Daniel H Gray

List of Publications by Year in Descending Order

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	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
206	Removal of BFL-1 sensitises some melanoma cells to killing by BH3 mimetic drugs.. *Cell Death and Disease*, **2022**, 13, 301	9.8	0
205	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
204	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
203	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
202	Mesenchymal stromal cell apoptosis is required for their therapeutic function. *Nature Communications*, **2021**, 12, 6495	17.4	11
201	The manipulation of apoptosis for cancer therapy using BH3-mimetic drugs. *Nature Reviews Cancer*, **2021**,	31.3	16
200	Nfkb2 variants reveal a p100-degradation threshold that defines autoimmune susceptibility. *Journal of Experimental Medicine*, **2021**, 218,	16.6	5
199	Blockade of the co-inhibitory molecule PD-1 unleashes ILC2-dependent antitumor immunity in melanoma. *Nature Immunology*, **2021**, 22, 851-864	19.1	23
198	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
197	Single-Cell RNA Sequencing Approaches for Tracing T Cell Development. *Journal of Immunology*, **2021**, 207, 363-370	5.3	1
196	Dual roles for LUBAC signaling in thymic epithelial cell development and survival. *Cell Death and Differentiation*, **2021**, 28, 2946-2956	12.7	1
195	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
194	Cell Death in the Origin and Treatment of Cancer. *Molecular Cell*, **2020**, 78, 1045-1054	17.6	46
193	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
192	ImmGen at 15. *Nature Immunology*, **2020**, 21, 700-703	19.1	20
191	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

190	BCL-XL exerts a protective role against anemia caused by radiation-induced kidney damage. *EMBO Journal*, **2020**, 39, e105561	13	2
189	Removing unwanted variation with CytofRUV to integrate multiple CyTOF datasets. *ELife*, **2020**, 9,	8.9	13
188	Characterization of a novel human BFL-1-specific monoclonal antibody. *Cell Death and Differentiation*, **2020**, 27, 826-828	12.7	2
187	Potent efficacy of MCL-1 inhibitor-based therapies in preclinical models of mantle cell lymphoma. *Oncogene*, **2020**, 39, 2009-2023	9.2	12
186	Toward Targeting Antiapoptotic MCL-1 for Cancer Therapy. *Annual Review of Cancer Biology*, **2020**, 4, 299-313	13.3	15
185	Consequences of Zmat3 loss in c-MYC- and mutant KRAS-driven tumorigenesis. *Cell Death and Disease*, **2020**, 11, 877	9.8	1
184	Unresponsiveness to inhaled antigen is governed by conventional dendritic cells and overridden during infection by monocytes. *Science Immunology*, **2020**, 5,	28	5
183	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
182	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
181	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
180	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
179	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
178	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
177	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
176	Chronically stimulated human MAIT cells are unexpectedly potent IL-13 producers. *Immunology and Cell Biology*, **2019**, 97, 689-699	5	25
175	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
174	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
173	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

172	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
171	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
170	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
169	Discussion of some Knowns and some Unknowns about the tumour suppressor p53. *Journal of Molecular Cell Biology*, **2019**, 11, 212-223	6.3	10
168	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
167	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
166	LUBAC is essential for embryogenesis by preventing cell death and enabling haematopoiesis. *Nature*, **2018**, 557, 112-117	50.4	110
165	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
164	Characterization of Blimp-1 function in effector regulatory T cells. *Journal of Autoimmunity*, **2018**, 91, 73-82	15.5	23
163	How do thymic epithelial cells die?. *Cell Death and Differentiation*, **2018**, 25, 1002-1004	12.7	16
162	DNA repair processes are critical mediators of p53-dependent tumor suppression. *Nature Medicine*, **2018**, 24, 947-953	50.5	69
161	Viewing BCL2 and cell death control from an evolutionary perspective. *Cell Death and Differentiation*, **2018**, 25, 13-20	12.7	57
160	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
159	The Mitochondrial Apoptotic Effectors BAX/BAK Activate Caspase-3 and -7 to Trigger NLRP3 Inflammasome and Caspase-8 Driven IL-1β Activation. *Cell Reports*, **2018**, 25, 2339-2353.e4	10.6	102
158	VDAC2 enables BAX to mediate apoptosis and limit tumor development. *Nature Communications*, **2018**, 9, 4976	17.4	73
157	BH3-Mimetic Drugs: Blazing the Trail for New Cancer Medicines. *Cancer Cell*, **2018**, 34, 879-891	24.3	161
156	LUBAC prevents lethal dermatitis by inhibiting cell death induced by TNF, TRAIL and CD95L. *Nature Communications*, **2018**, 9, 3910	17.4	49
155	Mutant TRP53 exerts a target gene-selective dominant-negative effect to drive tumor development. *Genes and Development*, **2018**, 32, 1420-1429	12.6	10

