

# Leonard I Zon

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

269  
papers

33,837  
citations

82  
h-index

183  
g-index

299  
ext. papers

38,832  
ext. citations

14  
avg, IF

7.08  
L-index

#	Paper	IF	Citations
269	Resistance to inflammation underlies enhanced fitness in clonal hematopoiesis. <i>Science</i> , <b>2021</b> , 374, 768-772	33.3	13
268	Loss of nr4a1 abrogates Fitness of asxl1-mutant Hematopoietic Clones. <i>Blood</i> , <b>2021</b> , 138, 3272-3272	2.2	
267	Single-Cell Transcriptional Profiling of Zebrafish Hematopoiesis Offers Insight into Early Lymphocyte Development and Reveals Novel Immune Cell Populations. <i>Blood</i> , <b>2021</b> , 138, 4294-4294	2.2	
266	Blood in the water: recent uses of zebrafish to study myeloid biology. <i>Current Opinion in Hematology</i> , <b>2021</b> , 28, 43-49	3.3	
265	SPRED1 deletion confers resistance to MAPK inhibition in melanoma. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	6
264	'Enhancing' red cell fate through epigenetic mechanisms. <i>Current Opinion in Hematology</i> , <b>2021</b> , 28, 129-137	3.3	
263	Identification of Basp1 as a novel angiogenesis-regulating gene by multi-model system studies. <i>FASEB Journal</i> , <b>2021</b> , 35, e21404	0.9	2
262	A uniform format for manuscript submission. <i>Cell</i> , <b>2021</b> , 184, 1654-1656	56.2	1
261	Cell-specific transcriptional control of mitochondrial metabolism by TIF1 $\beta$ drives erythropoiesis. <i>Science</i> , <b>2021</b> , 372, 716-721	33.3	8
260	Melanoma models for the next generation of therapies. <i>Cancer Cell</i> , <b>2021</b> , 39, 610-631	24.3	23
259	Zebrafish disease models in drug discovery: from preclinical modelling to clinical trials. <i>Nature Reviews Drug Discovery</i> , <b>2021</b> , 20, 611-628	64.1	33
258	Single-cell ATAC-seq reveals GATA2-dependent priming defect in myeloid and a maturation bottleneck in lymphoid lineages. <i>Blood Advances</i> , <b>2021</b> , 5, 2673-2686	7.8	3
257	Mitochondrial function in development and disease. <i>DMM Disease Models and Mechanisms</i> , <b>2021</b> , 14,	4.1	11
256	From development toward therapeutics, a collaborative effort on blood progenitors. <i>Stem Cell Reports</i> , <b>2021</b> , 16, 1674-1685	8	0
255	Nucleotide stress responses in neural crest cell fate and melanoma. <i>Cell Cycle</i> , <b>2021</b> , 20, 1455-1467	4.7	0
254	Recurrent co-alteration of HDGF and SETDB1 on chromosome 1q drives cutaneous melanoma progression and poor prognosis. <i>Pigment Cell and Melanoma Research</i> , <b>2021</b> , 34, 641-647	4.5	3
253	SATB2 induction of a neural crest mesenchyme-like program drives melanoma invasion and drug resistance. <i>ELife</i> , <b>2021</b> , 10,	8.9	3

