

# David C Huang

## List of Publications by Citations

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230  
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g-index

241  
ext. papers

35,750  
ext. citations

11.6  
avg, IF

6.69  
L-index

#	Paper	IF	Citations
230	ABT-199, a potent and selective BCL-2 inhibitor, achieves antitumor activity while sparing platelets. <i>Nature Medicine</i> , <b>2013</b> , 19, 202-8	50.5	1922
229	Differential targeting of prosurvival Bcl-2 proteins by their BH3-only ligands allows complementary apoptotic function. <i>Molecular Cell</i> , <b>2005</b> , 17, 393-403	17.6	1492
228	Proapoptotic Bcl-2 relative Bim required for certain apoptotic responses, leukocyte homeostasis, and to preclude autoimmunity. <i>Science</i> , <b>1999</b> , 286, 1735-8	33.3	1288
227	The Bcl-2 family: roles in cell survival and oncogenesis. <i>Oncogene</i> , <b>2003</b> , 22, 8590-607	9.2	1232
226	The BH3 mimetic ABT-737 targets selective Bcl-2 proteins and efficiently induces apoptosis via Bak/Bax if Mcl-1 is neutralized. <i>Cancer Cell</i> , <b>2006</b> , 10, 389-99	24.3	1049
225	Proapoptotic Bak is sequestered by Mcl-1 and Bcl-xL, but not Bcl-2, until displaced by BH3-only proteins. <i>Genes and Development</i> , <b>2005</b> , 19, 1294-305	12.6	981
224	Apoptosis initiated when BH3 ligands engage multiple Bcl-2 homologs, not Bax or Bak. <i>Science</i> , <b>2007</b> , 315, 856-9	33.3	937
223	The proapoptotic activity of the Bcl-2 family member Bim is regulated by interaction with the dynein motor complex. <i>Molecular Cell</i> , <b>1999</b> , 3, 287-96	17.6	911
222	BH3-Only proteins-essential initiators of apoptotic cell death. <i>Cell</i> , <b>2000</b> , 103, 839-42	56.2	899
221	Bim: a novel member of the Bcl-2 family that promotes apoptosis. <i>EMBO Journal</i> , <b>1998</b> , 17, 384-95	13	893
220	Programmed anuclear cell death delimits platelet life span. <i>Cell</i> , <b>2007</b> , 128, 1173-86	56.2	763
219	Substantial susceptibility of chronic lymphocytic leukemia to BCL2 inhibition: results of a phase I study of navitoclax in patients with relapsed or refractory disease. <i>Journal of Clinical Oncology</i> , <b>2012</b> , 30, 488-96	2.2	622
218	The MCL1 inhibitor S63845 is tolerable and effective in diverse cancer models. <i>Nature</i> , <b>2016</b> , 538, 477-483	50.4	617
217	Sensitivity to antitubulin chemotherapeutics is regulated by MCL1 and FBW7. <i>Nature</i> , <b>2011</b> , 471, 110-4	50.4	602
216	Bcl-2 and Fas/APO-1 regulate distinct pathways to lymphocyte apoptosis.. <i>EMBO Journal</i> , <b>1995</b> , 14, 6136-6147	11.1	525
215	Bmf: a proapoptotic BH3-only protein regulated by interaction with the myosin V actin motor complex, activated by anoikis. <i>Science</i> , <b>2001</b> , 293, 1829-32	33.3	505
214	Deubiquitinase USP9X stabilizes MCL1 and promotes tumour cell survival. <i>Nature</i> , <b>2010</b> , 463, 103-7	50.4	485

