

# Benjamin T. Kile

## List of Publications by Year in descending order

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Version: 2024-02-01

138  
papers

10,783  
citations

39113

52  
h-index

38517

99  
g-index

141  
all docs

141  
docs citations

141  
times ranked

17501  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Programmed Anuclear Cell Death Delimits Platelet Life Span. <i>Cell</i> , 2007, 128, 1173-1186.   | 13.5 | 910       |
| 2  | Apoptotic Caspases Suppress mtDNA-Induced STING-Mediated Type I IFN Production. <i>Cell</i> , 2014, 159, 1549-1562.   | 13.5 | 698       |
| 3  | The conserved SOCS box motif in suppressors of cytokine signaling binds to elongins B and C and may couple bound proteins to proteasomal degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 2071-2076. | 3.3  | 581       |
| 4  | BAK/BAX macropores facilitate mitochondrial herniation and mtDNA efflux during apoptosis. <i>Science</i> , 2018, 359, .   | 6.0  | 581       |
| 5  | The SOCS box: a tale of destruction and degradation. <i>Trends in Biochemical Sciences</i> , 2002, 27, 235-241.   | 3.7  | 394       |
| 6  | Interleukin-11 Is the Dominant IL-6 Family Cytokine during Gastrointestinal Tumorigenesis and Can Be Targeted Therapeutically. <i>Cancer Cell</i> , 2013, 24, 257-271.  | 7.7  | 341       |
| 7  | Two distinct pathways regulate platelet phosphatidylserine exposure and procoagulant function. <i>Blood</i> , 2009, 114, 663-666.   | 0.6  | 274       |
| 8  | The Dendritic Cell Receptor Clec9A Binds Damaged Cells via Exposed Actin Filaments. <i>Immunity</i> , 2012, 36, 646-657.  | 6.6  | 272       |
| 9  | Bcl-xL inhibitory BH3 mimetics can induce a transient thrombocytopeny that undermines the hemostatic function of platelets. <i>Blood</i> , 2011, 118, 1663-1674.  | 0.6  | 262       |
| 10 | NLRP1 Inflammasome Activation Induces Pyroptosis of Hematopoietic Progenitor Cells. <i>Immunity</i> , 2012, 37, 1009-1023.  | 6.6  | 257       |
| 11 | The transcription factor Erg is essential for definitive hematopoiesis and the function of adult hematopoietic stem cells. <i>Nature Immunology</i> , 2008, 9, 810-819.   | 7.0  | 232       |
| 12 | TBK1 and IKK $\mu$ Act Redundantly to Mediate STING-Induced NF- $\kappa$ B Responses in Myeloid Cells. <i>Cell Reports</i> , 2020, 31, 107492.  | 2.9  | 223       |
| 13 | Functional genetic analysis of mouse chromosome 11. <i>Nature</i> , 2003, 425, 81-86.   | 13.7 | 194       |
| 14 | Mitochondrial apoptosis is dispensable for NLRP3 inflammasome activation but nonapoptotic caspase-8 is required for inflammasome priming. <i>EMBO Reports</i> , 2014, 15, 982-990.  | 2.0  | 189       |
| 15 | The Mitochondrial Apoptotic Effectors BAX/BAK Activate Caspase-3 and -7 to Trigger NLRP3 Inflammasome and Caspase-8 Driven IL-1 $\beta$ Activation. <i>Cell Reports</i> , 2018, 25, 2339-2353.e4.   | 2.9  | 164       |
| 16 | Megakaryocytes possess a functional intrinsic apoptosis pathway that must be restrained to survive and produce platelets. <i>Journal of Experimental Medicine</i> , 2011, 208, 2017-2031.   | 4.2  | 162       |
| 17 | The suppressors of cytokine signalling (SOCS). <i>Cellular and Molecular Life Sciences</i> , 2001, 58, 1627-1635.   | 2.4  | 141       |
| 18 | IL-18 Production from the NLRP1 Inflammasome Prevents Obesity and Metabolic Syndrome. <i>Cell Metabolism</i> , 2016, 23, 155-164.   | 7.2  | 133       |