154	Humanized mice enable accurate preclinical evaluation of MCL-1 inhibitors destined for clinical use. *Blood*, **2018**, 132, 1573-1583	2.2	49
153	Cell cycle progression dictates the requirement for BCL2 in natural killer cell survival. *Journal of Experimental Medicine*, **2017**, 214, 491-510	16.6	40
152	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
151	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
150	Cell death and thymic tolerance. *Immunological Reviews*, **2017**, 277, 9-20	11.3	31
149	Combined immune checkpoint blockade as a therapeutic strategy for -mutated breast cancer. *Science Translational Medicine*, **2017**, 9,	17.5	167
148	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
147	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
146	A critical epithelial survival axis regulated by MCL-1 maintains thymic function in mice. *Blood*, **2017**, 130, 2504-2515	2.2	34
145	DNA-binding of the Tet-transactivator curtails antigen-induced lymphocyte activation in mice. *Nature Communications*, **2017**, 8, 1028	17.4	4
144	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
143	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
142	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
141	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
140	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
139	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
138	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
137	Linear ubiquitin chain assembly complex coordinates late thymic T-cell differentiation and regulatory T-cell homeostasis. *Nature Communications*, **2016**, 7, 13353	17.4	34

136	Eliminating Legionella by inhibiting BCL-XL to induce macrophage apoptosis. *Nature Microbiology*, **2016**, 1, 15034	26.6	46
135	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
134	The MCL1 inhibitor S63845 is tolerable and effective in diverse cancer models. *Nature*, **2016**, 538, 477-482	40.4	617
133	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
132	Thirty years of BCL-2: translating cell death discoveries into novel cancer therapies. *Nature Reviews Cancer*, **2016**, 16, 99-109	31.3	459
131	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
130	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
129	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
128	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	
127	Control of Cell Survival and Apoptosis **2016**, 97-105		
126	Autophagy-dependent regulatory T cells are critical for the control of graft-versus-host disease. *JCI Insight*, **2016**, 1, e86850	9.9	33
125	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
124	Tumor-Suppressor Functions of the TP53 Pathway. *Cold Spring Harbor Perspectives in Medicine*, **2016**, 6,	5.4	95
123	Physiological restraint of Bak by Bcl-xL is essential for cell survival. *Genes and Development*, **2016**, 30, 1240-50	12.6	29
122	CIS is a potent checkpoint in NK cell-mediated tumor immunity. *Nature Immunology*, **2016**, 17, 816-24	19.1	185
121	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
120	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
119	BIM Deficiency Protects NOD Mice From Diabetes by Diverting Thymocytes to Regulatory T Cells. *Diabetes*, **2015**, 64, 3229-38	0.9	9