213	Apoptotic caspases suppress mtDNA-induced STING-mediated type I IFN production. <i>Cell</i> , <b>2014</b> , 159, 1549-62	56.2	475
212	Apoptosis initiated by Bcl-2-regulated caspase activation independently of the cytochrome c/Apaf-1/caspase-9 apoptosome. <i>Nature</i> , <b>2002</b> , 419, 634-7	50.4	463
211	Bax crystal structures reveal how BH3 domains activate Bax and nucleate its oligomerization to induce apoptosis. <i>Cell</i> , <b>2013</b> , 152, 519-31	56.2	402
210	Structural insights into the degradation of Mcl-1 induced by BH3 domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 6217-22	11.5	364
209	Exploiting selective BCL-2 family inhibitors to dissect cell survival dependencies and define improved strategies for cancer therapy. <i>Science Translational Medicine</i> , <b>2015</b> , 7, 279ra40	17.5	344
208	XIAP discriminates between type I and type II FAS-induced apoptosis. <i>Nature</i> , <b>2009</b> , 460, 1035-9	50.4	344
207	Bim and Bad mediate imatinib-induced killing of Bcr/Abl+ leukemic cells, and resistance due to their loss is overcome by a BH3 mimetic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 14907-12	11.5	291
206	Structure-guided design of a selective BCL-X(L) inhibitor. <i>Nature Chemical Biology</i> , <b>2013</b> , 9, 390-7	11.7	277
205	Activation of Fas by FasL induces apoptosis by a mechanism that cannot be blocked by Bcl-2 or Bcl-x(L). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 14871-6	11.5	276
204	The cell death inhibitor Bcl-2 and its homologues influence control of cell cycle entry. <i>EMBO Journal</i> , <b>1996</b> , 15, 6979-6990	13	268
203	How the Bcl-2 family of proteins interact to regulate apoptosis. <i>Cell Research</i> , <b>2006</b> , 16, 203-13	24.7	266
202	Gefitinib-induced killing of NSCLC cell lines expressing mutant EGFR requires BIM and can be enhanced by BH3 mimetics. <i>PLoS Medicine</i> , <b>2007</b> , 4, 1681-89; discussion 1690	11.6	261
201	The anti-apoptosis function of Bcl-2 can be genetically separated from its inhibitory effect on cell cycle entry. <i>EMBO Journal</i> , <b>1997</b> , 16, 4628-38	13	255
200	Two distinct pathways regulate platelet phosphatidylserine exposure and procoagulant function. <i>Blood</i> , <b>2009</b> , 114, 663-6	2.2	240
199	Bcl-2, Bcl-XL and adenovirus protein E1B19kD are functionally equivalent in their ability to inhibit cell death. <i>Oncogene</i> , <b>1997</b> , 14, 405-14	9.2	231
198	A cluster of interferon- $\gamma$ -inducible p65 GTPases plays a critical role in host defense against <i>Toxoplasma gondii</i> . <i>Immunity</i> , <b>2012</b> , 37, 302-13	32.3	230
197	Induction of cell death by tumour necrosis factor (TNF) receptor 2, CD40 and CD30: a role for TNF-R1 activation by endogenous membrane-anchored TNF. <i>EMBO Journal</i> , <b>1999</b> , 18, 3034-43	13	226
196	The dendritic cell receptor Clec9A binds damaged cells via exposed actin filaments. <i>Immunity</i> , <b>2012</b> , 36, 646-57	32.3	224

