

Erinna F Lee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

8,903

citations

33

h-index

72

g-index

72

ext. papers

9,997

ext. citations

9.4

avg, IF

5

L-index

#	Paper	IF	Citations
68	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
67	Apoptosis initiated when BH3 ligands engage multiple Bcl-2 homologs, not Bax or Bak. <i>Science</i> , 2007 , 315, 856-9	33.3	937
66	Bax crystal structures reveal how BH3 domains activate Bax and nucleate its oligomerization to induce apoptosis. <i>Cell</i> , 2013 , 152, 519-31	56.2	402
65	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> , 2007 , 104, 6217-22	11.5	364
64	Anti-apoptotic Mcl-1 is essential for the development and sustained growth of acute myeloid leukemia. <i>Genes and Development</i> , 2012 , 26, 120-5	12.6	286
63	Crystal structure of ABT-737 complexed with Bcl-xL: implications for selectivity of antagonists of the Bcl-2 family. <i>Cell Death and Differentiation</i> , 2007 , 14, 1711-3	12.7	216
62	TRAF2 must bind to cellular inhibitors of apoptosis for tumor necrosis factor (tnf) to efficiently activate nf- κ b and to prevent tnf-induced apoptosis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 35906-15	5.4	173
61	The role of BH3-only protein Bim extends beyond inhibiting Bcl-2-like prosurvival proteins. <i>Journal of Cell Biology</i> , 2009 , 186, 355-62	7.3	154
60	Structure of the BH3 domains from the p53-inducible BH3-only proteins Noxa and Puma in complex with Mcl-1. <i>Journal of Molecular Biology</i> , 2008 , 380, 958-71	6.5	152
59	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> , 2012 , 119, 5807-16	2.2	150
58	A novel BH3 ligand that selectively targets Mcl-1 reveals that apoptosis can proceed without Mcl-1 degradation. <i>Journal of Cell Biology</i> , 2008 , 180, 341-55	7.3	146
57	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> , 2008 , 105, 18081-7	11.5	141
56	Evaluation of diverse β -backbone patterns for functional β -helix mimicry: analogues of the Bim BH3 domain. <i>Journal of the American Chemical Society</i> , 2012 , 134, 315-23	16.4	133
55	High-resolution structural characterization of a helical alpha/beta-peptide foldamer bound to the anti-apoptotic protein Bcl-xL. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4318-22	16.4	133
54	Targeting of MCL-1 kills MYC-driven mouse and human lymphomas even when they bear mutations in p53. <i>Genes and Development</i> , 2014 , 28, 58-70	12.6	121
53	A structural viral mimic of prosurvival Bcl-2: a pivotal role for sequestering proapoptotic Bax and Bak. <i>Molecular Cell</i> , 2007 , 25, 933-42	17.6	110
52	Binding hot spot for invasion inhibitory molecules on Plasmodium falciparum apical membrane antigen 1. <i>Infection and Immunity</i> , 2005 , 73, 6981-9	3.7	86

