Ryan M Anderson

List of Publications by Year
in descending order

22	1,391	687363 13	713466 21
papers	citations	h-index	g-index

24	24	24	2134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Pilot Single Cell Analysis of the Zebrafish Embryo Cellular Responses to Uropathogenic Escherichia coli Infection. Pathogens and Immunity, 2022, 7, 1-18.	3.1	1
2	A Novel 2-Hit Zebrafish Model to Study Early Pathogenesis of Non-Alcoholic Fatty Liver Disease. Biomedicines, 2022, 10, 479.	3.2	8
3	A zebrafish tailfin injury assay protocol for quantifying immune cell migration and infiltration. STAR Protocols, 2022, 3, 101196.	1.2	4
4	12-Lipoxygenase governs the innate immune pathogenesis of islet inflammation and autoimmune diabetes. JCI Insight, 2021, 6, .	5.0	14
5	Deoxyhypusine synthase promotes a pro-inflammatory macrophage phenotype. Cell Metabolism, 2021, 33, 1883-1893.e7.	16.2	24
6	Î²-Cell pre-mir-21 induces dysfunction and loss of cellular identity by targeting transforming growth factor beta 2 (Tgfb2) and Smad family member 2 (Smad2) mRNAs. Molecular Metabolism, 2021, 53, 101289.	6.5	11
7	A 12â€lipoxygenaseâ€Gpr31 signaling axis is required for pancreatic organogenesis in the zebrafish. FASEB Journal, 2020, 34, 14850-14862.	0.5	12
8	A Novel Cre-Enabled Tetracycline Inducible transgenic system for tissue specific cytokine expression in the zebrafish: CETI-PIC3. DMM Disease Models and Mechanisms, 2020, 13, .	2.4	12
9	MiRâ€21 Contributes to Cytokineâ€Induced Beta Cell Dysfunction via Inhibition of mRNAs Regulating Beta Cell Identity. FASEB Journal, 2019, 33, 694.13.	0.5	1
10	OR05-3 Mir-21 Contributes to Cytokine-Induced Beta Cell Dysfunction via Inhibition of mRNAs Regulating Beta Cell Identity. Journal of the Endocrine Society, 2019, 3, .	0.2	0
11	AnIn VivoZebrafish Model for Interrogating ROS-Mediated PancreaticÎ²-Cell Injury, Response, and Prevention. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-8.	4.0	24
12	Zebrafish Pancreas Development and Regeneration. Current Topics in Developmental Biology, 2017, 124, 235-276.	2.2	50
13	Inhibition of 12/15-Lipoxygenase Protects Against Î²-Cell Oxidative Stress and Glycemic Deterioration in Mouse Models of Type 1 Diabetes. Diabetes, 2017, 66, 2875-2887.	0.6	34
14	Molecular mechanisms of nonalcoholic fatty liver disease: Potential role for 12-lipoxygenase. Journal of Diabetes and Its Complications, 2017, 31, 1630-1637.	2.3	30
15	Coordinating cardiomyocyte interactions to direct ventricular chamber morphogenesis. Nature, 2016, 534, 700-704.	27.8	75
16	An insulin signaling feedback loop regulates pancreas progenitor cell differentiation during islet development and regeneration. Developmental Biology, 2016, 409, 354-369.	2.0	22
17	Polyamine biosynthesis is critical for growth and differentiation of the pancreas. Scientific Reports, 2015, 5, 13269.	3.3	26
18	glucagon is essential for alpha cell transdifferentiation and beta cell neogenesis. Development (Cambridge), 2015, 142, 1407-1417.	2.5	108

#	Article	IF	Citations
19	Adenosine Signaling Promotes Regeneration of Pancreatic Î² Cells InÂVivo. Cell Metabolism, 2012, 15, 885-894.	16.2	170
20	Transcriptional Silencing and Reactivation in Transgenic Zebrafish. Genetics, 2009, 182, 747-755.	2.9	149
21	Distinct populations of quiescent and proliferative pancreatic Î²-cells identified by HOTcre mediated labeling. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14896-14901.	7.1	157
22	Conditional targeted cell ablation in zebrafish: A new tool for regeneration studies. Developmental Dynamics, 2007, 236, 1025-1035.	1.8	456