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|----|--|------|-----------|
| 19 | Deciphering the molecular and biologic processes that mediate histone deacetylase inhibitor-induced thrombocytopenia. <i>Blood</i> , 2011, 117, 3658-3668.   | 0.6  | 128       |
| 20 | Aberrant actin depolymerization triggers the pyrin inflammasome and autoinflammatory disease that is dependent on IL-18, not IL-1 $\beta$ . <i>Journal of Experimental Medicine</i> , 2015, 212, 927-938.                                    | 4.2  | 120       |
| 21 | Apoptotic Caspases: Multiple or Mistaken Identities?. <i>Trends in Cell Biology</i> , 2018, 28, 475-493.   | 3.6  | 111       |
| 22 | Mitochondrial dysfunction caused by outer membrane vesicles from Gram-negative bacteria activates intrinsic apoptosis and inflammation. <i>Nature Microbiology</i> , 2020, 5, 1418-1427.   | 5.9  | 105       |
| 23 | Mutation discovery in mice by whole exome sequencing. <i>Genome Biology</i> , 2011, 12, R86.   | 13.9 | 102       |
| 24 | Suppressors of cytokine signaling (SOCS): negative regulators of signal transduction. <i>Journal of Leukocyte Biology</i> , 1999, 66, 588-592.   | 1.5  | 100       |
| 25 | ERG dependence distinguishes developmental control of hematopoietic stem cell maintenance from hematopoietic specification. <i>Genes and Development</i> , 2011, 25, 251-262.  | 2.7  | 99        |
| 26 | Mutations in the cofilin partner Aip1/Wdr1 cause autoinflammatory disease and macrothrombocytopenia. <i>Blood</i> , 2007, 110, 2371-2380.  | 0.6  | 98        |
| 27 | The role of apoptosis in megakaryocytes and platelets. <i>British Journal of Haematology</i> , 2014, 165, 217-226.   | 1.2  | 97        |
| 28 | Dual requirement for the ETS transcription factors Fli-1 and Erg in hematopoietic stem cells and the megakaryocyte lineage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13814-13819. | 3.3  | 89        |
| 29 | The art and design of genetic screens: mouse. <i>Nature Reviews Genetics</i> , 2005, 6, 557-567.   | 7.7  | 87        |
| 30 | Defective chromosome segregation, microtubule bundling and nuclear bridging in inner centromere protein gene (Incenp)-disrupted mice. <i>Human Molecular Genetics</i> , 1999, 8, 1145-1155.  | 1.4  | 85        |
| 31 | Apoptosis in megakaryocytes and platelets: the life and death of a lineage. <i>Blood</i> , 2018, 131, 605-610.   | 0.6  | 84        |
| 32 | NLRP1 restricts butyrate producing commensals to exacerbate inflammatory bowel disease. <i>Nature Communications</i> , 2018, 9, 3728.  | 5.8  | 81        |
| 33 | Dicer1-mediated miRNA processing shapes the mRNA profile and function of murine platelets. <i>Blood</i> , 2016, 127, 1743-1751.  | 0.6  | 79        |
| 34 | A Novel Mutation in the <i>Nfkb2</i> Gene Generates an NF- $\kappa$ B2 "Super Repressor". <i>Journal of Immunology</i> , 2007, 179, 7514-7522.   | 0.4  | 77        |
| 35 | Negative Regulators of Cytokine Signaling. <i>International Journal of Hematology</i> , 2001, 73, 292-298.   | 0.7  | 76        |
| 36 | Thrombocytopenia and kidney disease in mice with a mutation in the <i>C1galt1</i> gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16442-16447.                                     | 3.3  | 76        |

