# Daniel H Gray

## List of Publications by Citations

**Source:** https://exaly.com/author-pdf/6442907/daniel-h-gray-publications-by-citations.pdf
**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

| | | | |
|---|---|---|---|
| 207 papers | 34,822 citations | 81 h-index | 186 g-index |
| 235 ext. papers | 40,227 ext. citations | 15.4 avg, IF | 7.34 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 207 | The BCL-2 protein family: opposing activities that mediate cell death. *Nature Reviews Molecular Cell Biology*, **2008**, 9, 47-59 | 48.7 | 3367 |
| 206 | Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death and Differentiation*, **2018**, 25, 486-541 | 12.7 | 2160 |
| 205 | Control of apoptosis by the BCL-2 protein family: implications for physiology and therapy. *Nature Reviews Molecular Cell Biology*, **2014**, 15, 49-63 | 48.7 | 1927 |
| 204 | Proapoptotic Bcl-2 relative Bim required for certain apoptotic responses, leukocyte homeostasis, and to preclude autoimmunity. *Science*, **1999**, 286, 1735-8 | 33.3 | 1288 |
| 203 | Apoptosis signaling. *Annual Review of Biochemistry*, **2000**, 69, 217-45 | 29.1 | 1277 |
| 202 | The Immunological Genome Project: networks of gene expression in immune cells. *Nature Immunology*, **2008**, 9, 1091-4 | 19.1 | 1098 |
| 201 | p53- and drug-induced apoptotic responses mediated by BH3-only proteins puma and noxa. *Science* , **2003**, 302, 1036-8 | 33.3 | 1079 |
| 200 | bcl-2 transgene inhibits T cell death and perturbs thymic self-censorship. *Cell*, **1991**, 67, 889-99 | 56.2 | 984 |
| 199 | Apoptosis initiated when BH3 ligands engage multiple Bcl-2 homologs, not Bax or Bak. *Science*, **2007**, 315, 856-9 | 33.3 | 937 |
| 198 | The proapoptotic activity of the Bcl-2 family member Bim is regulated by interaction with the dynein motor complex. *Molecular Cell*, **1999**, 3, 287-96 | 17.6 | 911 |
| 197 | BH3-Only proteins-essential initiators of apoptotic cell death. *Cell*, **2000**, 103, 839-42 | 56.2 | 899 |
| 196 | Novel primitive lymphoid tumours induced in transgenic mice by cooperation between myc and bcl-2. *Nature*, **1990**, 348, 331-3 | 50.4 | 784 |
| 195 | The pseudokinase MLKL mediates necroptosis via a molecular switch mechanism. *Immunity*, **2013**, 39, 443-53 | 32.3 | 717 |
| 194 | The many roles of FAS receptor signaling in the immune system. *Immunity*, **2009**, 30, 180-92 | 32.3 | 669 |
| 193 | BH3-only Bcl-2 family member Bim is required for apoptosis of autoreactive thymocytes. *Nature*, **2002**, 415, 922-6 | 50.4 | 642 |
| 192 | The MCL1 inhibitor S63845 is tolerable and effective in diverse cancer models. *Nature*, **2016**, 538, 477-482 | 50.4 | 617 |
| 191 | The role of BH3-only proteins in the immune system. *Nature Reviews Immunology*, **2005**, 5, 189-200 | 36.5 | 508 |

| | | | |
|---|---|---|---|
| 190 | Thirty years of BCL-2: translating cell death discoveries into novel cancer therapies. *Nature Reviews Cancer*, **2016**, 16, 99-109 | 31.3 | 459 |
| 189 | How does p53 induce apoptosis and how does this relate to p53-mediated tumour suppression?. *Cell Death and Differentiation*, **2018**, 25, 104-113 | 12.7 | 437 |
| 188 | Deciphering the rules of programmed cell death to improve therapy of cancer and other diseases. *EMBO Journal*, **2011**, 30, 3667-83 | 13 | 378 |
| 187 | XIAP discriminates between type I and type II FAS-induced apoptosis. *Nature*, **2009**, 460, 1035-9 | 50.4 | 344 |
| 186 | Developmental kinetics, turnover, and stimulatory capacity of thymic epithelial cells. *Blood*, **2006**, 108, 3777-85 | 2.2 | 335 |
| 185 | Control of apoptosis in the immune system: Bcl-2, BH3-only proteins and more. *Annual Review of Immunology*, **2003**, 21, 71-105 | 34.7 | 307 |
| 184 | Homeostatic control of regulatory T cell diversity. *Nature Reviews Immunology*, **2014**, 14, 154-65 | 36.5 | 296 |
| 183 | Membrane-bound Fas ligand only is essential for Fas-induced apoptosis. *Nature*, **2009**, 461, 659-63 | 50.4 | 296 |
| 182 | CCR7 signals are essential for cortex-medulla migration of developing thymocytes. *Journal of Experimental Medicine*, **2004**, 200, 493-505 | 16.6 | 290 |
| 181 | Proliferative arrest and rapid turnover of thymic epithelial cells expressing Aire. *Journal of Experimental Medicine*, **2007**, 204, 2521-8 | 16.6 | 282 |