195	bcl-w, a novel member of the bcl-2 family, promotes cell survival. <i>Oncogene</i> , <b>1996</b> , 13, 665-75	9.2	217
194	Bcl-2 and Fas/APO-1 regulate distinct pathways to lymphocyte apoptosis. <i>EMBO Journal</i> , <b>1995</b> , 14, 6136-47		203
193	The proapoptotic BH3-only protein bim is expressed in hematopoietic, epithelial, neuronal, and germ cells. <i>American Journal of Pathology</i> , <b>2000</b> , 157, 449-61	5.8	201
192	Bcl-xL-inhibitory BH3 mimetics can induce a transient thrombocytopenia that undermines the hemostatic function of platelets. <i>Blood</i> , <b>2011</b> , 118, 1663-74	2.2	199
191	Interleukin 15-mediated survival of natural killer cells is determined by interactions among Bim, Noxa and Mcl-1. <i>Nature Immunology</i> , <b>2007</b> , 8, 856-63	19.1	196
190	AMG 176, a Selective MCL1 Inhibitor, Is Effective in Hematologic Cancer Models Alone and in Combination with Established Therapies. <i>Cancer Discovery</i> , <b>2018</b> , 8, 1582-1597	24.4	194
189	Acquisition of the Recurrent Gly101Val Mutation in BCL2 Confers Resistance to Venetoclax in Patients with Progressive Chronic Lymphocytic Leukemia. <i>Cancer Discovery</i> , <b>2019</b> , 9, 342-353	24.4	188
188	The BCL2 selective inhibitor venetoclax induces rapid onset apoptosis of CLL cells in patients via a TP53-independent mechanism. <i>Blood</i> , <b>2016</b> , 127, 3215-24	2.2	181
187	Bim, Bad and Bmf: intrinsically unstructured BH3-only proteins that undergo a localized conformational change upon binding to prosurvival Bcl-2 targets. <i>Cell Death and Differentiation</i> , <b>2007</b> , 14, 128-36	12.7	179
186	The conserved N-terminal BH4 domain of Bcl-2 homologues is essential for inhibition of apoptosis and interaction with CED-4. <i>EMBO Journal</i> , <b>1998</b> , 17, 1029-39	13	177
185	Vaccinia virus anti-apoptotic F1L is a novel Bcl-2-like domain-swapped dimer that binds a highly selective subset of BH3-containing death ligands. <i>Cell Death and Differentiation</i> , <b>2008</b> , 15, 1564-71	12.7	177
184	Molecular patterns of response and treatment failure after frontline venetoclax combinations in older patients with AML. <i>Blood</i> , <b>2020</b> , 135, 791-803	2.2	176
183	The BH3-only protein bid is dispensable for DNA damage- and replicative stress-induced apoptosis or cell-cycle arrest. <i>Cell</i> , <b>2007</b> , 129, 423-33	56.2	170
182	The Bcl-2-regulated apoptotic pathway. <i>Journal of Cell Science</i> , <b>2003</b> , 116, 4053-6	5.3	166
181	Solution structure of prosurvival Mcl-1 and characterization of its binding by proapoptotic BH3-only ligands. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 4738-44	5.4	162
180	Sensitization of BCL-2-expressing breast tumors to chemotherapy by the BH3 mimetic ABT-737. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 2766-71	11.5	156
179	(alpha/beta+alpha)-peptide antagonists of BH3 domain/Bcl-x(L) recognition: toward general strategies for foldamer-based inhibition of protein-protein interactions. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 139-54	16.4	156
178	Caspase-2 is not required for thymocyte or neuronal apoptosis even though cleavage of caspase-2 is dependent on both Apaf-1 and caspase-9. <i>Cell Death and Differentiation</i> , <b>2002</b> , 9, 832-41	12.7	156

177	BH3-only proteins and their roles in programmed cell death. <i>Oncogene</i> , <b>2008</b> , 27 Suppl 1, S128-36	9.2	153
176	Bcl-2, Bcl-x(L), and Bcl-w are not equivalent targets of ABT-737 and navitoclax (ABT-263) in lymphoid and leukemic cells. <i>Blood</i> , <b>2012</b> , 119, 5807-16	2.2	150
175	Debcl, a proapoptotic Bcl-2 homologue, is a component of the <i>Drosophila melanogaster</i> cell death machinery. <i>Journal of Cell Biology</i> , <b>2000</b> , 148, 703-14	7.3	149
174	A novel BH3 ligand that selectively targets Mcl-1 reveals that apoptosis can proceed without Mcl-1 degradation. <i>Journal of Cell Biology</i> , <b>2008</b> , 180, 341-55	7.3	146
173	Prosurvival Bcl-2 family members affect autophagy only indirectly, by inhibiting Bax and Bak. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 8512-7	11.5	141
172	Apoptosis is triggered when prosurvival Bcl-2 proteins cannot restrain Bax. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 18081-7	11.5	141
171	Megakaryocytes possess a functional intrinsic apoptosis pathway that must be restrained to survive and produce platelets. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, 2017-31	16.6	139
170	betaTrCP- and Rsk1/2-mediated degradation of BimEL inhibits apoptosis. <i>Molecular Cell</i> , <b>2009</b> , 33, 109-16	7.6	138
169	The structure of Bcl-w reveals a role for the C-terminal residues in modulating biological activity. <i>EMBO Journal</i> , <b>2003</b> , 22, 1497-507	13	138
168	Bcl-2 family members do not inhibit apoptosis by binding the caspase activator Apaf-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 9683-8	11.5	134
167	Determination of cell survival by RING-mediated regulation of inhibitor of apoptosis (IAP) protein abundance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 16182-7	11.5	129
166	Pro-apoptotic apoptosis protease-activating factor 1 (Apaf-1) has a cytoplasmic localization distinct from Bcl-2 or Bcl-x(L). <i>Journal of Cell Biology</i> , <b>2000</b> , 149, 623-34	7.3	125
165	In vivo efficacy of the Bcl-2 antagonist ABT-737 against aggressive Myc-driven lymphomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 17961-6	11.5	124
164	Gene structure alternative splicing, and chromosomal localization of pro-apoptotic Bcl-2 relative Bim. <i>Mammalian Genome</i> , <b>2001</b> , 12, 163-8	3.2	124
163	Targeting of MCL-1 kills MYC-driven mouse and human lymphomas even when they bear mutations in p53. <i>Genes and Development</i> , <b>2014</b> , 28, 58-70	12.6	121
162	Prospects for targeting the Bcl-2 family of proteins to develop novel cytotoxic drugs. <i>Biochemical Pharmacology</i> , <b>2002</b> , 64, 851-63	6	121
161	Clinicopathological features and outcomes of progression of CLL on the BCL2 inhibitor venetoclax. <i>Blood</i> , <b>2017</b> , 129, 3362-3370	2.2	114
160	Synergistic action of the MCL-1 inhibitor S63845 with current therapies in preclinical models of triple-negative and HER2-amplified breast cancer. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	112