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|----|---|-----|-----------|
| 37 | Mcl-1 and Bcl-xL coordinately regulate megakaryocyte survival. <i>Blood</i> , 2012, 119, 5850-5858.   | 0.6 | 76        |
| 38 | A missense mutation in the MLKL brace region promotes lethal neonatal inflammation and hematopoietic dysfunction. <i>Nature Communications</i> , 2020, 11, 3150.  | 5.8 | 75        |
| 39 | Agm1/Pgm3-Mediated Sugar Nucleotide Synthesis Is Essential for Hematopoiesis and Development. <i>Molecular and Cellular Biology</i> , 2007, 27, 5849-5859.  | 1.1 | 73        |
| 40 | Conserved piRNA Expression from a Distinct Set of piRNA Cluster Loci in Eutherian Mammals. <i>PLoS Genetics</i> , 2015, 11, e1005652.   | 1.5 | 73        |
| 41 | A Mouse Model of Harlequin Ichthyosis Delineates a Key Role for Abca12 in Lipid Homeostasis. <i>PLoS Genetics</i> , 2008, 4, e1000192.  | 1.5 | 70        |
| 42 | Caspase-9 mediates the apoptotic death of megakaryocytes and platelets, but is dispensable for their generation and function. <i>Blood</i> , 2012, 119, 4283-4290.  | 0.6 | 70        |
| 43 | BCL-2 is dispensable for thrombopoiesis and platelet survival. <i>Cell Death and Disease</i> , 2015, 6, e1721-e1721.  | 2.7 | 68        |
| 44 | Cell cycle progression dictates the requirement for BCL2 in natural killer cell survival. <i>Journal of Experimental Medicine</i> , 2017, 214, 491-510.   | 4.2 | 66        |
| 45 | Trisomy of Erg is required for myeloproliferation in a mouse model of Down syndrome. <i>Blood</i> , 2010, 115, 3966-3969.   | 0.6 | 65        |
| 46 | Platelet production proceeds independently of the intrinsic and extrinsic apoptosis pathways. <i>Nature Communications</i> , 2014, 5, 3455.   | 5.8 | 63        |
| 47 | Setdb1-mediated H3K9 methylation is enriched on the inactive X and plays a role in its epigenetic silencing. <i>Epigenetics and Chromatin</i> , 2016, 9, 16.  | 1.8 | 63        |
| 48 | Critical roles for c-Myb in lymphoid priming and early B-cell development. <i>Blood</i> , 2010, 115, 2796-2805.   | 0.6 | 62        |
| 49 | Platelet necrosis mediates ischemic stroke outcome in mice. <i>Blood</i> , 2020, 135, 429-440.  | 0.6 | 61        |
| 50 | ETO2-GLIS2 Hijacks Transcriptional Complexes to Drive Cellular Identity and Self-Renewal in Pediatric Acute Megakaryoblastic Leukemia. <i>Cancer Cell</i> , 2017, 31, 452-465.  | 7.7 | 60        |
| 51 | The role of the intrinsic apoptosis pathway in platelet life and death. <i>Journal of Thrombosis and Haemostasis</i> , 2009, 7, 214-217.  | 1.9 | 59        |
| 52 | Expansion of the neonatal platelet mass is achieved via an extension of platelet lifespan. <i>Blood</i> , 2014, 123, 3381-3389.   | 0.6 | 58        |
| 53 | Mutations in tropomyosin 4 underlie a rare form of human macrothrombocytopenia. <i>Journal of Clinical Investigation</i> , 2017, 127, 814-829.  | 3.9 | 57        |
| 54 | Individual and overlapping roles of BH3-only proteins Bim and Bad in apoptosis of lymphocytes and platelets and in suppression of thymic lymphoma development. <i>Cell Death and Differentiation</i> , 2010, 17, 1655-1664. | 5.0 | 56        |

