Daniel Hesselson

List of Publications by Year
in descending order

36	1,813	361413 20	361022 35
papers	citations	h-index	g-index

42	42	42	3819
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PFAS exposure of humans, animals and the environment: Protocol of an evidence review map and bibliometric analysis. Environment International, 2022, 158, 106973.	10.0	4
2	Thermal processing reduces PFAS concentrations in blue food â€“ A systematic review and meta-analysis. Environmental Pollution, 2022, 304, 119081.	7.5	5
3	KrÃ¼ppel-like factor 1 is a core cardiomyogenic trigger in zebrafish. Science, 2021, 372, 201-205.	12.6	32
4	An efficient new assay for measuring zebrafish anxiety: Tall tanks that better characterize between-individual differences. Journal of Neuroscience Methods, 2021, 356, 109138.	2.5	10
5	Low repeatability of aversive learning in zebrafish (Danio rerio). Journal of Experimental Biology, 2021, 224, .	1.7	7
6	Approaches to Enhance Precise CRISPR/Cas9-Mediated Genome Editing. International Journal of Molecular Sciences, 2021, 22, 8571.	4.1	9
7	Profiling research on PFAS in wildlife: Protocol of a systematic evidence map and bibliometric analysis. Ecological Solutions and Evidence, 2021, 2, e12106.	2.0	6
8	â€œSTRESSED OUTâ€• The role of FUS and TDP-43 in amyotrophic lateral sclerosis. International Journal of Biochemistry and Cell Biology, 2020, 126, 105821.	2.8	13
9	Animal and translational models of SARS-CoV-2 infection and COVID-19. Mucosal Immunology, 2020, 13, 877-891.	6.0	155
10	A zebrafish functional genomics model to investigate the role of human A20 variants in vivo. Scientific Reports, 2020, 10, 19085.	3.3	5
11	Pharmacological Enhancement of Regeneration-Dependent Regulatory T Cell Recruitment in Zebrafish. International Journal of Molecular Sciences, 2019, 20, 5189.	4.1	2
12	Chemical reprogramming enhances homology-directed genome editing in zebrafish embryos. Communications Biology, 2019, 2, 198.	4.4	41
13	Molecular dissection of box jellyfish venom cytotoxicity highlights an effective venom antidote. Nature Communications, 2019, 10, 1655.	12.8	35
14	Deletion distal to the PAX6 coding region reveals a novel basis for familial cosegregation of aniridia and diabetes mellitus. Diabetes Research and Clinical Practice, 2019, 148, 64-71.	2.8	6
15	Computer Animation Technology in Behavioral Sciences: A Sequential, Automatic, and High-Throughput Approach to Quantifying Personality in Zebrafish (Danio rerio). Zebrafish, 2018, 15, 206-210.	1.1	14
16	Whole-Organism Chemical Screening Identifies Modulators of Pancreatic Î²-Cell Function. Diabetes, 2018, 67, 2268-2279.	0.6	15
17	The French press: a repeatable and high-throughput approach to exercising zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.0	6
18	Legumain Regulates Differentiation Fate of Human Bone Marrow Stromal Cells and Is Altered in Postmenopausal Osteoporosis. Stem Cell Reports, 2017, 8, 373-386.	4.8	66

#	Article	IF	Citations
19	Rescue of Pink1 Deficiency by Stress-Dependent Activation of Autophagy. Cell Chemical Biology, 2017, 24, 471-480.e4.	5.2	53
20	Live imaging molecular changes in junctional tension upon VE-cadherin in zebrafish. Nature Communications, 2017, 8, 1402.	12.8	73
21	Thyroid Hormone Coordinates Pancreatic Islet Maturation During the Zebrafish Larval-to-Juvenile Transition to Maintain Glucose Homeostasis. Diabetes, 2017, 66, 2623-2635.	0.6	33
22	Zebrafish Regulatory T Cells Mediate Organ-Specific Regenerative Programs. Developmental Cell, 2017, 43, 659-672.e5.	7.0	200
23	Genetic basis of hindlimb loss in a naturally occurring vertebrate model. Biology Open, 2016, 5, 359-366.	1.2	24
24	The role of non-genetic inheritance in evolutionary rescue: epigenetic buffering, heritable bet hedging and epigenetic traps. Environmental Epigenetics, 2016, 2, dvv014.	1.8	91
25	From bugs to beta cells. ELife, 2016, 5, .	6.0	0
26	Nuclear factor ÎºBâ€“inducing kinase activation as a mechanism of pancreatic Î² cell failure in obesity. Journal of Experimental Medicine, 2015, 212, 1239-1254.	8.5	52
27	glucagon is essential for alpha cell transdifferentiation and beta cell neogenesis. Development (Cambridge), 2015, 142, 1407-1417.	2.5	108
28	Whole-organism screening for gluconeogenesis identifies activators of fasting metabolism. Nature Chemical Biology, 2013, 9, 97-104.	8.0	161
29	Metabolic Regulation of Cellular Plasticity in the Pancreas. Current Biology, 2013, 23, 1242-1250.	3.9	74
30	Hepatocyte Growth Factor Signaling in Intrapancreatic Ductal Cells Drives Pancreatic Morphogenesis. PLoS Genetics, 2013, 9, e1003650.	3.5	20
31	Conditional control of gene function by an invertible gene trap in zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15389-15394.	7.1	66
32	Suppression of Ptf1a Activity Induces Acinar-to-Endocrine Conversion. Current Biology, 2011, 21, 712-717.	3.9	51
33	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
34	Loss of Dnmt1 catalytic activity reveals multiple roles for DNA methylation during pancreas development and regeneration. Developmental Biology, 2009, 334, 213-223.	2.0	139
35	Growth control by EGF repeats of the C. elegans Fibulin-1C isoform. Journal of Cell Biology, 2006, 175, 217-223.	5.2	10
36	GON-1 and Fibulin Have Antagonistic Roles in Control of Organ Shape. Current Biology, 2004, 14, 2005-2010.	3.9	57