159	Targeting BCL2 for the treatment of lymphoid malignancies. <i>Seminars in Hematology</i> , <b>2014</b> , 51, 219-27	4	112
158	The cell death inhibitor Bcl-2 and its homologues influence control of cell cycle entry. <i>EMBO Journal</i> , <b>1996</b> , 15, 6979-90	13	112
157	A structural viral mimic of prosurvival Bcl-2: a pivotal role for sequestering proapoptotic Bax and Bak. <i>Molecular Cell</i> , <b>2007</b> , 25, 933-42	17.6	110
156	Stabilizing the pro-apoptotic BimBH3 helix (BimSAHB) does not necessarily enhance affinity or biological activity. <i>ACS Chemical Biology</i> , <b>2013</b> , 8, 297-302	4.9	109
155	Hierarchy for targeting prosurvival BCL2 family proteins in multiple myeloma: pivotal role of MCL1. <i>Blood</i> , <b>2016</b> , 128, 1834-1844	2.2	105
154	Mitochondrial permeabilization relies on BH3 ligands engaging multiple prosurvival Bcl-2 relatives, not Bak. <i>Journal of Cell Biology</i> , <b>2007</b> , 177, 277-87	7.3	102
153	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> , <b>2018</b> , 25, 2339-2353.e4	10.6	102
152	Venetoclax responses of pediatric ALL xenografts reveal sensitivity of MLL-rearranged leukemia. <i>Blood</i> , <b>2016</b> , 128, 1382-95	2.2	100
151	The role of bim, a proapoptotic BH3-only member of the Bcl-2 family in cell-death control. <i>Annals of the New York Academy of Sciences</i> , <b>2000</b> , 917, 541-8	6.5	100
150	Proapoptotic BH3-only proteins trigger membrane integration of prosurvival Bcl-w and neutralize its activity. <i>Journal of Cell Biology</i> , <b>2003</b> , 162, 877-87	7.3	99
149	Enhancing venetoclax activity in acute myeloid leukemia by co-targeting MCL1. <i>Leukemia</i> , <b>2018</b> , 32, 303-312	10.7	96
148	Dynamic molecular monitoring reveals that SWI-SNF mutations mediate resistance to ibrutinib plus venetoclax in mantle cell lymphoma. <i>Nature Medicine</i> , <b>2019</b> , 25, 119-129	50.5	94
147	Modulation of NOXA and MCL-1 as a strategy for sensitizing melanoma cells to the BH3-mimetic ABT-737. <i>Clinical Cancer Research</i> , <b>2012</b> , 18, 783-95	12.9	92
146	Glucose induces pancreatic islet cell apoptosis that requires the BH3-only proteins Bim and Puma and multi-BH domain protein Bax. <i>Diabetes</i> , <b>2010</b> , 59, 644-52	0.9	90
145	BH3 mimetics antagonizing restricted prosurvival Bcl-2 proteins represent another class of selective immune modulatory drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 10967-71	11.5	88
144	Structures of BCL-2 in complex with venetoclax reveal the molecular basis of resistance mutations. <i>Nature Communications</i> , <b>2019</b> , 10, 2385	17.4	84
143	The BH3 mimetic compound, ABT-737, synergizes with a range of cytotoxic chemotherapy agents in chronic lymphocytic leukemia. <i>Leukemia</i> , <b>2009</b> , 23, 2034-41	10.7	84
142	Combining BH3-mimetics to target both BCL-2 and MCL1 has potent activity in pre-clinical models of acute myeloid leukemia. <i>Leukemia</i> , <b>2019</b> , 33, 905-917	10.7	84