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|----|---|-----|-----------|
| 55 | Neutrophil macroaggregates promote widespread pulmonary thrombosis after gut ischemia. <i>Science Translational Medicine</i> , 2017, 9, .   | 5.8 | 56        |
| 56 | COVID-19 patients exhibit reduced procoagulant platelet responses. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 3067-3073.  | 1.9 | 55        |
| 57 | Bacteria differentially induce degradation of Bcl-xL, a survival protein, by human platelets. <i>Blood</i> , 2012, 120, 5014-5020.  | 0.6 | 53        |
| 58 | Platelet senescence is regulated by an internal timer, not damage inflicted by hits. <i>Blood</i> , 2010, 116, 1776-1778.   | 0.6 | 52        |
| 59 | A lineage of diploid platelet-forming cells precedes polyploid megakaryocyte formation in the mouse embryo. <i>Blood</i> , 2014, 124, 2725-2729.  | 0.6 | 52        |
| 60 | Regulation of cell proliferation by ERK and signal-dependent nuclear translocation of ERK is dependent on Tm5NM1-containing actin filaments. <i>Molecular Biology of the Cell</i> , 2015, 26, 2475-2490.                            | 0.9 | 52        |
| 61 | Erg is required for self-renewal of hematopoietic stem cells during stress hematopoiesis in mice. <i>Blood</i> , 2011, 118, 2454-2461.  | 0.6 | 51        |
| 62 | Functional Analysis of Asb-1 Using Genetic Modification in Mice. <i>Molecular and Cellular Biology</i> , 2001, 21, 6189-6197.   | 1.1 | 50        |
| 63 | Suppressor of Cytokine Signaling 4 (SOCS4) Protects against Severe Cytokine Storm and Enhances Viral Clearance during Influenza Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004134.  | 2.1 | 50        |
| 64 | Association of coagulation factor XIII-A with Golgi proteins within monocyte-macrophages: implications for subcellular trafficking and secretion. <i>Blood</i> , 2010, 115, 2674-2681.  | 0.6 | 49        |
| 65 | Autophagy induced during apoptosis degrades mitochondria and inhibits type I interferon secretion. <i>Cell Death and Differentiation</i> , 2018, 25, 784-796.   | 5.0 | 49        |
| 66 | Ablation of Type-1 IFN Signaling in Hematopoietic Cells Confers Protection Following Traumatic Brain Injury. <i>ENeuro</i> , 2016, 3, ENEURO.0128-15.2016.  | 0.9 | 48        |
| 67 | Hematopoietic overexpression of the transcription factor Erg induces lymphoid and erythro-megakaryocytic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15437-15442. | 3.3 | 47        |
| 68 | ABCA12 Regulates ABCA1-Dependent Cholesterol Efflux from Macrophages and the Development of Atherosclerosis. <i>Cell Metabolism</i> , 2013, 18, 225-238.  | 7.2 | 46        |
| 69 | Novel roles for erythroid Ankyrin-1 revealed through an ENU-induced null mouse mutant. <i>Blood</i> , 2009, 113, 3352-3362.   | 0.6 | 44        |
| 70 | Connexin-Dependent Transfer of cGAMP to Phagocytes Modulates Antiviral Responses. <i>MBio</i> , 2020, 11, .   | 1.8 | 44        |
| 71 | Sex and strain-related differences in the peripheral blood cell values of inbred mouse strains. <i>Mammalian Genome</i> , 2003, 14, 81-85.  | 1.0 | 43        |
| 72 | Proapoptotic Bak and Bax guard against fatal systemic and organ-specific autoimmune disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2599-2604.                         | 3.3 | 43        |

