteoglycan Glycosylation. American Journal of Human Genetics, 2018, 103, 553-567.	6.2	58
16	Grxcr1 Promotes Hair Bundle Development by Destabilizing the Physical Interaction between Harmonin and Sans Usher Syndrome Proteins. Cell Reports, 2018, 25, 1281-1291.e4.	6.4	11
17	Usherin defects lead to early-onset retinal dysfunction in zebrafish. Experimental Eye Research, 2018, 173, 148-159.	2.6	53
18	The Zebrafish Model Organism Database: new support for human disease models, mutation details, gene expression phenotypes and searching. Nucleic Acids Research, 2017, 45, D758-D768.	14.5	71

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19	Zebrafish Models of Human Disease: Gaining Insight into Human Disease at ZFIN. ILAR Journal, 2017, 58, 4-16.	1.8	117
20	Model Organisms Facilitate Rare Disease Diagnosis and Therapeutic Research. Genetics, 2017, 207, 9-27.	2.9	165
21	Phenoscape: Identifying Candidate Genes for Evolutionary Phenotypes. Molecular Biology and Evolution, 2016, 33, 13-24.	8.9	37
22	Ubr3, a Novel Modulator of Hh Signaling Affects the Degradation of Costal-2 and Kif7 through Poly-ubiquitination. PLoS Genetics, 2016, 12, e1006054.	3.5	17
23	Model organism databases. Genesis, 2015, 53, 449-449.	1.6	4
24	Non-manifesting AHI1 truncations indicate localized loss-of-function tolerance in a severe Mendelian disease gene. Human Molecular Genetics, 2015, 24, 2594-2603.	2.9	32
25	Zebrafish models in translational research: tipping the scales toward advancements in human health. DMM Disease Models and Mechanisms, 2014, 7, 739-743.	2.4	158
26	The zebrafish anatomy and stage ontologies: representing the anatomy and development of Danio rerio. Journal of Biomedical Semantics, 2014, 5, 12.	1.6	53
27	Usher protein complexes preassemble at the endoplasmic reticulum and are required for trafficking and ER homeostasis. DMM Disease Models and Mechanisms, 2014, 7, 547-59.	2.4	75
28	Construction and accessibility of a cross-species phenotype ontology along with gene annotations for biomedical research. F1000Research, 2013, 2, 30.	1.6	72
29	Construction and accessibility of a cross-species phenotype ontology along with gene annotations for biomedical research. F1000Research, 2013, 2, 30.	1.6	64
30	An exploration of functional domains in the zebrafish ortholog of human Usher syndrome gene USH2A. FASEB Journal, 2013, 27, 573.1.	0.5	0
31	Data Extraction, Transformation, and Dissemination through ZFIN. Methods in Cell Biology, 2011, 104, 311-325.	1.1	4
32	Zebrafish sp7:EGFP: A transgenic for studying otic vesicle formation, skeletogenesis, and bone regeneration. Genesis, 2010, 48, spcone-spcone.	1.6	0
33	The Teleost Taxonomy Ontology. Nature Precedings, 2010, , .	0.1	4
34	Phenex: Ontological Annotation of Phenotypic Diversity. Nature Precedings, 2010, , .	0.1	3
35	Phenex: Ontological Annotation of Phenotypic Diversity. Nature Precedings, 2009, , .	0.1	0
36	Linking Human Diseases to Animal Models Using Ontology-Based Phenotype Annotation. PLoS Biology, 2009, 7, e1000247.	5.6	247

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37	Whole-body cortisol response of zebrafish to acute net handling stress. Aquaculture, 2009, 297, 157-162.	3.5	199
38	Smarcd3 Regulates the Timing of Zebrafish Myogenesis Onset. Journal of Biological Chemistry, 2008, 283, 3529-3536.	3.4	22
39	The Zebrafish Information Network: the zebrafish model organism database provides expanded support for genotypes and phenotypes. Nucleic Acids Research, 2007, 36, D768-D772.	14.5	137
40	A zebrafishsox9gene required for cartilage morphogenesis. Development (Cambridge), 2002, 129, 5065-5079.	2.5	252
41	Four Resource Centers for Fishes: Specifies, Stocks, and Services. Marine Biotechnology, 2001, 3, S239-S248.	2.4	7
42	Zebrafishsmoothenedfunctions in ventral neural tube specification and axon tract formation. Development (Cambridge), 2001, 128, 3497-3509.	2.5	243
43	Secondary motoneuron axons localize DM-GRASP on their fasciculated segments. Journal of Comparative Neurology, 1999, 406, 415-424.	1.6	121
44	A small population of anterior cells patterns the forebrain during zebrafish gastrulation. Nature, 1998, 391, 788-792.	27.8	210
45	An Altered Intron Inhibits Synthesis of the Acetylcholine Receptor Î±-Subunit in the Paralyzed Zebrafish Mutant nic1. Genetics, 1998, 148, 361-372.	2.9	54
46	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.	5.2	200
47	Early expression of acetylcholinesterase activity in functionally distinct neurons of the zebrafish. Journal of Comparative Neurology, 1989, 284, 350-361.	1.6	111
48	Pathway selection by growth cones of identified motoneurones in live zebra fish embryos. Nature, 1986, 320, 269-271.	27.8	324
49	The formation of appropriate central and peripheral connexions by foreign sensory neurones of the bullfrog. Journal of Physiology, 1982, 324, 495-505.	2.9	54
50	Synaptic organization of sensory and motor neurones innervating triceps brachii muscles in the bullfrog. Journal of Physiology, 1982, 324, 479-494.	2.9	54