252	Synergistic melanoma cell death mediated by inhibition of both MCL1 and BCL2 in high-risk tumors driven by NF1/PTEN loss. <i>Oncogene</i> , <b>2021</b> , 40, 5718-5729	9.2	0
251	NNT mediates redox-dependent pigmentation via a UVB- and MITF-independent mechanism. <i>Cell</i> , <b>2021</b> , 184, 4268-4283.e20	56.2	5
250	A phase II trial of all-trans retinoic acid (ATRA) in advanced adenoid cystic carcinoma. <i>Oral Oncology</i> , <b>2021</b> , 119, 105366	4.4	5
249	Dissecting melanocytes to predict melanoma. <i>Nature Cell Biology</i> , <b>2021</b> , 23, 930-931	23.4	
248	Massively parallel reporter assays of melanoma risk variants identify MX2 as a gene promoting melanoma. <i>Nature Communications</i> , <b>2020</b> , 11, 2718	17.4	24
247	Long-Range Optogenetic Control of Axon Guidance Overcomes Developmental Boundaries and Defects. <i>Developmental Cell</i> , <b>2020</b> , 53, 577-588.e7	10.2	18
246	An evolutionarily ancient mechanism for regulation of hemoglobin expression in vertebrate red cells. <i>Blood</i> , <b>2020</b> , 136, 269-278	2.2	1
245	RNA helicase DDX21 mediates nucleotide stress responses in neural crest and melanoma cells. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 372-379	23.4	19
244	Difference in biophysical properties of cancer-initiating cells in melanoma mutated zebrafish. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2020</b> , 107, 103746	4.1	2
243	Zebrafish patient avatars in cancer biology and precision cancer therapy. <i>Nature Reviews Cancer</i> , <b>2020</b> , 20, 263-273	31.3	73
242	Cxcl8/PKC Signaling in the Endothelial Cell Niche Regulates Long-Term Hematopoietic Stem Cell Fate. <i>Blood</i> , <b>2020</b> , 136, 38-38	2.2	
241	Mosaic Mutagenesis In Vivo Reveals Mutant Blood Stem Cells Intrinsically Resistant to Inflammatory Mediators in Clonal Hematopoiesis. <i>Blood</i> , <b>2020</b> , 136, 27-27	2.2	
240	Cellular Barcoding of HSCs during Development Reveals Long-Term Persistence of T Cell Progenitor Clones in the Thymus. <i>Blood</i> , <b>2020</b> , 136, 32-32	2.2	
239	Ing4 Suppresses Quiescence and Inflammation in Hematopoietic Stem Cells. <i>Blood</i> , <b>2020</b> , 136, 16-16	2.2	1
238	Calmodulin inhibitors improve erythropoiesis in Diamond-Blackfan anemia. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	6
237	PRL3-DDX21 Transcriptional Control of Endolysosomal Genes Restricts Melanocyte Stem Cell Differentiation. <i>Developmental Cell</i> , <b>2020</b> , 54, 317-332.e9	10.2	16
236	Common variants in signaling transcription-factor-binding sites drive phenotypic variability in red blood cell traits. <i>Nature Genetics</i> , <b>2020</b> , 52, 1333-1345	36.3	8
235	A Transgenic System for Rapid Magnetic Enrichment of Rare Embryonic Cells. <i>Zebrafish</i> , <b>2020</b> , 17, 354-357		1

234	Cross-species analysis of enhancer logic using deep learning. <i>Genome Research</i> , <b>2020</b> , 30, 1815-1834	9.7	19
233	CHD7 and Runx1 interaction provides a braking mechanism for hematopoietic differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 23626-23635	11.5	8
232	Use of Zebrafish in Drug Discovery Toxicology. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 95-118	4	145
231	Transcriptome Dynamics of Hematopoietic Stem Cell Formation Revealed Using a Combinatorial Runx1 and Ly6a Reporter System. <i>Stem Cell Reports</i> , <b>2020</b> , 14, 956-971	8	4
230	Gain-of-Function Genetic Alterations of G9a Drive Oncogenesis. <i>Cancer Discovery</i> , <b>2020</b> , 10, 980-997	24.4	17
229	Tumor-Derived Extracellular Vesicles Breach the Intact Blood-Brain Barrier Transcytosis. <i>ACS Nano</i> , <b>2019</b> , 13, 13853-13865	16.7	167
228	Zebrafish modeling reveals that SPINT1 regulates the aggressiveness of skin cutaneous melanoma and its crosstalk with tumor immune microenvironment. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 405	12.8	16
227	AIBP-mediated cholesterol efflux instructs hematopoietic stem and progenitor cell fate. <i>Science</i> , <b>2019</b> , 363, 1085-1088	33.3	51
226	Inflammasome Regulates Hematopoiesis through Cleavage of the Master Erythroid Transcription Factor GATA1. <i>Immunity</i> , <b>2019</b> , 51, 50-63.e5	32.3	30
225	Modeling Cancer with Flies and Fish. <i>Developmental Cell</i> , <b>2019</b> , 49, 317-324	10.2	39
224	Estrogen Activation of G-Protein-Coupled Estrogen Receptor 1 Regulates Phosphoinositide 3-Kinase and mTOR Signaling to Promote Liver Growth in Zebrafish and Proliferation of Human Hepatocytes. <i>Gastroenterology</i> , <b>2019</b> , 156, 1788-1804.e13	13.3	44
223	Neural crest state activation in NRAS driven melanoma, but not in NRAS-driven melanocyte expansion. <i>Developmental Biology</i> , <b>2019</b> , 449, 107-114	3.1	11
222	The Paf1 complex and P-TEFb have reciprocal and antagonist roles in maintaining multipotent neural crest progenitors. <i>Development (Cambridge)</i> , <b>2019</b> , 146,	6.6	4
221	Improving the visibility of developmental biology: time for induction and specification. <i>Development (Cambridge)</i> , <b>2019</b> , 146,	6.6	3
220	The histone demethylase Jmjd3 regulates zebrafish myeloid development by promoting spi1 expression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2018</b> , 1861, 106-116	6	9
219	Targeting the Senescence-Overriding Cooperative Activity of Structurally Unrelated H3K9 Demethylases in Melanoma. <i>Cancer Cell</i> , <b>2018</b> , 33, 322-336.e8	24.3	64
218	Purification of zebrafish erythrocytes as a means of identifying a novel regulator of haematopoiesis. <i>British Journal of Haematology</i> , <b>2018</b> , 180, 420-431	4.5	5
217	NOTCH signaling specifies arterial-type definitive hemogenic endothelium from human pluripotent stem cells. <i>Nature Communications</i> , <b>2018</b> , 9, 1828	17.4	51