141	HSP90 activity is required for MLKL oligomerisation and membrane translocation and the induction of necroptotic cell death. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2051	9.8	83
140	Tissue expression and subcellular localization of the pro-survival molecule Bcl-w. <i>Cell Death and Differentiation</i> , <b>2001</b> , 8, 486-94	12.7	83
139	Correction for Fletcher et al., Inaugural Article: Apoptosis is triggered when prosurvival Bcl-2 proteins cannot restrain Bax. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 1678-1678	11.5	78
138	Proapoptotic BH3-only protein Bid is essential for death receptor-induced apoptosis of pancreatic beta-cells. <i>Diabetes</i> , <b>2008</b> , 57, 1284-92	0.9	78
137	Bax activation by Bim?. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 1187-91	12.7	75
136	A RIPK2 inhibitor delays NOD signalling events yet prevents inflammatory cytokine production. <i>Nature Communications</i> , <b>2015</b> , 6, 6442	17.4	74
135	Targeting BCL2 With BH3 Mimetics: Basic Science and Clinical Application of Venetoclax in Chronic Lymphocytic Leukemia and Related B Cell Malignancies. <i>Clinical Pharmacology and Therapeutics</i> , <b>2017</b> , 101, 89-98	6.1	74
134	Structural basis for apoptosis inhibition by Epstein-Barr virus BHRF1. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1001236	7.6	74
133	VDAC2 enables BAX to mediate apoptosis and limit tumor development. <i>Nature Communications</i> , <b>2018</b> , 9, 4976	17.4	73
132	Plasma membrane-targeted ras GTPase-activating protein is a potent suppressor of p21ras function. <i>Molecular and Cellular Biology</i> , <b>1993</b> , 13, 2420-31	4.8	70
131	Both leukaemic and normal peripheral B lymphoid cells are highly sensitive to the selective pharmacological inhibition of prosurvival Bcl-2 with ABT-199. <i>Leukemia</i> , <b>2014</b> , 28, 1207-15	10.7	69
130	MEK/ERK-mediated phosphorylation of Bim is required to ensure survival of T and B lymphocytes during mitogenic stimulation. <i>Journal of Immunology</i> , <b>2009</b> , 183, 261-9	5.3	66
129	Localization of dynein light chains 1 and 2 and their pro-apoptotic ligands. <i>Biochemical Journal</i> , <b>2004</b> , 377, 597-605	3.8	63
128	Anti-apoptotic proteins BCL-2, MCL-1 and A1 summate collectively to maintain survival of immune cell populations both in vitro and in vivo. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 878-888	12.7	62
127	The role of the bcl-2/ced-9 gene family in cancer and general implications of defects in cell death control for tumourigenesis and resistance to chemotherapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>1997</b> , 1333, F151-78	11.2	62
126	Apoptosis and cell division. <i>Current Opinion in Cell Biology</i> , <b>2000</b> , 12, 257-63	9	58
125	Caspase-9 mediates the apoptotic death of megakaryocytes and platelets, but is dispensable for their generation and function. <i>Blood</i> , <b>2012</b> , 119, 4283-90	2.2	57
124	Modified vaccinia virus Ankara protein F1L is a novel BH3-domain-binding protein and acts together with the early viral protein E3L to block virus-associated apoptosis. <i>Cell Death and Differentiation</i> , <b>2006</b> , 13, 109-18	12.7	57



