

Ryan M Anderson

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,391
citations

687363

13
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713466

21
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24
all docs

24
docs citations

24
times ranked

2134
citing authors

#	ARTICLE	IF	CITATIONS
1	Conditional targeted cell ablation in zebrafish: A new tool for regeneration studies. <i>Developmental Dynamics</i> , 2007, 236, 1025-1035.	1.8	456
2	Adenosine Signaling Promotes Regeneration of Pancreatic β Cells In Vivo. <i>Cell Metabolism</i> , 2012, 15, 885-894.	16.2	170
3	Distinct populations of quiescent and proliferative pancreatic β -cells identified by H2B-EGFP mediated labeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14896-14901.	7.1	157
4	Transcriptional Silencing and Reactivation in Transgenic Zebrafish. <i>Genetics</i> , 2009, 182, 747-755.	2.9	149
5	glucagon is essential for alpha cell transdifferentiation and beta cell neogenesis. <i>Development (Cambridge)</i> , 2015, 142, 1407-1417.	2.5	108
6	Coordinating cardiomyocyte interactions to direct ventricular chamber morphogenesis. <i>Nature</i> , 2016, 534, 700-704.	27.8	75
7	Zebrafish Pancreas Development and Regeneration. <i>Current Topics in Developmental Biology</i> , 2017, 124, 235-276.	2.2	50
8	Inhibition of 12/15-Lipoxygenase Protects Against β -Cell Oxidative Stress and Glycemic Deterioration in Mouse Models of Type 1 Diabetes. <i>Diabetes</i> , 2017, 66, 2875-2887.	0.6	34
9	Molecular mechanisms of nonalcoholic fatty liver disease: Potential role for 12-lipoxygenase. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1630-1637.	2.3	30
10	Polyamine biosynthesis is critical for growth and differentiation of the pancreas. <i>Scientific Reports</i> , 2015, 5, 13269.	3.3	26
11	An In Vivo Zebrafish Model for Interrogating ROS-Mediated Pancreatic β -Cell Injury, Response, and Prevention. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	4.0	24
12	Deoxyhypusine synthase promotes a pro-inflammatory macrophage phenotype. <i>Cell Metabolism</i> , 2021, 33, 1883-1893.e7.	16.2	24
13	An insulin signaling feedback loop regulates pancreas progenitor cell differentiation during islet development and regeneration. <i>Developmental Biology</i> , 2016, 409, 354-369.	2.0	22
14	12-Lipoxygenase governs the innate immune pathogenesis of islet inflammation and autoimmune diabetes. <i>JCI Insight</i> , 2021, 6, .	5.0	14
15	A 12-lipoxygenase β -Gpr31 signaling axis is required for pancreatic organogenesis in the zebrafish. <i>FASEB Journal</i> , 2020, 34, 14850-14862.	0.5	12
16	A Novel Cre-Enabled Tetracycline Inducible transgenic system for tissue specific cytokine expression in the zebrafish: CETI-PIC3. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	12
17	β -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. <i>Molecular Metabolism</i> , 2021, 53, 101289.	6.5	11
18	A Novel 2-Hit Zebrafish Model to Study Early Pathogenesis of Non-Alcoholic Fatty Liver Disease. <i>Biomedicines</i> , 2022, 10, 479.	3.2	8

#	ARTICLE	IF	CITATIONS
19	A zebrafish tailfin injury assay protocol for quantifying immune cell migration and infiltration. STAR Protocols, 2022, 3, 101196.	1.2	4
20	Mir-21 Contributes to Cytokine-Induced Beta Cell Dysfunction via Inhibition of mRNAs Regulating Beta Cell Identity. FASEB Journal, 2019, 33, 694.13.	0.5	1
21	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
22	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