216	Specific oxylipins enhance vertebrate hematopoiesis via the receptor GPR132. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 9252-9257	11.5	23
215	Making HSCs in vitro: don't forget the hemogenic endothelium. <i>Blood</i> , <b>2018</b> , 132, 1372-1378	2.2	13
214	Protection from UV light is an evolutionarily conserved feature of the haematopoietic niche. <i>Nature</i> , <b>2018</b> , 558, 445-448	50.4	33
213	Prostaglandin E2 Stimulates CREB-Mediated Modification of Histone Variant Nucleosomes at Enhancers to Promote Hematopoietic Stem Cell Fate. <i>Blood</i> , <b>2018</b> , 132, 530-530	2.2	1
212	RNA helicase, DDX27 regulates skeletal muscle growth and regeneration by modulation of translational processes. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007226	6	17
211	Characterizing the adult Hematopoietic Stem cell (HSC) niche in a zebrafish model for fetal bone marrow. <i>FASEB Journal</i> , <b>2018</b> , 32, 645.8	0.9	
210	Effect of enforced expression of cxcl8 by hematopoietic stem and progenitor cells on niche interactions and hematopoietic progenitor cells in adult zebrafish.. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 7070-7070	2.2	
209	Generation of mouse-zebrafish hematopoietic tissue chimeric embryos for hematopoiesis and host-pathogen interaction studies. <i>DMM Disease Models and Mechanisms</i> , <b>2018</b> , 11,	4.1	12
208	FAM210B is an erythropoietin target and regulates erythroid heme synthesis by controlling mitochondrial iron import and ferrochelatase activity. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 19797-19811	5.4	16
207	Human tumor genomics and zebrafish modeling identify loss as a driver of mucosal melanoma. <i>Science</i> , <b>2018</b> , 362, 1055-1060	33.3	69
206	Zebrafish blastomere screen identifies retinoic acid suppression of in adenoid cystic carcinoma. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 2673-2685	16.6	25
205	Stem cell safe harbor: the hematopoietic stem cell niche in zebrafish. <i>Blood Advances</i> , <b>2018</b> , 2, 3063-3069	9.8	17
204	Nfe2 is dispensable for early but required for adult thrombocyte formation and function in zebrafish. <i>Blood Advances</i> , <b>2018</b> , 2, 3418-3427	7.8	7
203	JDP2: An oncogenic bZIP transcription factor in T cell acute lymphoblastic leukemia. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 1929-1945	16.6	11
202	c-myb hyperactivity leads to myeloid and lymphoid malignancies in zebrafish. <i>Leukemia</i> , <b>2017</b> , 31, 222-233	30.7	25
201	mutations cause skeletal dysplasia, immune deficiency, and developmental delay. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 623-637	16.6	54
200	Sorting zebrafish thrombocyte lineage cells with a Cd41 monoclonal antibody enriches hematopoietic stem cell activity. <i>Blood</i> , <b>2017</b> , 129, 1394-1397	2.2	6
199	Drug discovery for Diamond-Blackfan anemia using reprogrammed hematopoietic progenitors. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	73

