

Elisabeth M Busch-Nentwich

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,806
citations

567281

15
h-index

501196

28
g-index

48
all docs

48
docs citations

48
times ranked

3441
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Nucleic Acid Extraction from Single Zebrafish Embryos for Genotyping and RNA-seq. Bio-protocol, 2022, 12, e4284.	0.4	6
2	Translational relevance of forward genetic screens in animal models for the study of psychiatric disease. Neuroscience and Biobehavioral Reviews, 2022, 135, 104559.	6.1	7
3	Ankk1 Loss of Function Disrupts Dopaminergic Pathways in Zebrafish. Frontiers in Neuroscience, 2022, 16, 794653.	2.8	2
4	Allele-specific gene expression can underlie altered transcript abundance in zebrafish mutants. ELife, 2022, 11, .	6.0	9
5	Loss of <i>slc39a14</i> causes simultaneous manganese hypersensitivity and deficiency in zebrafish. DMM Disease Models and Mechanisms, 2022, 15, .	2.4	4
6	Behavioral and Gene Regulatory Responses to Developmental Drug Exposures in Zebrafish. Frontiers in Psychiatry, 2021, 12, 795175.	2.6	3
7	PRL3-DDX21 Transcriptional Control of Endolysosomal Genes Restricts Melanocyte Stem Cell Differentiation. Developmental Cell, 2020, 54, 317-332.e9.	7.0	30
8	A point mutation decouples the lipid transfer activities of microsomal triglyceride transfer protein. PLoS Genetics, 2020, 16, e1008941.	3.5	20
9	Identification of <i>slit3</i> as a locus affecting nicotine preference in zebrafish and human smoking behaviour. ELife, 2020, 9, .	6.0	21
10	Title is missing!. , 2020, 16, e1008941.		0
11	Title is missing!. , 2020, 16, e1008941.		0
12	Title is missing!. , 2020, 16, e1008941.		0
13	Title is missing!. , 2020, 16, e1008941.		0
14	Title is missing!. , 2020, 16, e1008941.		0
15	Title is missing!. , 2020, 16, e1008941.		0
16	Common and distinct transcriptional signatures of mammalian embryonic lethality. Nature Communications, 2019, 10, 2792.	12.8	16
17	Chemokine receptor trafficking coordinates neutrophil clustering and dispersal at wounds in zebrafish. Nature Communications, 2019, 10, 5166.	12.8	47
18	The gene regulatory basis of genetic compensation during neural crest induction. PLoS Genetics, 2019, 15, e1008213.	3.5	34

#	ARTICLE	IF	CITATIONS
19	scRNA-Seq reveals distinct stem cell populations that drive hair cell regeneration after loss of Fgf and Notch signaling. <i>ELife</i> , 2019, 8, .	6.0	130
20	Dicer1 is required for pigment cell and craniofacial development in zebrafish. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 472-485.	1.9	12
21	Compensatory growth renders Tcf7l1a dispensable for eye formation despite its requirement in eye field specification. <i>ELife</i> , 2019, 8, .	6.0	21
22	Placentation defects are highly prevalent in embryonic lethal mouse mutants. <i>Nature</i> , 2018, 555, 463-468.	27.8	287
23	Deep phenotyping in zebrafish reveals genetic and diet-induced adiposity changes that may inform disease risk. <i>Journal of Lipid Research</i> , 2018, 59, 1536-1545.	4.2	13
24	KDM2A integrates DNA and histone modification signals through a CXXC/PHD module and direct interaction with HP1. <i>Nucleic Acids Research</i> , 2017, 45, gkw979.	14.5	35
25	A high-resolution mRNA expression time course of embryonic development in zebrafish. <i>ELife</i> , 2017, 6, .	6.0	257
26	Loss of the chromatin modifier Kdm2aa causes BrafV600E-independent spontaneous melanoma in zebrafish. <i>PLoS Genetics</i> , 2017, 13, e1006959.	3.5	13
27	mRNA processing in mutant zebrafish lines generated by chemical and CRISPR-mediated mutagenesis produces unexpected transcripts that escape nonsense-mediated decay. <i>PLoS Genetics</i> , 2017, 13, e1007105.	3.5	95
28	The age of heterozygous telomerase mutant parents influences the adult phenotype of their offspring irrespective of genotype in zebrafish. <i>Wellcome Open Research</i> , 2017, 2, 77.	1.8	2
29	Integration of Tmc1/2 into the mechanotransduction complex in zebrafish hair cells is regulated by Transmembrane O-methyltransferase (Tomt). <i>ELife</i> , 2017, 6, .	6.0	67
30	Efficient identification of CRISPR/Cas9-induced insertions/deletions by direct germline screening in zebrafish. <i>BMC Genomics</i> , 2016, 17, 259.	2.8	31
31	High-throughput and quantitative genome-wide messenger RNA sequencing for molecular phenotyping. <i>BMC Genomics</i> , 2015, 16, 578.	2.8	19
32	Multi-allelic phenotyping – A systematic approach for the simultaneous analysis of multiple induced mutations. <i>Methods</i> , 2013, 62, 197-206.	3.8	26
33	A systematic genome-wide analysis of zebrafish protein-coding gene function. <i>Nature</i> , 2013, 496, 494-497.	27.8	579
34	The age of heterozygous telomerase mutant parents influences the adult phenotype of their offspring irrespective of genotype in zebrafish. <i>Wellcome Open Research</i> , 0, 2, 77.	1.8	2