51	The BH3 mimetic compound, ABT-737, synergizes with a range of cytotoxic chemotherapy agents in chronic lymphocytic leukemia. <i>Leukemia</i> , 2009 , 23, 2034-41	10.7	84
50	Mutation to Bax beyond the BH3 domain disrupts interactions with pro-survival proteins and promotes apoptosis. <i>Journal of Biological Chemistry</i> , 2011 , 286, 7123-31	5.4	82
49	BCL-XL and MCL-1 are the key BCL-2 family proteins in melanoma cell survival. <i>Cell Death and Disease</i> , 2019 , 10, 342	9.8	81
48	Peptide Foldamers Targeting Intracellular Protein-Protein Interactions with Activity in Living Cells. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11365-75	16.4	81
47	Conformational changes in Bcl-2 pro-survival proteins determine their capacity to bind ligands. <i>Journal of Biological Chemistry</i> , 2009 , 284, 30508-17	5.4	74
46	Bcl-2 chimeras indicate that most BH3-only proteins can directly activate Bak and Bax, and show no preference for Bak versus Bax. <i>Cell Death and Disease</i> , 2015 , 6, e1735	9.8	61
45	Structure-guided rational design of peptide foldamers with high affinity for BCL-2 family prosurvival proteins. <i>ChemBioChem</i> , 2013 , 14, 1564-72	3.8	58
44	Structural basis of Bcl-xL recognition by a BH3-mimetic peptide generated by sequence-based design. <i>ChemBioChem</i> , 2011 , 12, 2025-32	3.8	53
43	Computationally designed high specificity inhibitors delineate the roles of BCL2 family proteins in cancer. <i>ELife</i> , 2016 , 5,	8.9	52
42	Discovery of potent and selective benzothiazole hydrazone inhibitors of Bcl-XL. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 5514-40	8.3	50
41	Structural basis for tetrodotoxin-resistant sodium channel binding by mu-conotoxin SmIIIA. <i>Journal of Biological Chemistry</i> , 2003 , 278, 46805-13	5.4	47
40	Discovery and molecular characterization of a Bcl-2-regulated cell death pathway in schistosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6999-7003	11.5	45
39	MCL-1 inhibition provides a new way to suppress breast cancer metastasis and increase sensitivity to dasatinib. <i>Breast Cancer Research</i> , 2016 , 18, 125	8.3	41
38	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> , 2015 , 112, 4044-9	11.5	39
37	Residue-Based Preorganization of BH3-Derived Peptides: Modulating Affinity, Selectivity and Proteolytic Susceptibility in Helix Mimics. <i>ACS Chemical Biology</i> , 2015 , 10, 1667-75	4.9	35
36	Conversion of Bim-BH3 from Activator to Inhibitor of Bak through Structure-Based Design. <i>Molecular Cell</i> , 2017 , 68, 659-672.e9	17.6	34
35	Mcl-1 and Bcl-x sequestration of Bak confers differential resistance to BH3-only proteins. <i>Cell Death and Differentiation</i> , 2018 , 25, 721-734	12.7	33
34	ATF3 Repression of BCL-X Determines Apoptotic Sensitivity to HDAC Inhibitors across Tumor Types. <i>Clinical Cancer Research</i> , 2017 , 23, 5573-5584	12.9	31

33	The functional differences between pro-survival and pro-apoptotic B cell lymphoma 2 (Bcl-2) proteins depend on structural differences in their Bcl-2 homology 3 (BH3) domains. <i>Journal of Biological Chemistry</i> , 2014 , 289, 36001-17	5.4	29
32	Physiological restraint of Bak by Bcl-xL is essential for cell survival. <i>Genes and Development</i> , 2016 , 30, 1240-50	12.6	29
31	Novel Bcl-2 homology-3 domain-like sequences identified from screening randomized peptide libraries for inhibitors of the pro-survival Bcl-2 proteins. <i>Journal of Biological Chemistry</i> , 2009 , 284, 31315-26	5.4	26
30	The Structural Biology of Bcl-x. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	25
29	Affinity maturation of leukemia inhibitory factor and conversion to potent antagonists of signaling. <i>Journal of Biological Chemistry</i> , 2004 , 279, 2125-34	5.4	25
28	Apoptosis in schistosomes: toward novel targets for the treatment of schistosomiasis. <i>Trends in Parasitology</i> , 2014 , 30, 75-84	6.4	23
27	Crystal structure of a BCL-W domain-swapped dimer: implications for the function of BCL-2 family proteins. <i>Structure</i> , 2011 , 19, 1467-76	5.2	22
26	Crosstalk between apoptosis and autophagy signaling pathways. <i>International Review of Cell and Molecular Biology</i> , 2020 , 352, 115-158	6	21
25	Functional genomics approaches in parasitic helminths. <i>Parasite Immunology</i> , 2012 , 34, 163-82	2.2	20
24	Hepatocyte growth factor renders BRAF mutant human melanoma cell lines resistant to PLX4032 by downregulating the pro-apoptotic BH3-only proteins PUMA and BIM. <i>Cell Death and Differentiation</i> , 2016 , 23, 2054-2062	12.7	18
23	Structural insights into BCL2 pro-survival protein interactions with the key autophagy regulator BECN1 following phosphorylation by STK4/MST1. <i>Autophagy</i> , 2019 , 15, 785-795	10.2	17
22	A small molecule interacts with VDAC2 to block mouse BAK-driven apoptosis. <i>Nature Chemical Biology</i> , 2019 , 15, 1057-1066	11.7	16
21	The BECN1N-terminal domain is intrinsically disordered. <i>Autophagy</i> , 2016 , 12, 460-71	10.2	16
20	BAX-BAK1-independent LC3B lipidation by BH3 mimetics is unrelated to BH3 mimetic activity and has only minimal effects on autophagic flux. <i>Autophagy</i> , 2016 , 12, 1083-93	10.2	13
19	Peptide inhibitors of the malaria surface protein, apical membrane antigen 1: identification of key binding residues. <i>Biopolymers</i> , 2011 , 95, 354-64	2.2	12
18	Direct visualization of Bcl-2 family protein interactions using live cell fluorescent protein redistribution assays. <i>Cell Death and Disease</i> , 2012 , 3, e288	9.8	10
17	EGL-1 BH3 mutants reveal the importance of protein levels and target affinity for cell-killing potency. <i>Cell Death and Differentiation</i> , 2008 , 15, 1609-18	12.7	10
16	BCL-XL is an actionable target for treatment of malignant pleural mesothelioma. <i>Cell Death Discovery</i> , 2020 , 6, 114	6.9	8