198	Transplantation in zebrafish. <i>Methods in Cell Biology</i> , <b>2017</b> , 138, 629-647	1.8	11
197	Distinct Roles for Matrix Metalloproteinases 2 and 9 in Embryonic Hematopoietic Stem Cell Emergence, Migration, and Niche Colonization. <i>Stem Cell Reports</i> , <b>2017</b> , 8, 1226-1241	8	38
196	Using Zebrafish to Study Pathways that Regulate Hematopoietic Stem Cell Self-Renewal and Migration. <i>Stem Cell Reports</i> , <b>2017</b> , 8, 1465-1471	8	10
195	Efficient Transduction of Zebrafish Melanoma Cell Lines and Embryos Using Lentiviral Vectors. <i>Zebrafish</i> , <b>2017</b> , 14, 379-382	2	2
194	From fish bowl to bedside: The power of zebrafish to unravel melanoma pathogenesis and discover new therapeutics. <i>Pigment Cell and Melanoma Research</i> , <b>2017</b> , 30, 402-412	4.5	35
193	CXCR1 remodels the vascular niche to promote hematopoietic stem and progenitor cell engraftment. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 1011-1027	16.6	32
192	Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. <i>American Journal of Human Genetics</i> , <b>2017</b> , 100, 51-63	11	30
191	KIT Suppresses BRAF-Mutant Melanoma by Attenuating Oncogenic RAS/MAPK Signaling. <i>Cancer Research</i> , <b>2017</b> , 77, 5820-5830	10.1	9
190	Loci associated with skin pigmentation identified in African populations. <i>Science</i> , <b>2017</b> , 358,	33.3	179
189	Efforts to enhance blood stem cell engraftment: Recent insights from zebrafish hematopoiesis. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 2817-2827	16.6	21
188	PGE pulsing of murine bone marrow cells reduces migration of daughter monocytes/macrophages in vitro and in vivo. <i>Experimental Hematology</i> , <b>2017</b> , 56, 64-68	3.1	5
187	Fishing for answers in precision cancer medicine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 10306-10308	11.5	13
186	Chemical screening in zebrafish for novel biological and therapeutic discovery. <i>Methods in Cell Biology</i> , <b>2017</b> , 138, 651-679	1.8	66
185	PD-L1 genetic overexpression or pharmacological restoration in hematopoietic stem and progenitor cells reverses autoimmune diabetes. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	62
184	Cancer immunotherapy: The dark side of PD-1 receptor inhibition. <i>Nature</i> , <b>2017</b> , 552, 41-42	50.4	25
183	Blood on the tracks: hematopoietic stem cell-endothelial cell interactions in homing and engraftment. <i>Journal of Molecular Medicine</i> , <b>2017</b> , 95, 809-819	5.5	22
182	Clonal fate mapping quantifies the number of haematopoietic stem cells that arise during development. <i>Nature Cell Biology</i> , <b>2017</b> , 19, 17-27	23.4	64
181	Identification of Padi2 as a novel angiogenesis-regulating gene by genome association studies in mice. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006848	6	6

