

Dirk Meyer

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,564
citations

623734

14
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

3453
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple essential functions of neuregulin in development. <i>Nature</i> , 1995, 378, 386-390.	27.8	1,154
2	Artemisinins Target GABAA Receptor Signaling and Impair $\hat{\pm}$ Cell Identity. <i>Cell</i> , 2017, 168, 86-100.e15.	28.9	330
3	Neuromuscular synapses can form in vivo by incorporation of initially aneural postsynaptic specializations. <i>Development (Cambridge)</i> , 2005, 132, 4471-4481.	2.5	283
4	Organization of cardiac chamber progenitors in the zebrafish blastula. <i>Development (Cambridge)</i> , 2004, 131, 3081-3091.	2.5	148
5	The zebrafish forkhead transcription factor FoxH1/Fast1 is a modulator of Nodal signaling required for organizer formation. <i>Current Biology</i> , 2000, 10, 1041-1049.	3.9	147
6	Evolutionary conserved role of ptf1a in the specification of exocrine pancreatic fates. <i>Developmental Biology</i> , 2004, 268, 174-184.	2.0	101
7	Zebrafish mnx genes in endocrine and exocrine pancreas formation. <i>Developmental Biology</i> , 2004, 268, 372-383.	2.0	56
8	Diabetic pdx1-mutant zebrafish show conserved responses to nutrient overload and anti-glycemic treatment. <i>Scientific Reports</i> , 2015, 5, 14241.	3.3	55
9	Characterization and regulation of the hb9/mnx1 beta-cell progenitor specific enhancer in zebrafish. <i>Developmental Biology</i> , 2012, 365, 290-302.	2.0	52
10	Requirement for Pdx1 in specification of latent endocrine progenitors in zebrafish. <i>BMC Biology</i> , 2011, 9, 75.	3.8	45
11	Molecular Regulation of Pancreas Development in Zebrafish. <i>Methods in Cell Biology</i> , 2010, 100, 261-280.	1.1	34
12	Cell type and tissue specific function of islet genes in zebrafish pancreas development. <i>Developmental Biology</i> , 2013, 378, 25-37.	2.0	21
13	In vivo imaging of emerging endocrine cells reveals a requirement for PI3K-regulated motility in pancreatic islet morphogenesis. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	20
14	Expression of rasgef1b in zebrafish. <i>Gene Expression Patterns</i> , 2007, 7, 389-395.	0.8	18
15	Tcf7l2 plays pleiotropic roles in the control of glucose homeostasis, pancreas morphology, vascularization and regeneration. <i>Scientific Reports</i> , 2017, 7, 9605.	3.3	16
16	Shock waves promote spinal cord repair via TLR3. <i>JCI Insight</i> , 2020, 5, .	5.0	15
17	Ptf1a ⁺ , ela3l ⁺ cells are developmentally maintained progenitors for exocrine regeneration following extreme loss of acinar cells in zebrafish larvae. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 307-321.	2.4	13
18	<i><i>In vivo</i></i> monitoring of intracellular Ca ²⁺ dynamics in the pancreatic \hat{I}^2 -cells of zebrafish embryos. <i>Islets</i> , 2018, 10, 221-238.	1.8	11

#	ARTICLE	IF	CITATIONS
19	Feedback control of the Gpr161-G β s-PKA axis contributes to basal Hedgehog repression in zebrafish. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	11
20	Pronephric tubule morphogenesis in zebrafish depends on Mnx mediated repression of irx1b within the intermediate mesoderm. <i>Developmental Biology</i> , 2016, 411, 101-114.	2.0	9
21	Beta β -cell excitability and excitability β -driven diabetes in adult Zebrafish islets. <i>Physiological Reports</i> , 2019, 7, e14101.	1.7	8
22	A GFP-Tagged Gross Deletion on Chromosome 1 Causes Malignant Peripheral Nerve Sheath Tumors and Carcinomas in Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0145178.	2.5	7
23	FoxH1 represses miR-430 during early embryonic development of zebrafish via non-canonical regulation. <i>BMC Biology</i> , 2019, 17, 61.	3.8	6
24	Generation of an hiPSC-1 knock-in line expressing TY1-tagged MNX1-protein together with mScarlet. <i>Stem Cell Research</i> , 2021, 56, 102522.	0.7	2
25	Nmnat1-Rbp7 Is a Conserved Fusion-Protein That Combines NAD $^{+}$ Catalysis of Nmnat1 with Subcellular Localization of Rbp7. <i>PLoS ONE</i> , 2015, 10, e0143825.	2.5	1
26	Inducible Mosaic Cell Labeling Provides Insights Into Pancreatic Islet Morphogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 586651.	3.7	1