123	Fas ligand-induced c-Jun kinase activation in lymphoid cells requires extensive receptor aggregation but is independent of DAXX, and Fas-mediated cell death does not involve DAXX, RIP, or RAIDD. <i>Journal of Immunology</i> , <b>2000</b> , 165, 1337-43	5.3	56
122	Quinazoline sulfonamides as dual binders of the proteins B-cell lymphoma 2 and B-cell lymphoma extra long with potent proapoptotic cell-based activity. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 1914-26	8.3	55
121	Transgenic overexpression of human Bcl-2 in islet beta cells inhibits apoptosis but does not prevent autoimmune destruction. <i>International Immunology</i> , <b>2000</b> , 12, 9-17	4.9	55
120	Multiple BCL2 mutations cooccurring with Gly101Val emerge in chronic lymphocytic leukemia progression on venetoclax. <i>Blood</i> , <b>2020</b> , 135, 773-777	2.2	55
119	Controlling the cell death mediators Bax and Bak: puzzles and conundrums. <i>Cell Cycle</i> , <b>2008</b> , 7, 39-44	4.7	52
118	DR5 and caspase-8 are dispensable in ER stress-induced apoptosis. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 944-950	12.7	51
117	FADD and caspase-8 are required for cytokine-induced proliferation of hemopoietic progenitor cells. <i>Blood</i> , <b>2005</b> , 106, 1581-9	2.2	51
116	Discovery of potent and selective benzothiazole hydrazone inhibitors of Bcl-XL. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 5514-40	8.3	50
115	Cyclic-AMP-dependent protein kinase A regulates apoptosis by stabilizing the BH3-only protein Bim. <i>EMBO Reports</i> , <b>2011</b> , 12, 77-83	6.5	49
114	Systematic Screening Identifies Dual PI3K and mTOR Inhibition as a Conserved Therapeutic Vulnerability in Osteosarcoma. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 3216-29	12.9	47
113	Targeting acute myeloid leukemia by dual inhibition of PI3K signaling and Cdk9-mediated Mcl-1 transcription. <i>Blood</i> , <b>2013</b> , 122, 738-48	2.2	47
112	NatD promotes lung cancer progression by preventing histone H4 serine phosphorylation to activate Slug expression. <i>Nature Communications</i> , <b>2017</b> , 8, 928	17.4	46
111	Eliminating Legionella by inhibiting BCL-XL to induce macrophage apoptosis. <i>Nature Microbiology</i> , <b>2016</b> , 1, 15034	26.6	46
110	Synthesis of biotinylated episilvestrol: highly selective targeting of the translation factors eIF4A1/II. <i>Organic Letters</i> , <b>2013</b> , 15, 1406-9	6.2	44
109	Survival activity of Bcl-2 homologs Bcl-w and A1 only partially correlates with their ability to bind pro-apoptotic family members. <i>Cell Death and Differentiation</i> , <b>1999</b> , 6, 525-32	12.7	44
108	Venetoclax in Patients with Previously Treated Chronic Lymphocytic Leukemia. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 4527-4533	12.9	43
107	MCL-1 is required throughout B-cell development and its loss sensitizes specific B-cell subsets to inhibition of BCL-2 or BCL-XL. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2345	9.8	42
106	Modifications and intracellular trafficking of FADD/MORT1 and caspase-8 after stimulation of T lymphocytes. <i>Cell Death and Differentiation</i> , <b>2004</b> , 11, 724-36	12.7	42



105	IMiDs prime myeloma cells for daratumumab-mediated cytotoxicity through loss of Ikaros and Aiolos. <i>Blood</i> , <b>2018</b> , 132, 2166-2178	2.2	42
104	Enhanced stability of Mcl1, a prosurvival Bcl2 relative, blunts stress-induced apoptosis, causes male sterility, and promotes tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 261-6	11.5	41
103	The restricted binding repertoire of Bcl-B leaves Bim as the universal BH3-only prosurvival Bcl-2 protein antagonist. <i>Cell Death and Disease</i> , <b>2012</b> , 3, e443	9.8	41
102	Prosurvival Bcl-2 family members reveal a distinct apoptotic identity between conventional and plasmacytoid dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 4044-9	11.5	39
101	Rapid hybridoma screening method for the identification of monoclonal antibodies to low-abundance cytoplasmic proteins. <i>BioTechniques</i> , <b>1998</b> , 25, 824-30	2.5	39
100	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> , <b>2013</b> , 110, 2599-604	11.5	37
99	Bfk: a novel weakly proapoptotic member of the Bcl-2 protein family with a BH3 and a BH2 region. <i>Cell Death and Differentiation</i> , <b>2003</b> , 10, 185-92	12.7	37
98	Identification of an activation site in Bak and mitochondrial Bax triggered by antibodies. <i>Nature Communications</i> , <b>2016</b> , 7, 11734	17.4	37
97	Structure-Guided Rescaffolding of Selective Antagonists of BCL-XL. <i>ACS Medicinal Chemistry Letters</i> , <b>2014</b> , 5, 662-7	4.3	36
96	Translation inhibitors induce cell death by multiple mechanisms and Mcl-1 reduction is only a minor contributor. <i>Cell Death and Disease</i> , <b>2012</b> , 3, e409	9.8	36
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