180	Evolution of the hypoxia-sensitive cells involved in amniote respiratory reflexes. <i>ELife</i> , <b>2017</b> , 6,	8.9	32
179	Toddler signaling regulates mesodermal cell migration downstream of Nodal signaling. <i>ELife</i> , <b>2017</b> , 6,	8.9	17
178	A chemical screen in zebrafish embryonic cells establishes that Akt activation is required for neural crest development. <i>ELife</i> , <b>2017</b> , 6,	8.9	17
177	Distinct Signaling Centers Define Stages of Human Erythropoiesis and Harbor Common Variations of Red Blood Cell Traits. <i>Blood</i> , <b>2017</b> , 130, 773-773	2.2	
176	Targeted Application of Human Genetic Variation Can Improve Red Blood Cell Production from Stem Cells. <i>Cell Stem Cell</i> , <b>2016</b> , 18, 73-78	18	57
175	MED12 Regulates HSC-Specific Enhancers Independently of Mediator Kinase Activity to Control Hematopoiesis. <i>Cell Stem Cell</i> , <b>2016</b> , 19, 784-799	18	60
174	Loss-of-function mutations in the C9ORF72 mouse ortholog cause fatal autoimmune disease. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 347ra93	17.5	157
173	Understanding the regulation of vertebrate hematopoiesis and blood disorders - big lessons from a small fish. <i>FEBS Letters</i> , <b>2016</b> , 590, 4016-4033	3.8	23
172	CAT7 and cat7l Long Non-coding RNAs Tune Polycomb Repressive Complex 1 Function during Human and Zebrafish Development. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 19558-72	5.4	26
171	Development: For cloche the Bell Tolls. <i>Current Biology</i> , <b>2016</b> , 26, R890-R892	6.3	0
170	Generation of Parabiotic Zebrafish Embryos by Surgical Fusion of Developing Blastulae. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	5
169	Engineering Hematopoietic Stem Cells: Lessons from Development. <i>Cell Stem Cell</i> , <b>2016</b> , 18, 707-720	18	57
168	A zebrafish melanoma model reveals emergence of neural crest identity during melanoma initiation. <i>Science</i> , <b>2016</b> , 351, aad2197	33.3	223
167	GATA Factor-G-Protein-Coupled Receptor Circuit Suppresses Hematopoiesis. <i>Stem Cell Reports</i> , <b>2016</b> , 6, 368-82	8	8
166	Fish to Learn: Insights into Blood Development and Blood Disorders from Zebrafish Hematopoiesis. <i>Human Gene Therapy</i> , <b>2016</b> , 27, 287-94	4.8	32
165	Dynamic Control of Enhancer Repertoires Drives Lineage and Stage-Specific Transcription during Hematopoiesis. <i>Developmental Cell</i> , <b>2016</b> , 36, 9-23	10.2	144
164	Modeling Clonal Hematopoietic Disorders in Zebrafish Using Color Barcoding. <i>Blood</i> , <b>2016</b> , 128, 3147-3147		1
163	A Zebrafish Model of Fetal Bone Marrow Provides a Dynamic View of Hematopoietic Stem Cell Niche Colonization. <i>Blood</i> , <b>2016</b> , 128, 170-170	2.2	

162	Eicosanoid-GPCR Signaling Enhances Hematopoiesis and Marrow Transplant. <i>Blood</i> , <b>2016</b> , 128, 495-495	2.2	
161	CXCR1 Mediates Dynamic Changes in the Vascular Niche and Promotes Hematopoietic Stem and Progenitor Cell Function. <i>Blood</i> , <b>2016</b> , 128, 172-172	2.2	
160	Nfe2 Is Dispensable for Early, but Required for Adult Thrombocyte Formation and Function in Zebrafish. <i>Blood</i> , <b>2016</b> , 128, 2534-2534	2.2	1
159	Long-term drug administration in the adult zebrafish using oral gavage for cancer preclinical studies. <i>DMM Disease Models and Mechanisms</i> , <b>2016</b> , 9, 811-20	4.1	37
158	Identification of novel regulators of developmental hematopoiesis using Endoglin regulatory elements as molecular probes. <i>Blood</i> , <b>2016</b> , 128, 1928-1939	2.2	2
157	Insight into GATA1 transcriptional activity through interrogation of cis elements disrupted in human erythroid disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 4434-9	11.5	43
156	Stress from Nucleotide Depletion Activates the Transcriptional Regulator HEXIM1 to Suppress Melanoma. <i>Molecular Cell</i> , <b>2016</b> , 62, 34-46	17.6	52
155	Ex vivo tools for the clonal analysis of zebrafish hematopoiesis. <i>Nature Protocols</i> , <b>2016</b> , 11, 1007-20	18.8	16
154	Identifying Novel Cancer Therapies Using Chemical Genetics and Zebrafish. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 916, 103-24	3.6	24
153	Embryonic cell culture in zebrafish. <i>Methods in Cell Biology</i> , <b>2016</b> , 133, 1-10	1.8	12
152	Chromatin immunoprecipitation and an open chromatin assay in zebrafish erythrocytes. <i>Methods in Cell Biology</i> , <b>2016</b> , 135, 387-412	1.8	1
151	A CRISPR/Cas9 vector system for tissue-specific gene disruption in zebrafish. <i>Developmental Cell</i> , <b>2015</b> , 32, 756-64	10.2	251
150	Generation of vascular endothelial and smooth muscle cells from human pluripotent stem cells. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 994-1003	23.4	323
149	Mutation of kri1l causes definitive hematopoiesis failure via PERK-dependent excessive autophagy induction. <i>Cell Research</i> , <b>2015</b> , 25, 946-62	24.7	22
148	A point mutation of zebrafish c-cbl gene in the ring finger domain produces a phenotype mimicking human myeloproliferative disease. <i>Leukemia</i> , <b>2015</b> , 29, 2355-65	10.7	11
147	Epoxyeicosatrienoic acids enhance embryonic haematopoiesis and adult marrow engraftment. <i>Nature</i> , <b>2015</b> , 523, 468-71	50.4	82
146	Flow-induced protein kinase A-CREB pathway acts via BMP signaling to promote HSC emergence. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 633-48	16.6	40
145	DNA methyltransferase 1 functions through C/ebpa to maintain hematopoietic stem and progenitor cells in zebrafish. <i>Journal of Hematology and Oncology</i> , <b>2015</b> , 8, 15	22.4	32