118	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
117	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
116	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
115	Reinforcing the Sgauntlet Sof thymic negative selection via exosomal transfer of self-antigens. *Immunology and Cell Biology*, **2015**, 93, 679-80	5	1
114	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
113	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
112	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
111	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
110	Uhrf to Treg cells: reinforcing the mucosal peacekeepers. *Nature Immunology*, **2014**, 15, 533-4	19.1	2
109	It s not over until the FAT lady sings. *EMBO Journal*, **2014**, 33, 173-5	13	
108	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
107	Homeostatic control of regulatory T cell diversity. *Nature Reviews Immunology*, **2014**, 14, 154-65	36.5	296
106	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
105	Isolation of thymic epithelial cells and analysis by flow cytometry. *Current Protocols in Immunology*, **2014**, 107, 3.26.1-3.26.15	4	20
104	Multilineage potential and self-renewal define an epithelial progenitor cell population in the adult thymus. *Cell Reports*, **2014**, 8, 1198-209	10.6	109
103	Innate immunodeficiency following genetic ablation of Mcl1 in natural killer cells. *Nature Communications*, **2014**, 5, 4539	17.4	113
102	Transgenic expression of GM-CSF in T cells causes disseminated histiocytosis. *American Journal of Pathology*, **2014**, 184, 184-99	5.8	18
101	XIAP restricts TNF- and RIP3-dependent cell death and inflammasome activation. *Cell Reports*, **2014** , 7, 1796-808	10.6	172

100	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
99	Platelet production proceeds independently of the intrinsic and extrinsic apoptosis pathways. *Nature Communications*, **2014**, 5, 3455	17.4	51
98	Can you rely on Treg cells on the rebound?. *European Journal of Immunology*, **2014**, 44, 3504-7	6.1	4
97	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
96	The pseudokinase MLKL mediates necroptosis via a molecular switch mechanism. *Immunity*, **2013**, 39, 443-53	32.3	717
95	A type III effector antagonizes death receptor signalling during bacterial gut infection. *Nature*, **2013**, 501, 247-51	50.4	200
94	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
93	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
92	Mcl-1 is essential for the survival of plasma cells. *Nature Immunology*, **2013**, 14, 290-7	19.1	214
91	The transcriptional landscape of T cell differentiation. *Nature Immunology*, **2013**, 14, 619-32	19.1	197
90	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
89	Mutually exclusive regulation of T cell survival by IL-7R and antigen receptor-induced signals. *Nature Communications*, **2013**, 4, 1735	17.4	43
88	The thymic medulla: who needs it?. *Immunology and Cell Biology*, **2013**, 91, 541-2	5	
87	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
86	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
85	Inhibition of apoptosis by BCL2 prevents leukemic transformation of a murine myelodysplastic syndrome. *Blood*, **2012**, 120, 2475-83	2.2	28
84	The BH3-only proteins Bim and Puma cooperate to impose deletional tolerance of organ-specific antigens. *Immunity*, **2012**, 37, 451-62	32.3	55
83	Death receptor-induced apoptosis signalling - essential guardian against autoimmune disease. *Arthritis Research and Therapy*, **2012**, 14,	5.7	78

82	Is BID required for NOD signalling?. *Nature*, **2012**, 488, E4-6; discussion E6-8	50.4	15
81	The ubiquitin ligase XIAP recruits LUBAC for NOD2 signaling in inflammation and innate immunity. *Molecular Cell*, **2012**, 46, 746-58	17.6	272
80	Elevated Mcl-1 inhibits thymocyte apoptosis and alters thymic selection. *Cell Death and Differentiation*, **2012**, 19, 1962-71	12.7	10
79	The NF-B1 transcription factor prevents the intrathymic development of CD8 T cells with memory properties. *EMBO Journal*, **2012**, 31, 692-706	13	19
78	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
77	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
76	The essential role of evasion from cell death in cancer. *Advances in Cancer Research*, **2011**, 111, 39-96	5.9	67
75	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
74	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
73	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
72	Deciphering the rules of programmed cell death to improve therapy of cancer and other diseases. *EMBO Journal*, **2011**, 30, 3667-83	13	378
71	Mcl-1 is essential for germinal center formation and B cell memory. *Science*, **2010**, 330, 1095-9	33.3	161
70	A genetic and functional relationship between T cells and cellular proliferation in the adult hippocampus. *PLoS Biology*, **2010**, 8, e1000561	9.7	27
69	Visualization and identification of IL-7 producing cells in reporter mice. *PLoS ONE*, **2009**, 4, e7637	3.7	85
68	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
67	XIAP discriminates between type I and type II FAS-induced apoptosis. *Nature*, **2009**, 460, 1035-9	50.4	344
66	Membrane-bound Fas ligand only is essential for Fas-induced apoptosis. *Nature*, **2009**, 461, 659-63	50.4	296
65	The many roles of FAS receptor signaling in the immune system. *Immunity*, **2009**, 30, 180-92	32.3	669

