

# David L Stachura

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,630  
citations

471509

17  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Definitive hematopoiesis initiates through a committed erythromyeloid progenitor in the zebrafish embryo. <i>Development (Cambridge)</i> , 2007, 134, 4147-4156.	2.5	289
2	Proinflammatory Signaling Regulates Hematopoietic Stem Cell Emergence. <i>Cell</i> , 2014, 159, 1070-1085.	28.9	262
3	T-Lymphoblastic Lymphoma Cells Express High Levels of BCL2, S1P1, and ICAM1, Leading to a Blockade of Tumor Cell Intravasation. <i>Cancer Cell</i> , 2010, 18, 353-366.	16.8	141
4	Gata2b is a restricted early regulator of hemogenic endothelium in the zebrafish embryo. <i>Development (Cambridge)</i> , 2015, 142, 1050-1061.	2.5	117
5	Notch signaling distinguishes 2 waves of definitive hematopoiesis in the zebrafish embryo. <i>Blood</i> , 2010, 115, 2777-2783.	1.4	97
6	The zebrafish granulocyte colony-stimulating factors (Gcsfs): 2 paralogous cytokines and their roles in hematopoietic development and maintenance. <i>Blood</i> , 2013, 122, 3918-3928.	1.4	90
7	Discrete Notch signaling requirements in the specification of hematopoietic stem cells. <i>EMBO Journal</i> , 2014, 33, 2363-2373.	7.8	87
8	De Novo Mutations in SON Disrupt RNA Splicing of Genes Essential for Brain Development and Metabolism, Causing an Intellectual-Disability Syndrome. <i>American Journal of Human Genetics</i> , 2016, 99, 711-719.	6.2	81
9	Zebrafish kidney stromal cell lines support multilineage hematopoiesis. <i>Blood</i> , 2009, 114, 279-289.	1.4	74
10	Cellular Dissection of Zebrafish Hematopoiesis. <i>Methods in Cell Biology</i> , 2011, 101, 75-110.	1.1	72
11	Loss of IP3R-dependent Ca <sup>2+</sup> signalling in thymocytes leads to aberrant development and acute lymphoblastic leukemia. <i>Nature Communications</i> , 2014, 5, 4814.	12.8	51
12	Clonal analysis of hematopoietic progenitor cells in the zebrafish. <i>Blood</i> , 2011, 118, 1274-1282.	1.4	50
13	Dissection of vertebrate hematopoiesis using zebrafish thrombopoietin. <i>Blood</i> , 2014, 124, 220-228.	1.4	47
14	FGF signalling specifies haematopoietic stem cells through its regulation of somitic Notch signalling. <i>Nature Communications</i> , 2014, 5, 5583.	12.8	37
15	Ex vivo tools for the clonal analysis of zebrafish hematopoiesis. <i>Nature Protocols</i> , 2016, 11, 1007-1020.	12.0	24
16	Isthmin 1 (ism1) is required for normal hematopoiesis in developing zebrafish. <i>PLoS ONE</i> , 2018, 13, e0196872.	2.5	24
17	Lipoprotein lipase regulates hematopoietic stem progenitor cell maintenance through DHA supply. <i>Nature Communications</i> , 2018, 9, 1310.	12.8	22
18	Zebrafish embryonic stromal trunk (ZEST) cells support hematopoietic stem and progenitor cell (HSPC) proliferation, survival, and differentiation. <i>Experimental Hematology</i> , 2015, 43, 1047-1061.	0.4	18

#	ARTICLE	IF	CITATIONS
19	SON haploinsufficiency causes impaired pre-mRNA splicing of CAKUT genes and heterogeneous renal phenotypes. <i>Kidney International</i> , 2019, 95, 1494-1504.	5.2	17
20	Zebrafish Caudal Haematopoietic Embryonic Stromal Tissue (CHEST) Cells Support Haematopoiesis. <i>Scientific Reports</i> , 2017, 7, 44644.	3.3	15
21	son is necessary for proper vertebrate blood development. <i>PLoS ONE</i> , 2021, 16, e0247489.	2.5	5
22	Pentachlorophenol has significant adverse effects on hematopoietic and immune system development in zebrafish ( <i>Danio rerio</i> ). <i>PLoS ONE</i> , 2022, 17, e0265618.	2.5	4
23	NHD2-15, a novel antagonist of Growth Factor Receptor-Bound Protein-2 (GRB2), inhibits leukemic proliferation. <i>PLoS ONE</i> , 2020, 15, e0236839.	2.5	3
24	Using Flow Cytometry to Detect and Quantitate Altered Blood Formation in the Developing Zebrafish. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1
25	Deep Learning Approach for Quantification of Fluorescently Labeled Blood Cells in <i>Danio rerio</i> (Zebrafish). <i>Bioinformatics and Biology Insights</i> , 2021, 15, 117793222110377.	2.0	1
26	The Ontogeny of Definitive Hematopoiesis in the Zebrafish.. <i>Blood</i> , 2007, 110, 438-438.	1.4	1
27	Title is missing!. , 2020, 15, e0236839.		0
28	Title is missing!. , 2020, 15, e0236839.		0
29	Title is missing!. , 2020, 15, e0236839.		0
30	Title is missing!. , 2020, 15, e0236839.		0