

# Haiming Dai

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,036  
citations

218677

26  
h-index

254184

43  
g-index

66  
all docs

66  
docs citations

66  
times ranked

3315  
citing authors

#	ARTICLE	IF	CITATIONS
1	COMMD1 is linked to the WASH complex and regulates endosomal trafficking of the copper transporter ATP7A. <i>Molecular Biology of the Cell</i> , 2015, 26, 91-103.	2.1	200
2	Chemotherapy-induced pyroptosis is mediated by BAK/BAX-caspase-3-GSDME pathway and inhibited by 2-bromopalmitate. <i>Cell Death and Disease</i> , 2020, 11, 281.	6.3	149
3	Transient binding of an activator BH3 domain to the Bak BH3-binding groove initiates Bak oligomerization. <i>Journal of Cell Biology</i> , 2011, 194, 39-48.	5.2	139
4	Emerging understanding of Bcl-2 biology: Implications for neoplastic progression and treatment. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1658-1671.	4.1	122
5	BCL2 mutations are associated with increased risk of transformation and shortened survival in follicular lymphoma. <i>Blood</i> , 2015, 125, 658-667.	1.4	108
6	MCL-1 as a Buffer for Proapoptotic BCL-2 Family Members during TRAIL-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2007, 282, 29831-29846.	3.4	104
7	Prime, Shock, and Kill: Priming CD4 T Cells from HIV Patients with a BCL-2 Antagonist before HIV Reactivation Reduces HIV Reservoir Size. <i>Journal of Virology</i> , 2016, 90, 4032-4048.	3.4	85
8	Contribution of Bcl-2 Phosphorylation to Bak Binding and Drug Resistance. <i>Cancer Research</i> , 2013, 73, 6998-7008.	0.9	81
9	Noxa/Bcl-2 Protein Interactions Contribute to Bortezomib Resistance in Human Lymphoid Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 17682-17692.	3.4	80
10	Evaluation of the BH3-only Protein Puma as a Direct Bak Activator. <i>Journal of Biological Chemistry</i> , 2014, 289, 89-99.	3.4	65
11	CXCR4 Chemokine Receptor Signaling Induces Apoptosis in Acute Myeloid Leukemia Cells via Regulation of the Bcl-2 Family Members Bcl-XL, Noxa, and Bak. <i>Journal of Biological Chemistry</i> , 2013, 288, 22899-22914.	3.4	59
12	Solution structure of BRD7 bromodomain and its interaction with acetylated peptides from histone H3 and H4. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 435-441.	2.1	54
13	4EBP1/c-MYC/PUMA and NF- $\kappa$ B/EGR1/BIM pathways underlie cytotoxicity of mTOR dual inhibitors in malignant lymphoid cells. <i>Blood</i> , 2016, 127, 2711-2722.	1.4	49
14	Context-dependent Bcl-2/Bak Interactions Regulate Lymphoid Cell Apoptosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 18311-18322.	3.4	47
15	Platelet-derived Growth Factor Primes Cancer-associated Fibroblasts for Apoptosis. <i>Journal of Biological Chemistry</i> , 2014, 289, 22835-22849.	3.4	47
16	DHHC protein family targets different subsets of glioma stem cells in specific niches. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 25.	8.6	44
17	BCL2 Family, Mitochondrial Apoptosis, and Beyond. <i>Cancer Translational Medicine</i> , 2016, 2, 7.	0.2	44
18	Bak Conformational Changes Induced by Ligand Binding: Insight into BH3 Domain Binding and Bak Homo-Oligomerization. <i>Scientific Reports</i> , 2012, 2, 257.	3.3	41