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|----|---|-----|-----------|
| 73 | Cloning and characterization of the genes encoding the ankyrin repeat and SOCS box-containing proteins Asb-1, Asb-2, Asb-3 and Asb-4. <i>Gene</i> , 2000, 258, 31-41.                         | 1.0 | 42        |
| 74 | Ankyrin Repeat and Suppressors of Cytokine Signaling Box Protein Asb-9 Targets Creatine Kinase B for Degradation. <i>Journal of Biological Chemistry</i> , 2007, 282, 4728-4737.              | 1.6 | 42        |
| 75 | Translation inhibitors induce cell death by multiple mechanisms and Mcl-1 reduction is only a minor contributor. <i>Cell Death and Disease</i> , 2012, 3, e409-e409.                          | 2.7 | 42        |
| 76 | Physiological restraint of Bak by Bcl-x <sub>L</sub> is essential for cell survival. <i>Genes and Development</i> , 2016, 30, 1240-1250.  | 2.7 | 40        |
| 77 | Apoptotic Processes in Megakaryocytes and Platelets. <i>Seminars in Hematology</i> , 2010, 47, 227-234.   | 1.8 | 39        |
| 78 | The EMT modulator SNAIL1 contributes to AML pathogenesis via its interaction with LSD1. <i>Blood</i> , 2020, 136, 957-973.  | 0.6 | 35        |
| 79 | Inflammatory Disease and Abortive Platelet Shedding Caused by a Mutation in a Pivotal Regulator of Actin Dynamics in the rears Mouse. <i>Blood</i> , 2004, 104, 1606-1606.                    | 0.6 | 35        |
| 80 | Point mutation in the gene encoding p300 suppresses thrombocytopenia in Mpl <sup>Δ/Δ</sup> mice. <i>Blood</i> , 2008, 112, 3148-3153.   | 0.6 | 32        |
| 81 | Platelet Life Span and Apoptosis. <i>Methods in Molecular Biology</i> , 2012, 788, 59-71.   | 0.4 | 32        |
| 82 | Effect of thrombopoietin receptor agonists on the apoptotic profile of platelets in patients with chronic immune thrombocytopenia. <i>American Journal of Hematology</i> , 2014, 89, E228-34. | 2.0 | 31        |
| 83 | A small molecule interacts with VDAC2 to block mouse BAK-driven apoptosis. <i>Nature Chemical Biology</i> , 2019, 15, 1057-1066.  | 3.9 | 30        |
| 84 | The role of the ETS factor erg in zebrafish vasculogenesis. <i>Mechanisms of Development</i> , 2009, 126, 220-229.  | 1.7 | 28        |
| 85 | Variability of Inducible Expression across the Hematopoietic System of Tetracycline Transactivator Transgenic Mice. <i>PLoS ONE</i> , 2013, 8, e54009.  | 1.1 | 26        |
| 86 | Protein kinase R is an innate immune sensor of proteotoxic stress via accumulation of cytoplasmic IL-24. <i>Science Immunology</i> , 2022, 7, eabi6763.                                       | 5.6 | 22        |
| 87 | MCMV-mediated Inhibition of the Pro-apoptotic Bak Protein Is Required for Optimal In Vivo Replication. <i>PLoS Pathogens</i> , 2013, 9, e1003192.   | 2.1 | 21        |
| 88 | Activation of the erythroid K-Cl cotransporter Kcc1 enhances sickle cell disease pathology in a humanized mouse model. <i>Blood</i> , 2015, 126, 2863-2870.                                   | 0.6 | 21        |
| 89 | An ENU-induced mouse mutant of SHIP1 reveals a critical role of the stem cell isoform for suppression of macrophage activation. <i>Blood</i> , 2011, 117, 5362-5371.                          | 0.6 | 20        |
| 90 | Low adhesion receptor levels on circulating platelets in patients with lymphoproliferative diseases before receiving Navitoclax (ABT-263). <i>Blood</i> , 2013, 121, 1479-1481.               | 0.6 | 20        |

