Dirk Meyer

List of Publications by Year
in descending order

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	Feedback control of the Gpr161-GÎ±s-PKA axis contributes to basal Hedgehog repression in zebrafish. Development (Cambridge), 2021, 148, .	2.5	11
2	Generation of an hiPSC-1 knock-in line expressing TY1-tagged MNX1-protein together with mScarlet. Stem Cell Research, 2021, 56, 102522.	0.7	2
3	Inducible Mosaic Cell Labeling Provides Insights Into Pancreatic Islet Morphogenesis. Frontiers in Cell and Developmental Biology, 2020, 8, 586651.	3.7	1
4	Shock waves promote spinal cord repair via TLR3. JCI Insight, 2020, 5, .	5.0	15
5	FoxH1 represses miR-430 during early embryonic development of zebrafish via non-canonical regulation. BMC Biology, 2019, 17, 61.	3.8	6
6	Betaâ€cell excitability and excitabilityâ€driven diabetes in adult Zebrafish islets. Physiological Reports, 2019, 7, e14101.	1.7	8
7	In vivo imaging of emerging endocrine cells reveals a requirement for PI3K-regulated motility in pancreatic islet morphogenesis. Development (Cambridge), 2018, 145, .	2.5	20
8	In vivomonitoring of intracellular Ca²⁺dynamics in the pancreatic Î²-cells of zebrafish embryos. Islets, 2018, 10, 221-238.	1.8	11
9	Ptf1a+, ela3lâ^' cells are developmentally maintained progenitors for exocrine regeneration following extreme loss of acinar cells in zebrafish larvae. DMM Disease Models and Mechanisms, 2017, 10, 307-321.	2.4	13
10	Artemisinins Target GABAA Receptor Signaling and Impair Î± Cell Identity. Cell, 2017, 168, 86-100.e15.	28.9	330
11	Tcf7l2 plays pleiotropic roles in the control of glucose homeostasis, pancreas morphology, vascularization and regeneration. Scientific Reports, 2017, 7, 9605.	3.3	16
12	Pronephric tubule morphogenesis in zebrafish depends on Mnx mediated repression of irx1b within the intermediate mesoderm. Developmental Biology, 2016, 411, 101-114.	2.0	9
13	Diabetic pdx1-mutant zebrafish show conserved responses to nutrient overload and anti-glycemic treatment. Scientific Reports, 2015, 5, 14241.	3.3	55
14	Nmnat1-Rbp7 Is a Conserved Fusion-Protein That Combines NAD+ Catalysis of Nmnat1 with Subcellular Localization of Rbp7. PLoS ONE, 2015, 10, e0143825.	2.5	1
15	A GFP-Tagged Gross Deletion on Chromosome 1 Causes Malignant Peripheral Nerve Sheath Tumors and Carcinomas in Zebrafish. PLoS ONE, 2015, 10, e0145178.	2.5	7
16	Cell type and tissue specific function of islet genes in zebrafish pancreas development. Developmental Biology, 2013, 378, 25-37.	2.0	21
17	Characterization and regulation of the hb9/mnx1 beta-cell progenitor specific enhancer in zebrafish. Developmental Biology, 2012, 365, 290-302.	2.0	52
18	Requirement for Pdx1 in specification of latent endocrine progenitors in zebrafish. BMC Biology, 2011, 9, 75.	3.8	45

#	Article	IF	Citations
19	Molecular Regulation of Pancreas Development in Zebrafish. Methods in Cell Biology, 2010, 100, 261-280.	1.1	34
20	Expression of rasgef1b in zebrafish. Gene Expression Patterns, 2007, 7, 389-395.	0.8	18
21	Neuromuscular synapses can form in vivo by incorporation of initially aneural postsynaptic specializations. Development (Cambridge), 2005, 132, 4471-4481.	2.5	283
22	Organization of cardiac chamber progenitors in the zebrafish blastula. Development (Cambridge), 2004, 131, 3081-3091.	2.5	148
23	Evolutionary conserved role of ptf1a in the specification of exocrine pancreatic fates. Developmental Biology, 2004, 268, 174-184.	2.0	101
24	Zebrafish mnx genes in endocrine and exocrine pancreas formation. Developmental Biology, 2004, 268, 372-383.	2.0	56
25	The zebrafish forkhead transcription factor FoxH1/Fast1 is a modulator of Nodal signaling required for organizer formation. Current Biology, 2000, 10, 1041-1049.	3.9	147
26	Multiple essential functions of neuregulin in development. Nature, 1995, 378, 386-390.	27.8	1,154