| 180 | The ubiquitin ligase XIAP recruits LUBAC for NOD2 signaling in inflammation and innate immunity. *Molecular Cell*, **2012**, 46, 746-58 | 17.6 | 272 |
| 179 | Gene dosage--limiting role of Aire in thymic expression, clonal deletion, and organ-specific autoimmunity. *Journal of Experimental Medicine*, **2004**, 200, 1015-26 | 16.6 | 254 |
| 178 | Loss of the pro-apoptotic BH3-only Bcl-2 family member Bim inhibits BCR stimulation-induced apoptosis and deletion of autoreactive B cells. *Journal of Experimental Medicine*, **2003**, 198, 1119-26 | 16.6 | 245 |
| 177 | Degenerative disorders caused by Bcl-2 deficiency prevented by loss of its BH3-only antagonist Bim. *Developmental Cell*, **2001**, 1, 645-53 | 10.2 | 235 |
| 176 | An inducible lentiviral guide RNA platform enables the identification of tumor-essential genes and tumor-promoting mutations in vivo. *Cell Reports*, **2015**, 10, 1422-32 | 10.6 | 233 |
| 175 | BH3-only proteins Puma and Bim are rate-limiting for gamma-radiation- and glucocorticoid-induced apoptosis of lymphoid cells in vivo. *Blood*, **2005**, 106, 4131-8 | 2.2 | 231 |
| 174 | Mcl-1 is essential for the survival of plasma cells. *Nature Immunology*, **2013**, 14, 290-7 | 19.1 | 214 |
| 173 | A type III effector antagonizes death receptor signalling during bacterial gut infection. *Nature*, **2013**, 501, 247-51 | 50.4 | 200 |

| | | | |
|---|---|---|---|
| 172 | The transcriptional landscape of T cell differentiation. *Nature Immunology*, **2013**, 14, 619-32 | 19.1 | 197 |
| 171 | Apoptosis regulators Fas and Bim cooperate in shutdown of chronic immune responses and prevention of autoimmunity. *Immunity*, **2008**, 28, 197-205 | 32.3 | 196 |
| 170 | Interleukin 15-mediated survival of natural killer cells is determined by interactions among Bim, Noxa and Mcl-1. *Nature Immunology*, **2007**, 8, 856-63 | 19.1 | 196 |
| 169 | p53 efficiently suppresses tumor development in the complete absence of its cell-cycle inhibitory and proapoptotic effectors p21, Puma, and Noxa. *Cell Reports*, **2013**, 3, 1339-45 | 10.6 | 189 |
| 168 | Role for CCR7 ligands in the emigration of newly generated T lymphocytes from the neonatal thymus. *Immunity*, **2002**, 16, 205-18 | 32.3 | 189 |
| 167 | Acquisition of the Recurrent Gly101Val Mutation in BCL2 Confers Resistance to Venetoclax in Patients with Progressive Chronic Lymphocytic Leukemia. *Cancer Discovery*, **2019**, 9, 342-353 | 24.4 | 188 |
| 166 | Puma cooperates with Bim, the rate-limiting BH3-only protein in cell death during lymphocyte development, in apoptosis induction. *Journal of Experimental Medicine*, **2006**, 203, 2939-51 | 16.6 | 185 |
| 165 | CIS is a potent checkpoint in NK cell-mediated tumor immunity. *Nature Immunology*, **2016**, 17, 816-24 | 19.1 | 185 |
| 164 | Keratinocyte growth factor (KGF) is required for postnatal thymic regeneration. *Blood*, **2006**, 107, 2453-60 | 22 | 184 |
| 163 | bcl-2 transgene expression inhibits apoptosis in the germinal center and reveals differences in the selection of memory B cells and bone marrow antibody-forming cells. *Journal of Experimental Medicine*, **2000**, 191, 475-84 | 16.6 | 179 |
| 162 | Effects of castration on thymocyte development in two different models of thymic involution. *Journal of Immunology*, **2005**, 175, 2982-93 | 5.3 | 174 |
| 161 | XIAP restricts TNF- and RIP3-dependent cell death and inflammasome activation. *Cell Reports*, **2014**, 7, 1796-808 | 10.6 | 172 |
| 160 | Antiapoptotic Mcl-1 is critical for the survival and niche-filling capacity of Foxp3+ regulatory T cells. *Nature Immunology*, **2013**, 14, 959-65 | 19.1 | 172 |
| 159 | Genetic inversion in mast cell-deficient (Wsh) mice interrupts corin and manifests as hematopoietic and cardiac aberrancy. *American Journal of Pathology*, **2008**, 173, 1693-701 | 5.8 | 171 |
| 158 | Analysis of thymic stromal cell populations using flow cytometry. *Journal of Immunological Methods*, **2002**, 260, 15-28 | 2.5 | 171 |
| 157 | The BH3-only protein bid is dispensable for DNA damage- and replicative stress-induced apoptosis or cell-cycle arrest. *Cell*, **2007**, 129, 423-33 | 56.2 | 170 |
| 156 | Combined immune checkpoint blockade as a therapeutic strategy for -mutated breast cancer. *Science Translational Medicine*, **2017**, 9, | 17.5 | 167 |