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19	Constitutive BAK activation as a determinant of drug sensitivity in malignant lymphohematopoietic cells. <i>Genes and Development</i> , 2015, 29, 2140-2152.	5.9	38
20	Matrix Metalloproteinase 11 Is a Potential Therapeutic Target in Lung Adenocarcinoma. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 82-93.	4.4	35
21	Targeted Inhibition of LPL/FABP4/CPT1 fatty acid metabolic axis can effectively prevent the progression of nonalcoholic steatohepatitis to liver cancer. <i>International Journal of Biological Sciences</i> , 2021, 17, 4207-4222.	6.4	35
22	Mitochondrial apoptosis and BH3 mimetics. <i>F1000Research</i> , 2016, 5, 2804.	1.6	33
23	Characterization of an alternative BAK-binding site for BH3 peptides. <i>Nature Communications</i> , 2020, 11, 3301.	12.8	31
24	Casp8p41 generated by HIV protease kills CD4 T cells through direct Bak activation. <i>Journal of Cell Biology</i> , 2014, 206, 867-876.	5.2	28
25	High Cell Surface Death Receptor Expression Determines Type I Versus Type II Signaling*. <i>Journal of Biological Chemistry</i> , 2011, 286, 35823-35833.	3.4	27
26	Cytotoxicity of farnesyltransferase inhibitors in lymphoid cells mediated by MAPK pathway inhibition and Bim up-regulation. <i>Blood</i> , 2011, 118, 4872-4881.	1.4	27
27	Measurement of BH3-only protein tolerance. <i>Cell Death and Differentiation</i> , 2018, 25, 282-293.	11.2	27
28	Systematic expression analysis of WEE family kinases reveals the importance of PKMYT1 in breast carcinogenesis. <i>Cell Proliferation</i> , 2020, 53, e12741.	5.3	27
29	Matrix Metalloproteinase Expressions Play Important role in Prediction of Ovarian Cancer Outcome. <i>Scientific Reports</i> , 2019, 9, 11677.	3.3	25
30	Fluorine Pseudocontact Shifts Used for Characterizing the Protein-Ligand Interaction Mode in the Limit of NMR Intermediate Exchange. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12982-12986.	13.8	23
31	BCL2L13: physiological and pathological meanings. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2419-2428.	5.4	22
32	Binding model of human coactosin-like protein with filament actin revealed by mutagenesis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 1688-1700.	2.3	18
33	Solution structure of calponin homology domain of Human MICAL-1. <i>Journal of Biomolecular NMR</i> , 2006, 36, 295-300.	2.8	18
34	Selective binding of mitophagy receptor protein Bcl-rambo to LC3/GABARAP family proteins. <i>Biochemical and Biophysical Research Communications</i> , 2020, 530, 292-300.	2.1	16
35	Protein Kinase C $\beta$ Modulates Ligand-induced Cell Surface Death Receptor Accumulation. <i>Journal of Biological Chemistry</i> , 2010, 285, 888-902.	3.4	15
36	Combination treatment of RAD001 and BEZ235 exhibits synergistic antitumor activity via down-regulation of p-4E-BP1/Mcl-1 in small cell lung cancer. <i>Oncotarget</i> , 2017, 8, 106486-106498.	1.8	12

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37	Identification of FPR3 as a Unique Biomarker for Targeted Therapy in the Immune Microenvironment of Breast Cancer. <i>Frontiers in Pharmacology</i> , 2020, 11, 593247.	3.5	9
38	Structure of human upstream binding factor HMG box 5 and site for binding of the cell-cycle regulatory factor TAF1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2007, 63, 730-737.	2.5	8
39	Investigation of the four cooperative unfolding units existing in the MICAL-1 CH domain. <i>Biophysical Chemistry</i> , 2007, 129, 269-278.	2.8	7
40	Enrichment and detection of circulating tumor cells by immunomagnetic beads and flow cytometry. <i>Biotechnology Letters</i> , 2021, 43, 25-34.	2.2	7
41	Cell Surface Protein Disulfide Isomerase Regulates Natriuretic Peptide Generation of Cyclic Guanosine Monophosphate. <i>PLoS ONE</i> , 2014, 9, e112986.	2.5	6
42	Letter to the Editor:1H,13C and15N Resonance Assignments and the Secondary Structures of Human Coactosin Like Protein (hCLP) D123N. <i>Journal of Biomolecular NMR</i> , 2004, 29, 455-456.	2.8	5
43	An Immune-Associated Genomic Signature Effectively Predicts Pathologic Complete Response to Neoadjuvant Paclitaxel and Anthracycline-Based Chemotherapy in Breast Cancer. <i>Frontiers in Immunology</i> , 2021, 12, 704655.	4.8	5
44	Constitutive BAK/MCL1 complexes predict paclitaxel and S63845 sensitivity of ovarian cancer. <i>Cell Death and Disease</i> , 2021, 12, 789.	6.3	4
45	Down-regulation of BCL2L13 renders poor prognosis in clear cell and papillary renal cell carcinoma. <i>Cancer Cell International</i> , 2021, 21, 332.	4.1	3
46	Therapeutics targeting BCL2 family proteins. , 2022, , 197-260.		3
47	Selective Inhibition of BFL1: It's All about Finding the Right Partner. <i>Cell Chemical Biology</i> , 2020, 27, 639-642.	5.2	2
48	Crystal structure of the WD40 domain of human PLRG1. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 474-477.	2.1	1
49	2P060 Solution Structure of the Bromodomain of Brd2 and Its Interaction with Acetylated Peptide from Histone H4 and CtBP(29. Protein structure and dynamics (II),Poster Session,Abstract,Meeting) Tj ETQq1 1 0.784314 rgBT /Overl		0
50	Fluorine Pseudocontact Shifts Used for Characterizing the Protein-Ligand Interaction Mode in the Limit of NMR Intermediate Exchange. <i>Angewandte Chemie</i> , 2017, 129, 13162-13166.	2.0	0