Kirby D Johnson

List of Publications by Citations

25 papers	913 citations	16 h-index	30 g-index
30 ext. papers	1,100 ext. citations	8.8 avg, IF	3.67 L-index

#	Paper	IF	Citations
25	GATA2 haploinsufficiency caused by mutations in a conserved intronic element leads to MonoMAC syndrome. *Blood*, **2013**, 121, 3830-7, S1-7	2.2	169
24	Cis-element mutated in GATA2-dependent immunodeficiency governs hematopoiesis and vascular integrity. *Journal of Clinical Investigation*, **2012**, 122, 3692-704	15.9	127
23	Chromatin domain activation via GATA-1 utilization of a small subset of dispersed GATA motifs within a broad chromosomal region. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 17065-70	11.5	109
22	Gata2 cis-element is required for hematopoietic stem cell generation in the mammalian embryo. *Journal of Experimental Medicine*, **2013**, 210, 2833-42	16.6	101
21	Friend of GATA-1-independent transcriptional repression: a novel mode of GATA-1 function. *Blood*, **2007**, 109, 5230-3	2.2	54
20	Context-dependent function of "GATA switch" sites in vivo. *Blood*, **2011**, 117, 4769-72	2.2	45
19	Differential sensitivities of transcription factor target genes underlie cell type-specific gene expression profiles. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 15939-44	11.5	43
18	Mechanisms of erythrocyte development and regeneration: implications for regenerative medicine and beyond. *Development (Cambridge)*, **2018**, 145,	6.6	36
17	Cis-regulatory mechanisms governing stem and progenitor cell transitions. *Science Advances*, **2015**, 1, e1500503	14.3	34
16	Mechanism governing a stem cell-generating cis-regulatory element. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E1091-100	11.5	34
15	Hematopoietic Signaling Mechanism Revealed from a Stem/Progenitor Cell Cistrome. *Molecular Cell*, **2015**, 59, 62-74	17.6	29
14	Integrating Enhancer Mechanisms to Establish a Hierarchical Blood Development Program. *Cell Reports*, **2017**, 20, 2966-2979	10.6	29
13	Human leukemia mutations corrupt but do not abrogate GATA-2 function. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E10109-E10118	11.5	21
12	Hematopoietic transcriptional mechanisms: from locus-specific to genome-wide vantage points. *Experimental Hematology*, **2014**, 42, 618-29	3.1	19
11	Single-nucleotide human disease mutation inactivates a blood-regenerative GATA2 enhancer. *Journal of Clinical Investigation*, **2019**, 129, 1180-1192	15.9	19
10	p53-/- synergizes with enhanced NrasG12D signaling to transform megakaryocyte-erythroid progenitors in acute myeloid leukemia. *Blood*, **2017**, 129, 358-370	2.2	17
9	Blood disease-causing and -suppressing transcriptional enhancers: general principles and mechanisms. *Blood Advances*, **2019**, 3, 2045-2056	7.8	10

List of Publications

8	GATA Factor-G-Protein-Coupled Receptor Circuit Suppresses Hematopoiesis. *Stem Cell Reports*, **2016**, 6, 368-82	8	8
7	Constructing and deconstructing GATA2-regulated cell fate programs to establish developmental trajectories. *Journal of Experimental Medicine*, **2020**, 217,	16.6	8
6	Gata2 -77 enhancer regulates adult hematopoietic stem cell survival. *Leukemia*, **2021**, 35, 901-905	10.7	0
5	Conditionally pathogenic genetic variants of a hematopoietic disease-suppressing enhancer. *Science Advances*, **2021**, 7, eabk3521	14.3	0
4	GATA2 Enhancer Modules Governing Hematopoietic Regeneration. *Blood*, **2020**, 136, 15-16	2.2	
3	Spacing Constraints of Neighboring Zinc Finger Modules within GATA2. *Blood*, **2021**, 138, 3306-3306	2.2	
2	Controlling Hematopoiesis through Sumoylation-Dependent Regulation of a GATA Factor.. *Blood*, **2009**, 114, 1467-1467	2.2	
1	A Master Regulatory Cis-element Governs the Hematopoietic Stem/Progenitor Cell Compartment, Vascular Integrity, and Cardiovascular Development. *Blood*, **2011**, 118, 1304-1304	2.2	