| 155 | Mcl-1 is essential for germinal center formation and B cell memory. *Science*, **2010**, 330, 1095-9 | 33.3 | 161 |

| | | | |
|---|---|---|---|
| 154 | BH3-Mimetic Drugs: Blazing the Trail for New Cancer Medicines. *Cancer Cell*, **2018**, 34, 879-891 | 24.3 | 161 |
| 153 | The role of BH3-only protein Bim extends beyond inhibiting Bcl-2-like prosurvival proteins. *Journal of Cell Biology*, **2009**, 186, 355-62 | 7.3 | 154 |
| 152 | T-lymphocyte death during shutdown of an immune response. *Trends in Immunology*, **2004**, 25, 610-5 | 14.4 | 147 |
| 151 | Estrogen influences the differentiation, proliferation, and survival of early B-lineage precursors. *Blood*, **2000**, 95, 2059-2067 | 2.2 | 141 |
| 150 | The Pseudokinase MLKL and the Kinase RIPK3 Have Distinct Roles in Autoimmune Disease Caused by Loss of Death-Receptor-Induced Apoptosis. *Immunity*, **2016**, 45, 513-526 | 32.3 | 138 |
| 149 | Bcl-2 expression promotes B- but not T-lymphoid development in scid mice. *Nature*, **1994**, 368, 457-60 | 50.4 | 135 |
| 148 | The thymic epithelial microRNA network elevates the threshold for infection-associated thymic involution via miR-29a mediated suppression of the IFN- receptor. *Nature Immunology*, **2011**, 13, 181-7 | 19.1 | 133 |
| 147 | FADD/MORT1 regulates the pre-TCR checkpoint and can function as a tumour suppressor. *EMBO Journal*, **2000**, 19, 931-41 | 13 | 129 |
| 146 | Peripheral deletion of autoreactive CD8 T cells by cross presentation of self-antigen occurs by a Bcl-2-inhibitable pathway mediated by Bim. *Journal of Experimental Medicine*, **2002**, 196, 947-55 | 16.6 | 127 |
| 145 | Essential role for the BH3-only protein Bim but redundant roles for Bax, Bcl-2, and Bcl-w in the control of granulocyte survival. *Blood*, **2003**, 101, 2393-400 | 2.2 | 126 |
| 144 | Targeting of MCL-1 kills MYC-driven mouse and human lymphomas even when they bear mutations in p53. *Genes and Development*, **2014**, 28, 58-70 | 12.6 | 121 |
| 143 | Innate immunodeficiency following genetic ablation of Mcl1 in natural killer cells. *Nature Communications*, **2014**, 5, 4539 | 17.4 | 113 |
| 142 | Thymic generation and regeneration. *Immunological Reviews*, **2003**, 195, 28-50 | 11.3 | 111 |
| 141 | LUBAC is essential for embryogenesis by preventing cell death and enabling haematopoiesis. *Nature*, **2018**, 557, 112-117 | 50.4 | 110 |
| 140 | Multilineage potential and self-renewal define an epithelial progenitor cell population in the adult thymus. *Cell Reports*, **2014**, 8, 1198-209 | 10.6 | 109 |
| 139 | Synergy between the KEAP1/NRF2 and PI3K Pathways Drives Non-Small-Cell Lung Cancer with an Altered Immune Microenvironment. *Cell Metabolism*, **2018**, 27, 935-943.e4 | 24.6 | 106 |
| 138 | Loss of the BH3-only protein Bmf impairs B cell homeostasis and accelerates gamma irradiation-induced thymic lymphoma development. *Journal of Experimental Medicine*, **2008**, 205, 641-55 | 16.6 | 105 |
| 137 | The Mitochondrial Apoptotic Effectors BAX/BAK Activate Caspase-3 and -7 to Trigger NLRP3 Inflammasome and Caspase-8 Driven IL-1 Activation. *Cell Reports*, **2018**, 25, 2339-2353.e4 | 10.6 | 102 |

| | | | |
|---|---|---|---|
| 136 | Intrahepatic murine CD8 T-cell activation associates with a distinct phenotype leading to Bim-dependent death. *Gastroenterology*, **2008**, 135, 989-97 | 13.3 | 98 |
| 135 | Proapoptotic BH3-only Bcl-2 family member Bik/Blk/Nbk is expressed in hemopoietic and endothelial cells but is redundant for their programmed death. *Molecular and Cellular Biology*, **2004**, 24, 1570-81 | 4.8 | 98 |
| 134 | The combined absence of NF-kappa B1 and c-Rel reveals that overlapping roles for these transcription factors in the B cell lineage are restricted to the activation and function of mature cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 4514-9 | 11.5 | 96 |
| 133 | Tumor-Suppressor Functions of the TP53 Pathway. *Cold Spring Harbor Perspectives in Medicine*, **2016**, 6, | 5.4 | 95 |
| 132 | Dynamic molecular monitoring reveals that SWI-SNF mutations mediate resistance to ibrutinib plus venetoclax in mantle cell lymphoma. *Nature Medicine*, **2019**, 25, 119-129 | 50.5 | 94 |