144	Notch1 acts via Foxc2 to promote definitive hematopoiesis via effects on hemogenic endothelium. <i>Blood</i> , <b>2015</b> , 125, 1418-26	2.2	32
143	Adenosine signaling promotes hematopoietic stem and progenitor cell emergence. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 649-63	16.6	63
142	Generating and evaluating a ranked candidate gene list for potential vertebrate heart field regulators. <i>Genomics Data</i> , <b>2015</b> , 6, 199-201		7
141	A Quantitative System for Studying Metastasis Using Transparent Zebrafish. <i>Cancer Research</i> , <b>2015</b> , 75, 4272-4282	10.1	85
140	Chamber identity programs drive early functional partitioning of the heart. <i>Nature Communications</i> , <b>2015</b> , 6, 8146	17.4	65
139	A comparison of non-integrating reprogramming methods. <i>Nature Biotechnology</i> , <b>2015</b> , 33, 58-63	44.5	326
138	A zebrafish model of myelodysplastic syndrome produced through tet2 genomic editing. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 789-804	4.8	45
137	Hematopoietic stem cells develop in the absence of endothelial cadherin 5 expression. <i>Blood</i> , <b>2015</b> , 126, 2811-20	2.2	16
136	TopBP1 Governs Hematopoietic Stem/Progenitor Cells Survival in Zebrafish Definitive Hematopoiesis. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005346	6	15
135	Hematopoietic stem cell arrival triggers dynamic remodeling of the perivascular niche. <i>Cell</i> , <b>2015</b> , 160, 241-52	56.2	225
134	Angiopoietin-like proteins stimulate HSPC development through interaction with notch receptor signaling. <i>ELife</i> , <b>2015</b> , 4,	8.9	22
133	Hematopoietic Stem Cells Develop in the Absence of Endothelial Cadherin 5 Expression. <i>Blood</i> , <b>2015</b> , 126, 1165-1165	2.2	
132	Apurinic/Apyrimidinic Endonuclease 1 Induced Genomic Instability Causes T-Cell Acute Lymphoblastic Leukemia in Zebrafish. <i>Blood</i> , <b>2015</b> , 126, 1431-1431	2.2	
131	IL-8 and CXCR1 Remodel the Vascular Niche to Promote Hematopoietic Stem and Progenitor Cell Engraftment. <i>Blood</i> , <b>2015</b> , 126, 783-783	2.2	1
130	A non-canonical function of telomerase RNA in the regulation of developmental myelopoiesis in zebrafish. <i>Nature Communications</i> , <b>2014</b> , 5, 3228	17.4	20
129	Mutations in QARS, encoding glutaminyl-tRNA synthetase, cause progressive microcephaly, cerebral-cerebellar atrophy, and intractable seizures. <i>American Journal of Human Genetics</i> , <b>2014</b> , 94, 547-58	11.8	87
128	Getting more for your marrow: boosting hematopoietic stem cell numbers with PGE2. <i>Experimental Cell Research</i> , <b>2014</b> , 329, 220-6	4.2	45
127	Selective microRNA uridylation by Zcchc6 (TUT7) and Zcchc11 (TUT4). <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 11777-91	20.1	70

126	Translational research: the path for bringing discovery to patients. <i>Cell Stem Cell</i> , <b>2014</b> , 14, 146-8	18	6
125	Whole-exome sequencing and functional studies identify RPS29 as a novel gene mutated in multicas e Diamond-Blackfan anemia families. <i>Blood</i> , <b>2014</b> , 124, 24-32	2.2	69
124	Dissection of vertebrate hematopoiesis using zebrafish thrombopoietin. <i>Blood</i> , <b>2014</b> , 124, 220-8	2.2	35
123	From fish tank to bedside in cancer therapy: an interview with Leonard Zon. <i>DMM Disease Models and Mechanisms</i> , <b>2014</b> , 7, 735-8	4.1	4
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