15	Repurposing apoptosis-inducing cancer drugs to treat schistosomiasis. <i>Future Medicinal Chemistry</i> , 2015 , 7, 707-11	4.1	7
14	Characterisation of the conformational preference and dynamics of the intrinsically disordered N-terminal region of Beclin 1 by NMR spectroscopy. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016 , 1864, 1128-1137	4	5
13	A novel BH3-mimetic, AZD0466, targeting BCL-XL and BCL-2 is effective in pre-clinical models of malignant pleural mesothelioma. <i>Cell Death Discovery</i> , 2021 , 7, 122	6.9	5
12	Co-Operativity between MYC and BCL-2 Pro-Survival Proteins in Cancer. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
11	The role of BCL-2 family proteins and therapeutic potential of BH3-mimetics in malignant pleural mesothelioma. <i>Expert Review of Anticancer Therapy</i> , 2021 , 21, 413-424	3.5	4
10	Structural biology of the intrinsic cell death pathway: what do we know and what is missing?. <i>Computational and Structural Biotechnology Journal</i> , 2012 , 1, e201204007	6.8	3
9	BECLIN1: Protein Structure, Function and Regulation. <i>Cells</i> , 2021 , 10,	7.9	3
8	Characterization of a novel human BFL-1-specific monoclonal antibody. <i>Cell Death and Differentiation</i> , 2020 , 27, 826-828	12.7	2
7	Influenza A virus infection-induced macroautophagy facilitates MHC class II-restricted endogenous presentation of an immunodominant viral epitope. <i>FEBS Journal</i> , 2021 , 288, 3164-3185	5.7	2
6	Discovery, development and application of drugs targeting BCL-2 pro-survival proteins in cancer. <i>Biochemical Society Transactions</i> , 2021 , 49, 2381-2395	5.1	2
5	A transgenic mouse model to inducibly target prosurvival Bcl2 proteins with selective BH3 peptides in vivo. <i>Cell Death and Disease</i> , 2015 , 6, e1679	9.8	1
4	Targeting the BCL-2-regulated apoptotic pathway for the treatment of solid cancers. <i>Biochemical Society Transactions</i> , 2021 , 49, 2397-2410	5.1	1
3	Diversity in the intrinsic apoptosis pathway of nematodes. <i>Communications Biology</i> , 2020 , 3, 478	6.7	0
2	Optimization of Benzothiazole and Thiazole Hydrazones as Inhibitors of Schistosome BCL-2. <i>ACS Infectious Diseases</i> , 2021 , 7, 1143-1163	5.5	0
1	The role of BH3-only protein Bim extends beyond inhibiting Bcl-2-like prosurvival proteins. <i>Journal of Experimental Medicine</i> , 2009 , 206, i19-i19	16.6	