| 131 | The lymphotoxin pathway regulates Aire-independent expression of ectopic genes and chemokines in thymic stromal cells. *Journal of Immunology*, **2008**, 180, 5384-92 | 5.3 | 87 |
| 130 | Visualization and identification of IL-7 producing cells in reporter mice. *PLoS ONE*, **2009**, 4, e7637 | 3.7 | 85 |
| 129 | Concomitant loss of proapoptotic BH3-only Bcl-2 antagonists Bik and Bim arrests spermatogenesis. *EMBO Journal*, **2005**, 24, 3963-73 | 13 | 84 |
| 128 | BCL-XL and MCL-1 are the key BCL-2 family proteins in melanoma cell survival. *Cell Death and Disease*, **2019**, 10, 342 | 9.8 | 81 |
| 127 | Lymphotoxin pathway and Aire influences on thymic medullary epithelial cells are unconnected. *Journal of Immunology*, **2007**, 179, 5693-700 | 5.3 | 81 |
| 126 | Generalized resistance to thymic deletion in the NOD mouse; a polygenic trait characterized by defective induction of Bim. *Immunity*, **2004**, 21, 817-30 | 32.3 | 80 |
| 125 | Fas-mediated neutrophil apoptosis is accelerated by Bid, Bak, and Bax and inhibited by Bcl-2 and Mcl-1. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 13135-40 | 11.5 | 79 |
| 124 | Death receptor-induced apoptosis signalling - essential guardian against autoimmune disease. *Arthritis Research and Therapy*, **2012**, 14, | 5.7 | 78 |
| 123 | Proapoptotic BH3-only protein Bid is essential for death receptor-induced apoptosis of pancreatic beta-cells. *Diabetes*, **2008**, 57, 1284-92 | 0.9 | 78 |
| 122 | Controlling the thymic microenvironment. *Current Opinion in Immunology*, **2005**, 17, 137-43 | 7.8 | 73 |
| 121 | VDAC2 enables BAX to mediate apoptosis and limit tumor development. *Nature Communications*, **2018**, 9, 4976 | 17.4 | 73 |
| 120 | DNA repair processes are critical mediators of p53-dependent tumor suppression. *Nature Medicine*, **2018**, 24, 947-953 | 50.5 | 69 |
| 119 | Stromal cells provide the matrix for migration of early lymphoid progenitors through the thymic cortex. *Journal of Immunology*, **2002**, 169, 4354-61 | 5.3 | 69 |

| | | | |
|---|---|---|---|
| 118 | Unbiased analysis, enrichment and purification of thymic stromal cells. *Journal of Immunological Methods*, **2008**, 329, 56-66 | 2.5 | 68 |
| 117 | The essential role of evasion from cell death in cancer. *Advances in Cancer Research*, **2011**, 111, 39-96 | 5.9 | 67 |
| 116 | MEK/ERK-mediated phosphorylation of Bim is required to ensure survival of T and B lymphocytes during mitogenic stimulation. *Journal of Immunology*, **2009**, 183, 261-9 | 5.3 | 66 |
| 115 | Negative selection of semimature CD4(+)8(-)HSA+ thymocytes requires the BH3-only protein Bim but is independent of death receptor signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 7052-7 | 11.5 | 66 |
| 114 | Anti-apoptotic proteins BCL-2, MCL-1 and A1 summate collectively to maintain survival of immune cell populations both in vitro and in vivo. *Cell Death and Differentiation*, **2017**, 24, 878-888 | 12.7 | 62 |
| 113 | Danger-free autoimmune disease in Aire-deficient mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 18193-8 | 11.5 | 61 |
| 112 | The molecular signature of CD8+ T cells undergoing deletional tolerance. *Blood*, **2009**, 113, 4575-85 | 2.2 | 60 |
| 111 | A Phase Ib Dose-Escalation and Expansion Study of the BCL2 Inhibitor Venetoclax Combined with Tamoxifen in ER and BCL2-Positive Metastatic Breast Cancer. *Cancer Discovery*, **2019**, 9, 354-369 | 24.4 | 60 |
| 110 | Genetic lesions in T-cell tolerance and thresholds for autoimmunity. *Immunological Reviews*, **2005**, 204, 87-101 | 11.3 | 57 |
| 109 | Viewing BCL2 and cell death control from an evolutionary perspective. *Cell Death and Differentiation*, **2018**, 25, 13-20 | 12.7 | 57 |
| 108 | The BH3-only proteins Bim and Puma cooperate to impose deletional tolerance of organ-specific antigens. *Immunity*, **2012**, 37, 451-62 | 32.3 | 55 |
| 107 | A unique thymic fibroblast population revealed by the monoclonal antibody MTS-15. *Journal of Immunology*, **2007**, 178, 4956-65 | 5.3 | 53 |
| 106 | Platelet production proceeds independently of the intrinsic and extrinsic apoptosis pathways. *Nature Communications*, **2014**, 5, 3455 | 17.4 | 51 |
| 105 | LUBAC prevents lethal dermatitis by inhibiting cell death induced by TNF, TRAIL and CD95L. *Nature Communications*, **2018**, 9, 3910 | 17.4 | 49 |