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|-----|---|-----|-----------|
| 91  | CHD7 Deficiency in "Looper", a New Mouse Model of CHARGE Syndrome, Results in Ossicle Malformation, Otosclerosis and Hearing Impairment. PLoS ONE, 2014, 9, e97559.   | 1.1 | 20        |
| 92  | Transposon mutagenesis reveals cooperation of ETS family transcription factors with signaling pathways in erythro-megakaryocytic leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6091-6096. | 3.3 | 19        |
| 93  | Regulation of platelet lifespan in the presence and absence of thrombopoietin signaling. Journal of Thrombosis and Haemostasis, 2016, 14, 1882-1887.  | 1.9 | 19        |
| 94  | Intrinsic apoptosis circumvents the functional decline of circulating platelets but does not cause the storage lesion. Blood, 2018, 132, 197-209.   | 0.6 | 19        |
| 95  | MyD88 Is a Critical Regulator of Hematopoietic Cell-Mediated Neuroprotection Seen after Stroke. PLoS ONE, 2013, 8, e57948.  | 1.1 | 18        |
| 96  | Fetal inhibition of inflammation improves disease phenotypes in harlequin ichthyosis. Human Molecular Genetics, 2015, 24, 436-449.  | 1.4 | 17        |
| 97  | Description of a novel mutation leading to MYH9-related disease. Thrombosis Research, 2008, 122, 861-863.   | 0.8 | 16        |
| 98  | Loss of Bak enhances lymphocytosis but does not ameliorate thrombocytopaenia in BCL-2 transgenic mice. Cell Death and Differentiation, 2014, 21, 676-684.   | 5.0 | 16        |
| 99  | A Kinase-Dead Allele of Lyn Attenuates Autoimmune Disease Normally Associated with Lyn Deficiency. Journal of Immunology, 2009, 182, 2020-2029.   | 0.4 | 15        |
| 100 | ENU mutagenesis identifies the first mouse mutants reproducing human $\beta^2$ -thalassemia at the genomic level. Blood Cells, Molecules, and Diseases, 2013, 50, 86-92.  | 0.6 | 15        |
| 101 | Mice Haploinsufficient for Ets1 and Fli1 Display Middle Ear Abnormalities and Model Aspects of Jacobsen Syndrome. American Journal of Pathology, 2015, 185, 1867-1876.  | 1.9 | 15        |
| 102 | Shared roles for Scl and Lyl1 in murine platelet production and function. Blood, 2019, 134, 826-835.  | 0.6 | 15        |
| 103 | Developmental Stage-Specific Manifestations of Absent TPO/c-MPL Signalling in Newborn Mice. Thrombosis and Haemostasis, 2017, 117, 2322-2333.   | 1.8 | 14        |
| 104 | Cell death following the loss of ADAR1 mediated A-to-I RNA editing is not effected by the intrinsic apoptosis pathway. Cell Death and Disease, 2019, 10, 913.   | 2.7 | 13        |
| 105 | Epigenetic Activation of Plasmacytoid DCs Drives IFNAR-Dependent Therapeutic Differentiation of AML. Cancer Discovery, 2022, 12, 1560-1579.   | 7.7 | 13        |
| 106 | A new mouse model of Canavan leukodystrophy displays hearing impairment due to central nervous system dysmyelination. DMM Disease Models and Mechanisms, 2014, 7, 649-57.   | 1.2 | 12        |
| 107 | Transgenic, inducible RNAi in megakaryocytes and platelets in mice. Journal of Thrombosis and Haemostasis, 2010, 8, 2751-2756.  | 1.9 | 11        |
| 108 | Reduced Lymphocyte Longevity and Homeostatic Proliferation in Lamin B Receptor-Deficient Mice Results in Profound and Progressive Lymphopenia. Journal of Immunology, 2012, 188, 122-134.   | 0.4 | 11        |