64	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
63	The molecular signature of CD8+ T cells undergoing deletional tolerance. *Blood*, **2009**, 113, 4575-85	2.2	60
62	The Immunological Genome Project: networks of gene expression in immune cells. *Nature Immunology*, **2008**, 9, 1091-4	19.1	1098
61	The BCL-2 protein family: opposing activities that mediate cell death. *Nature Reviews Molecular Cell Biology*, **2008**, 9, 47-59	48.7	3367
60	Unbiased analysis, enrichment and purification of thymic stromal cells. *Journal of Immunological Methods*, **2008**, 329, 56-66	2.5	68
59	Intrahepatic murine CD8 T-cell activation associates with a distinct phenotype leading to Bim-dependent death. *Gastroenterology*, **2008**, 135, 989-97	13.3	98
58	Apoptosis regulators Fas and Bim cooperate in shutdown of chronic immune responses and prevention of autoimmunity. *Immunity*, **2008**, 28, 197-205	32.3	196
57	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
56	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
55	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
54	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
53	Proapoptotic BH3-only protein Bid is essential for death receptor-induced apoptosis of pancreatic beta-cells. *Diabetes*, **2008**, 57, 1284-92	0.9	78
52	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
51	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
50	Lymphotoxin pathway and Aire influences on thymic medullary epithelial cells are unconnected. *Journal of Immunology*, **2007**, 179, 5693-700	5.3	81
49	A unique thymic fibroblast population revealed by the monoclonal antibody MTS-15. *Journal of Immunology*, **2007**, 178, 4956-65	5.3	53
48	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
47	Proliferative arrest and rapid turnover of thymic epithelial cells expressing Aire. *Journal of Experimental Medicine*, **2007**, 204, 2521-8	16.6	282

46	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
45	Apoptosis initiated when BH3 ligands engage multiple Bcl-2 homologs, not Bax or Bak. *Science*, **2007**, 315, 856-9	33.3	937
44	Antigen challenge inhibits thymic emigration. *Journal of Immunology*, **2006**, 176, 4553-61	5.3	12
43	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
42	Keratinocyte growth factor (KGF) is required for postnatal thymic regeneration. *Blood*, **2006**, 107, 2453-60	9.2	184
41	Developmental kinetics, turnover, and stimulatory capacity of thymic epithelial cells. *Blood*, **2006**, 108, 3777-85	2.2	335
40	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
39	The role of BH3-only proteins in the immune system. *Nature Reviews Immunology*, **2005**, 5, 189-200	36.5	508
38	Concomitant loss of proapoptotic BH3-only Bcl-2 antagonists Bik and Bim arrests spermatogenesis. *EMBO Journal*, **2005**, 24, 3963-73	13	84
37	Genetic lesions in T-cell tolerance and thresholds for autoimmunity. *Immunological Reviews*, **2005**, 204, 87-101	11.3	57
36	Controlling the thymic microenvironment. *Current Opinion in Immunology*, **2005**, 17, 137-43	7.8	73
35	Effects of castration on thymocyte development in two different models of thymic involution. *Journal of Immunology*, **2005**, 175, 2982-93	5.3	174
34	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
33	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
32	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
31	CCR7 signals are essential for cortex-medulla migration of developing thymocytes. *Journal of Experimental Medicine*, **2004**, 200, 493-505	16.6	290
30	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
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1	miR17~92 is essential for the survival of hematopoietic stem and progenitor cells by restraining pro-apoptotic BIM		1