| 104 | Humanized mice enable accurate preclinical evaluation of MCL-1 inhibitors destined for clinical use. *Blood*, **2018**, 132, 1573-1583 | 2.2 | 49 |
| 103 | Cell Death in the Origin and Treatment of Cancer. *Molecular Cell*, **2020**, 78, 1045-1054 | 17.6 | 46 |
| 102 | Eliminating Legionella by inhibiting BCL-XL to induce macrophage apoptosis. *Nature Microbiology*, **2016**, 1, 15034 | 26.6 | 46 |
| 101 | Type I interferon drives dendritic cell apoptosis via multiple BH3-only proteins following activation by PolyIC in vivo. *PLoS ONE*, **2011**, 6, e20189 | 3.7 | 45 |

| | | | |
|---|---|---|---|
| 100 | EGF-mediated induction of Mcl-1 at the switch to lactation is essential for alveolar cell survival. *Nature Cell Biology*, **2015**, 17, 365-75 | 23.4 | 44 |
| 99 | Mutually exclusive regulation of T cell survival by IL-7R and antigen receptor-induced signals. *Nature Communications*, **2013**, 4, 1735 | 17.4 | 43 |
| 98 | MCL-1 is required throughout B-cell development and its loss sensitizes specific B-cell subsets to inhibition of BCL-2 or BCL-XL. *Cell Death and Disease*, **2016**, 7, e2345 | 9.8 | 42 |
| 97 | Ubiquitin ligase MARCH 8 cooperates with CD83 to control surface MHC II expression in thymic epithelium and CD4 T cell selection. *Journal of Experimental Medicine*, **2016**, 213, 1695-703 | 16.6 | 42 |
| 96 | Enhanced stability of Mcl1, a prosurvival Bcl2 relative, blunts stress-induced apoptosis, causes male sterility, and promotes tumorigenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 261-6 | 11.5 | 41 |
| 95 | BH3-only protein Puma contributes to death of antigen-specific T cells during shutdown of an immune response to acute viral infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 3035-40 | 11.5 | 41 |
| 94 | Cell cycle progression dictates the requirement for BCL2 in natural killer cell survival. *Journal of Experimental Medicine*, **2017**, 214, 491-510 | 16.6 | 40 |
| 93 | Prosurvival Bcl-2 family members reveal a distinct apoptotic identity between conventional and plasmacytoid dendritic cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 4044-9 | 11.5 | 39 |
| 92 | Characterisation of mice lacking all functional isoforms of the pro-survival BCL-2 family member A1 reveals minor defects in the haematopoietic compartment. *Cell Death and Differentiation*, **2017**, 24, 534-545 | 12.7 | 38 |
| 91 | NF-kappaB1 and c-Rel cooperate to promote the survival of TLR4-activated B cells by neutralizing Bim via distinct mechanisms. *Blood*, **2008**, 112, 5063-73 | 2.2 | 38 |
| 90 | Proapoptotic Bak and Bax guard against fatal systemic and organ-specific autoimmune disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 2599-604 | 11.5 | 37 |
| 89 | Bcl-2 antagonists kill plasmacytoid dendritic cells from lupus-prone mice and dampen interferon- production. *Arthritis and Rheumatology*, **2015**, 67, 797-808 | 9.5 | 35 |
| 88 | MCL-1 but not BCL-XL is critical for the development and sustained expansion of thymic lymphoma in p53-deficient mice. *Blood*, **2014**, 124, 3939-46 | 2.2 | 35 |
| 87 | A critical epithelial survival axis regulated by MCL-1 maintains thymic function in mice. *Blood*, **2017**, 130, 2504-2515 | 2.2 | 34 |
| 86 | Linear ubiquitin chain assembly complex coordinates late thymic T-cell differentiation and regulatory T-cell homeostasis. *Nature Communications*, **2016**, 7, 13353 | 17.4 | 34 |
| 85 | Autophagy-dependent regulatory T cells are critical for the control of graft-versus-host disease. *JCI Insight*, **2016**, 1, e86850 | 9.9 | 33 |
| 84 | Loss of a Single Mcl-1 Allele Inhibits MYC-Driven Lymphomagenesis by Sensitizing Pro-B Cells to Apoptosis. *Cell Reports*, **2016**, 14, 2337-47 | 10.6 | 33 |
| 83 | Cell death and thymic tolerance. *Immunological Reviews*, **2017**, 277, 9-20 | 11.3 | 31 |

| | | | |
|---|---|---|---|
| 82 | Defects in the Bcl-2-regulated apoptotic pathway lead to preferential increase of CD25 low Foxp3+ anergic CD4+ T cells. *Journal of Immunology*, **2011**, 187, 1566-77 | 5.3 | 30 |
| 81 | Differential Responsiveness of Innate-like IL-17- and IFN-Producing T Cells to Homeostatic Cytokines. *Journal of Immunology*, **2016**, 196, 645-54 | 5.3 | 29 |
