Monte Westerfield

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7749557/publications.pdf

Version: 2024-02-01

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	The Gene Ontology resource: enriching a GOld mine. Nucleic Acids Research, 2021, 49, D325-D334.	14.5	2,416
2	Pathway selection by growth cones of identified motoneurones in live zebra fish embryos. Nature, 1986, 320, 269-271.	27.8	324
3	A zebrafishsox9gene required for cartilage morphogenesis. Development (Cambridge), 2002, 129, 5065-5079.	2.5	252
4	Linking Human Diseases to Animal Models Using Ontology-Based Phenotype Annotation. PLoS Biology, 2009, 7, e1000247.	5.6	247
5	Zebrafishsmoothenedfunctions in ventral neural tube specification and axon tract formation. Development (Cambridge), 2001, 128, 3497-3509.	2.5	243
6	A small population of anterior cells patterns the forebrain during zebrafish gastrulation. Nature, 1998, 391, 788-792.	27.8	210
7	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
8	Whole-body cortisol response of zebrafish to acute net handling stress. Aquaculture, 2009, 297, 157-162.	3.5	199
9	Model Organisms Facilitate Rare Disease Diagnosis and Therapeutic Research. Genetics, 2017, 207, 9-27.	2.9	165
10	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
11	Alliance of Genome Resources Portal: unified model organism research platform. Nucleic Acids Research, 2020, 48, D650-D658.	14.5	145
12	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
13	Secondary motoneuron axons localize DM-GRASP on their fasciculated segments. Journal of Comparative Neurology, 1999, 406, 415-424.	1.6	121
14	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
15	Zebrafish Models of Human Disease: Gaining Insight into Human Disease at ZFIN. ILAR Journal, 2017, 58, 4-16.	1.8	117
16	Early expression of acetylcholinesterase activity in functionally distinct neurons of the zebrafish. Journal of Comparative Neurology, 1989, 284, 350-361.	1.6	111
17	Zebrafish information network, the knowledgebase for Danio rerio research. Genetics, 2022, 220, .	2.9	89
18	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

#	Article	IF	Citations
19	Construction and accessibility of a cross-species phenotype ontology along with gene annotations for biomedical research. F1000Research, 2013, 2, 30.	1.6	72
20	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
21	Construction and accessibility of a cross-species phenotype ontology along with gene annotations for biomedical research. F1000Research, 2013, 2, 30.	1.6	64
22	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
23	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
24	Synaptic organization of sensory and motor neurones innervating triceps brachii muscles in the bullfrog. Journal of Physiology, 1982, 324, 479-494.	2.9	54
25	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
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	Usherin defects lead to early-onset retinal dysfunction in zebrafish. Experimental Eye Research, 2018, 173, 148-159.	2.6	53
28	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
29	Phenoscape: Identifying Candidate Genes for Evolutionary Phenotypes. Molecular Biology and Evolution, 2016, 33, 13-24.	8.9	37
30	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
31	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
32	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
33	Multiomic atlas with functional stratification and developmental dynamics of zebrafish cis-regulatory elements. Nature Genetics, 2022, 54, 1037-1050.	21.4	26
34	Smarcd3 Regulates the Timing of Zebrafish Myogenesis Onset. Journal of Biological Chemistry, 2008, 283, 3529-3536.	3.4	22
35	The Zebrafish Information Network: major gene page and home page updates. Nucleic Acids Research, 2021, 49, D1058-D1064.	14.5	19
36	COPB2 loss of function causes a coatopathy with osteoporosis and developmental delay. American Journal of Human Genetics, 2021, 108, 1710-1724.	6.2	18

#	Article	IF	Citations
37	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
38	Heterozygous loss-of-function variants significantly expand the phenotypes associated with loss of GDF11. Genetics in Medicine, 2021, 23, 1889-1900.	2.4	13
39	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
40	yippee like 3Â(ypel3) is a novel gene required for myelinating and perineurial glia development. PLoS Genetics, 2020, 16, e1008841.	3.5	11
41	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
42	Four Resource Centers for Fishes: Specifies, Stocks, and Services. Marine Biotechnology, 2001, 3, S239-S248.	2.4	7
43	A fish with no sex: gonadal and adrenal functions partition between zebrafishNR5A1co-orthologs. Genetics, 2021, 217, .	2.9	6
44	The Teleost Taxonomy Ontology. Nature Precedings, 2010, , .	0.1	4
45	Data Extraction, Transformation, and Dissemination through ZFIN. Methods in Cell Biology, 2011, 104, 311-325.	1.1	4
46	Model organism databases. Genesis, 2015, 53, 449-449.	1.6	4
47	Phenex: Ontological Annotation of Phenotypic Diversity. Nature Precedings, 2010, , .	0.1	3
48	Phenex: Ontological Annotation of Phenotypic Diversity. Nature Precedings, 2009, , .	0.1	0
49	Zebrafish sp7:EGFP: A transgenic for studying otic vesicle formation, skeletogenesis, and bone regeneration. Genesis, 2010, 48, spcone-spcone.	1.6	0
50	An exploration of functional domains in the zebrafish ortholog of human Usher syndrome gene USH2A. FASEB Journal, 2013, 27, 573.1.	0.5	0