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|-----|---|------|-----------|
| 109 | Two ENU-Induced Alleles of Atp2b2 Cause Deafness in Mice. PLoS ONE, 2013, 8, e67479.  | 1.1  | 11        |
| 110 | The Regulation of Platelet Life Span. , 2013, , 51-65.  |      | 10        |
| 111 | Recipient BCL2 inhibition and NK cell ablation form part of a reduced intensity conditioning regime that improves allo-bone marrow transplantation outcomes. Cell Death and Differentiation, 2019, 26, 1516-1530. | 5.0  | 10        |
| 112 | Apoptotic mitochondria prime anti-tumour immunity. Cell Death Discovery, 2020, 6, 98.   | 2.0  | 10        |
| 113 | Apoptotic Ablation of Platelets Reduces Atherosclerosis in Mice With Diabetes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1167-1178.   | 1.1  | 10        |
| 114 | Discordance in STING-Induced Activation and Cell Death Between Mouse and Human Dendritic Cell Populations. Frontiers in Immunology, 2022, 13, 794776.   | 2.2  | 10        |
| 115 | Mutational inhibition of c-Myb or p300 ameliorates treatment-induced thrombocytopenia. Blood, 2009, 113, 5599-5604.   | 0.6  | 9         |
| 116 | SOCS4 is dispensable for an efficient recall response to influenza despite being required for primary immunity. Immunology and Cell Biology, 2015, 93, 909-913.   | 1.0  | 9         |
| 117 | Cloning, expression, and promoter structure of a mammalian Inner Centromere Protein (INCENP). Mammalian Genome, 1999, 10, 415-418.  | 1.0  | 8         |
| 118 | Ageing platelets stimulate TPO production. Nature Medicine, 2015, 21, 11-12.  | 15.2 | 8         |
| 119 | Loss of <i>PUMA</i> ( <i>BBC3</i> ) does not prevent thrombocytopenia caused by the loss of <i>BCL2</i> $\leftrightarrow$ <i>XL1</i> ( <i>BCL2L1</i> ). British Journal of Haematology, 2016, 174, 962-969.       | 1.2  | 7         |
| 120 | Loss of Dynamin 2 <i>GTPase</i> function results in microcytic anaemia. British Journal of Haematology, 2017, 178, 616-628.   | 1.2  | 7         |
| 121 | A mouse model of hereditary coproporphyrinemia identified in an ENU mutagenesis screen. DMM Disease Models and Mechanisms, 2017, 10, 1005-1013.   | 1.2  | 7         |
| 122 | Acute myeloid leukemia maturation lineage influences residual disease and relapse following differentiation therapy. Nature Communications, 2021, 12, 6546.   | 5.8  | 7         |
| 123 | Genetic mapping of mouse centromere protein ( <i>Incnp</i> and <i>Cenpe</i> ) genes. Cytogenetic and Genome Research, 1998, 82, 67-70.  | 0.6  | 6         |
| 124 | Probabilistic analysis of recessive mutagenesis screen strategies. Mammalian Genome, 2007, 18, 5-22.  | 1.0  | 6         |
| 125 | A Model for Studying the Hemostatic Consumption or Destruction of Platelets. PLoS ONE, 2013, 8, e57783.   | 1.1  | 6         |
| 126 | NLRP1a Expression in Srebp-1a-Deficient Mice. Cell Metabolism, 2014, 19, 345-346.   | 7.2  | 6         |



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|-----|---|-----|-----------|
| 127 | Thrombocytopenia and erythrocytosis in mice with a mutation in the gene encoding the hemoglobin $\beta$ minor chain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 576-581. | 3.3 | 5         |
| 128 | Characterization of Tfr $\alpha$ -mutant mice with microcytic phenotypes. <i>Blood Advances</i> , 2018, 2, 1914-1922.   | 2.5 | 5         |
| 129 | Germline heterozygous mutations in Nxf1 perturb RNA metabolism and trigger thrombocytopenia and lymphopenia in mice. <i>Blood Advances</i> , 2020, 4, 1270-1283.  | 2.5 | 5         |
| 130 | Stressed mitochondria sound the alarm. <i>Immunology and Cell Biology</i> , 2015, 93, 427-428.  | 1.0 | 4         |
| 131 | Altered B-lymphopoiesis in mice with deregulated thrombopoietin signaling. <i>Scientific Reports</i> , 2017, 7, 14953.  | 1.6 | 4         |
| 132 | Cell Death in the Hematopoietic System. , 2009, , 443-459.  |     | 3         |
| 133 | Homeostatic apoptosis prevents competition-induced atrophy in follicular B cells. <i>Cell Reports</i> , 2021, 36, 109430.   | 2.9 | 3         |
| 134 | Genetic Modifier Screens in Mice. <i>Current Protocols in Mouse Biology</i> , 2012, 2, 75-87.   | 1.2 | 2         |
| 135 | Generation of Murine Bone Marrow and Fetal Liver Chimeras. <i>Current Protocols</i> , 2021, 1, e79.   | 1.3 | 1         |
| 136 | Acknowledgements: the Levin/Kile rule. <i>Platelets</i> , 2019, 30, 280-280.  | 1.1 | 0         |
| 137 | Megakaryocytes possess a functional intrinsic apoptosis pathway that must be restrained to survive and produce platelets. <i>Journal of Cell Biology</i> , 2011, 194, i12-i12.  | 2.3 | 0         |
| 138 | Aberrant actin depolymerization triggers the pyrin inflammasome and autoinflammatory disease that is dependent on IL-18, not IL-1 $\beta$ . <i>Journal of Cell Biology</i> , 2015, 209, 2095OIA104.                               | 2.3 | 0         |