| 80 | Physiological restraint of Bak by Bcl-xL is essential for cell survival. *Genes and Development*, **2016**, 30, 1240-50 | 12.6 | 29 |
| 79 | Dual Targeting of CDK4/6 and BCL2 Pathways Augments Tumor Response in Estrogen Receptor-Positive Breast Cancer. *Clinical Cancer Research*, **2020**, 26, 4120-4134 | 12.9 | 29 |
| 78 | NFB1 is essential to prevent the development of multiorgan autoimmunity by limiting IL-6 production in follicular B cells. *Journal of Experimental Medicine*, **2016**, 213, 621-41 | 16.6 | 28 |
| 77 | The life and death of immune cell types: the role of BCL-2 anti-apoptotic molecules. *Immunology and Cell Biology*, **2017**, 95, 870-877 | 5 | 28 |
| 76 | Inhibition of apoptosis by BCL2 prevents leukemic transformation of a murine myelodysplastic syndrome. *Blood*, **2012**, 120, 2475-83 | 2.2 | 28 |
| 75 | A genetic and functional relationship between T cells and cellular proliferation in the adult hippocampus. *PLoS Biology*, **2010**, 8, e1000561 | 9.7 | 27 |
| 74 | Therapeutic Response to Non-genotoxic Activation of p53 by Nutlin3a Is Driven by PUMA-Mediated Apoptosis in Lymphoma Cells. *Cell Reports*, **2016**, 14, 1858-66 | 10.6 | 25 |
| 73 | Chronically stimulated human MAIT cells are unexpectedly potent IL-13 producers. *Immunology and Cell Biology*, **2019**, 97, 689-699 | 5 | 25 |
| 72 | Foxo-mediated Bim transcription is dispensable for the apoptosis of hematopoietic cells that is mediated by this BH3-only protein. *EMBO Reports*, **2013**, 14, 992-8 | 6.5 | 25 |
| 71 | Autoreactive T cells induce necrosis and not BCL-2-regulated or death receptor-mediated apoptosis or RIPK3-dependent necroptosis of transplanted islets in a mouse model of type 1 diabetes. *Diabetologia*, **2015**, 58, 140-8 | 10.3 | 24 |
| 70 | The transcriptional regulator Rel is essential for antigen receptor-mediated stimulation of mature T cells but dispensable for positive and negative selection of thymocytes and T cell apoptosis. *European Journal of Immunology*, **1999**, 29, 928-35 | 6.1 | 24 |
| 69 | Characterization of Blimp-1 function in effector regulatory T cells. *Journal of Autoimmunity*, **2018**, 91, 73-82 | 15.5 | 23 |
| 68 | Blockade of the co-inhibitory molecule PD-1 unleashes ILC2-dependent antitumor immunity in melanoma. *Nature Immunology*, **2021**, 22, 851-864 | 19.1 | 23 |
| 67 | ImmGen at 15. *Nature Immunology*, **2020**, 21, 700-703 | 19.1 | 20 |
| 66 | Isolation of thymic epithelial cells and analysis by flow cytometry. *Current Protocols in Immunology*, **2014**, 107, 3.26.1-3.26.15 | 4 | 20 |
| 65 | The BCL-2 pro-survival protein A1 is dispensable for T cell homeostasis on viral infection. *Cell Death and Differentiation*, **2017**, 24, 523-533 | 12.7 | 19 |

| | | | |
|---|---|---|---|
| 64 | Loss of p53 Causes Stochastic Aberrant X-Chromosome Inactivation and Female-Specific Neural Tube Defects. *Cell Reports*, **2019**, 27, 442-454.e5 | 10.6 | 19 |
| 63 | The NF-B1 transcription factor prevents the intrathymic development of CD8 T cells with memory properties. *EMBO Journal*, **2012**, 31, 692-706 | 13 | 19 |
| 62 | Deep profiling of apoptotic pathways with mass cytometry identifies a synergistic drug combination for killing myeloma cells. *Cell Death and Differentiation*, **2020**, 27, 2217-2233 | 12.7 | 18 |
| 61 | Transgenic expression of GM-CSF in T cells causes disseminated histiocytosis. *American Journal of Pathology*, **2014**, 184, 184-99 | 5.8 | 18 |
| 60 | PHF6 regulates hematopoietic stem and progenitor cells and its loss synergizes with expression of TLX3 to cause leukemia. *Blood*, **2019**, 133, 1729-1741 | 2.2 | 18 |
| 59 | Caspase-8 inactivation in T cells increases necroptosis and suppresses autoimmunity in Bim-/- mice. *Journal of Cell Biology*, **2011**, 195, 277-91 | 7.3 | 17 |
| 58 | Efficient T cell receptor-mediated apoptosis in nonobese diabetic mouse thymocytes. *Nature Immunology*, **2003**, 4, 717; author reply 718 | 19.1 | 17 |
| 57 | How do thymic epithelial cells die?. *Cell Death and Differentiation*, **2018**, 25, 1002-1004 | 12.7 | 16 |
| 56 | The manipulation of apoptosis for cancer therapy using BH3-mimetic drugs. *Nature Reviews Cancer*, **2021**, | 31.3 | 16 |
| 55 | Aire mediates thymic expression and tolerance of pancreatic antigens via an unconventional transcriptional mechanism. *European Journal of Immunology*, **2013**, 43, 75-84 | 6.1 | 15 |
| 54 | Is BID required for NOD signalling?. *Nature*, **2012**, 488, E4-6; discussion E6-8 | 50.4 | 15 |
| 53 | Bcl-2 overexpression ameliorates immune complex-mediated arthritis by altering FcRIIb expression and monocyte homeostasis. *Journal of Leukocyte Biology*, **2013**, 93, 585-97 | 6.5 | 15 |
| 52 | Toward Targeting Antiapoptotic MCL-1 for Cancer Therapy. *Annual Review of Cancer Biology*, **2020**, 4, 299-313 | 13.3 | 15 |
| 51 | Thymospheres Are Formed by Mesenchymal Cells with the Potential to Generate Adipocytes, but Not Epithelial Cells. *Cell Reports*, **2017**, 21, 934-942 | 10.6 | 14 |
| 50 | The BH3-only proteins BIM and PUMA are not critical for the reticulocyte apoptosis caused by loss of the pro-survival protein BCL-XL. *Cell Death and Disease*, **2017**, 8, e2914 | 9.8 | 14 |
| 49 | Characterisation of mice lacking the inflammatory caspases-1/11/12 reveals no contribution of caspase-12 to cell death and sepsis. *Cell Death and Differentiation*, **2019**, 26, 1124-1137 | 12.7 | 14 |
| 48 | Removing unwanted variation with CytofRUV to integrate multiple CyTOF datasets. *ELife*, **2020**, 9, | 8.9 | 13 |
| 47 | RAG-induced DNA lesions activate proapoptotic BIM to suppress lymphomagenesis in p53-deficient mice. *Journal of Experimental Medicine*, **2016**, 213, 2039-48 | 16.6 | 12 |

| | | | |
|---|---|---|---|
| 46 | Antigen challenge inhibits thymic emigration. *Journal of Immunology*, **2006**, 176, 4553-61 | 5.3 | 12 |
| 45 | Potent efficacy of MCL-1 inhibitor-based therapies in preclinical models of mantle cell lymphoma. *Oncogene*, **2020**, 39, 2009-2023 | 9.2 | 12 |
| 44 | Impact of loss of NF-B1, NF-B2 or c-REL on SLE-like autoimmune disease and lymphadenopathy in Fas(lpr/lpr) mutant mice. *Immunology and Cell Biology*, **2016**, 94, 66-78 | 5 | 11 |
| 43 | Mesenchymal stromal cell apoptosis is required for their therapeutic function. *Nature Communications*, **2021**, 12, 6495 | 17.4 | 11 |
| 42 | Loss of c-REL but not NF-B2 prevents autoimmune disease driven by FasL mutation. *Cell Death and Differentiation*, **2015**, 22, 767-78 | 12.7 | 10 |
| 41 | Elevated Mcl-1 inhibits thymocyte apoptosis and alters thymic selection. *Cell Death and Differentiation*, **2012**, 19, 1962-71 | 12.7 | 10 |
| 40 | Discussion of some SknownsSand some SunknownsSabout the tumour suppressor p53. *Journal of Molecular Cell Biology*, **2019**, 11, 212-223 | 6.3 | 10 |
| 39 | Mutant TRP53 exerts a target gene-selective dominant-negative effect to drive tumor development. *Genes and Development*, **2018**, 32, 1420-1429 | 12.6 | 10 |
| 38 | BIM Deficiency Protects NOD Mice From Diabetes by Diverting Thymocytes to Regulatory T Cells. *Diabetes*, **2015**, 64, 3229-38 | 0.9 | 9 |
| 37 | An Unbiased Linkage Approach Reveals That the p53 Pathway Is Coupled to NK Cell Maturation. *Journal of Immunology*, **2017**, 199, 1490-1504 | 5.3 | 8 |
| 36 | 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 | 12.7 | 8 |
| 35 | Loss of PUMA (BBC3) does not prevent thrombocytopenia caused by the loss of BCL-XL (BCL2L1). *British Journal of Haematology*, **2016**, 174, 962-9 | 4.5 | 6 |
| 34 | CARD11 is dispensable for homeostatic responses and suppressive activity of peripherally induced FOXP3 regulatory T cells. *Immunology and Cell Biology*, **2019**, 97, 740-752 | 5 | 5 |
| 33 | Deletion of self-reactive CCR7- thymocytes in the absence of MHC expression on thymic epithelial cells. *Cell Death and Differentiation*, **2019**, 26, 2727-2739 | 12.7 | 5 |
| 32 | p53-upregulated-modulator-of-apoptosis (PUMA) deficiency affects food intake but does not impact on body weight or glucose homeostasis in diet-induced obesity. *Scientific Reports*, **2016**, 6, 23802 | 4.9 | 5 |
| 31 | Nfkb2 variants reveal a p100-degradation threshold that defines autoimmune susceptibility. *Journal of Experimental Medicine*, **2021**, 218, | 16.6 | 5 |
| 30 | Unresponsiveness to inhaled antigen is governed by conventional dendritic cells and overridden during infection by monocytes. *Science Immunology*, **2020**, 5, | 28 | 5 |
| 29 | DNA-binding of the Tet-transactivator curtails antigen-induced lymphocyte activation in mice. *Nature Communications*, **2017**, 8, 1028 | 17.4 | 4 |

| | | | |
|---|---|---|---|
| 28 | Can you rely on Treg cells on the rebound?. *European Journal of Immunology*, **2014**, 44, 3504-7 | 6.1 | 4 |
| 27 | Ubiquitination of MHC Class II Is Required for Development of Regulatory but Not Conventional CD4 T Cells. *Journal of Immunology*, **2020**, 205, 1207-1216 | 5.3 | 4 |
| 26 | miR17~92 restrains pro-apoptotic BIM to ensure survival of haematopoietic stem and progenitor cells. *Cell Death and Differentiation*, **2020**, 27, 1475-1488 | 12.7 | 4 |
| 25 | Loss of BIM augments resistance of ATM-deficient thymocytes to DNA damage-induced apoptosis but does not accelerate lymphoma development. *Cell Death and Differentiation*, **2017**, 24, 1987-1988 | 12.7 | 3 |
| 24 | The pro-survival Bcl-2 family member A1 delays spontaneous and FAS ligand-induced apoptosis of activated neutrophils. *Cell Death and Disease*, **2020**, 11, 474 | 9.8 | 2 |
| 23 | Uhrf to Treg cells: reinforcing the mucosal peacekeepers. *Nature Immunology*, **2014**, 15, 533-4 | 19.1 | 2 |
| 22 | BCL-XL exerts a protective role against anemia caused by radiation-induced kidney damage. *EMBO Journal*, **2020**, 39, e105561 | 13 | 2 |
| 21 | CytofRUV: Removing unwanted variation to integrate multiple CyTOF datasets | | 2 |
| 20 | Characterization of a novel human BFL-1-specific monoclonal antibody. *Cell Death and Differentiation*, **2020**, 27, 826-828 | 12.7 | 2 |
| 19 | Reinforcing the SgauntletSof thymic negative selection via exosomal transfer of self-antigens. *Immunology and Cell Biology*, **2015**, 93, 679-80 | 5 | 1 |
| 18 | BAX requires VDAC2 to mediate apoptosis and to limit tumor development | | 1 |
| 17 | miR17~92 is essential for the survival of hematopoietic stem and progenitor cells by restraining pro-apoptotic BIM | | 1 |
| 16 | Consequences of Zmat3 loss in c-MYC- and mutant KRAS-driven tumorigenesis. *Cell Death and Disease*, **2020**, 11, 877 | 9.8 | 1 |
| 15 | Absence of pro-survival A1 has no impact on inflammatory cell survival in vivo during acute lung inflammation and peritonitis. *Cell Death and Differentiation*, **2021**, | 12.7 | 1 |
| 14 | Single-Cell RNA Sequencing Approaches for Tracing T Cell Development. *Journal of Immunology*, **2021**, 207, 363-370 | 5.3 | 1 |
| 13 | Dual roles for LUBAC signaling in thymic epithelial cell development and survival. *Cell Death and Differentiation*, **2021**, 28, 2946-2956 | 12.7 | 1 |
| 12 | Some mice lacking intrinsic, as well as death receptor induced apoptosis and necroptosis, can survive to adulthood.. *Cell Death and Disease*, **2022**, 13, 317 | 9.8 | 1 |
| 11 | MCL-1 is essential for survival but dispensable for metabolic fitness of FOXP3 regulatory T cells. *Cell Death and Differentiation*, **2020**, 27, 3374-3385 | 12.7 | 0 |

| | | | |
|---|---|---|---|
| 10 | The 2019 Lasker Award: T cells and B cells, whose life and death are essential for function of the immune system. *Cell Death and Differentiation*, **2019**, 26, 2513-2515 | 12.7 | 0 |
| 9 | Thymus and Tolerance in Transplantation **2004**, 675-686 | | 0 |
| 8 | Caspase-8 has dual roles in regulatory T cell homeostasis balancing immunity to infection and collateral inflammatory damage.. *Science Immunology*, **2022**, 7, eabn8041 | 28 | 0 |
| 7 | Removal of BFL-1 sensitises some melanoma cells to killing by BH3 mimetic drugs.. *Cell Death and Disease*, **2022**, 13, 301 | 9.8 | 0 |
| 6 | PD-1 cooperates with AIRE-mediated tolerance to prevent lethal autoimmune disease.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2120149119 | 11.5 | 0 |
| 5 | The acetyltransferase KAT7 is required for thymic epithelial cell expansion, expression of AIRE target genes, and thymic tolerance.. *Science Immunology*, **2022**, 7, eabb6032 | 28 | 0 |
| 4 | It's not over until the FAT lady sings. *EMBO Journal*, **2014**, 33, 173-5 | 13 | |
| 3 | The thymic medulla: who needs it?. *Immunology and Cell Biology*, **2013**, 91, 541-2 | 5 | |
| 2 | Mutant p53 Enhances the Development and Sustained Growth of MYC-Driven Lymphoma and Exerts a Dominant Negative Effect Preferentially Deregulating Pathways for Metabolism and DNA Repair. *Blood*, **2016**, 128, 1545-1545 | 2.2 | |
| 1 | Control of Cell Survival and Apoptosis **2016**, 97-105 | | |