

John A Hickman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10564121/publications.pdf>

Version: 2024-02-01

65
papers

7,520
citations

87888

38
h-index

106344

65
g-index

67
all docs

67
docs citations

67
times ranked

11800
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional and physical interaction between Bcl-XL and a BH3-like domain in Beclin-1. <i>EMBO Journal</i> , 2007, 26, 2527-2539.	7.8	1,003
2	The MCL1 inhibitor S63845 is tolerable and effective in diverse cancer models. <i>Nature</i> , 2016, 538, 477-482.	27.8	830
3	Apoptosis induced by anticancer drugs. <i>Cancer and Metastasis Reviews</i> , 1992, 11, 121-139.	5.9	820
4	Cell Damage-induced Conformational Changes of the Pro-Apoptotic Protein Bak In Vivo Precede the Onset of Apoptosis. <i>Journal of Cell Biology</i> , 1999, 144, 903-914.	5.2	413
5	BH3-Only Proteins and BH3 Mimetics Induce Autophagy by Competitively Disrupting the Interaction between Beclin 1 and Bcl-2/Bcl-X _L . <i>Autophagy</i> , 2007, 3, 374-376.	9.1	411
6	Limits to Personalized Cancer Medicine. <i>New England Journal of Medicine</i> , 2016, 375, 1289-1294.	27.0	329
7	Three-dimensional models of cancer for pharmacology and cancer cell biology: Capturing tumor complexity in vitro/ex vivo. <i>Biotechnology Journal</i> , 2014, 9, 1115-1128.	3.5	316
8	Apoptosis in small intestinal epithelia from p53-null mice: evidence for a delayed, p53-independent G2/M-associated cell death after ¹³⁷ I-irradiation. <i>Oncogene</i> , 1997, 14, 2759-2766.	5.9	213
9	Bcl-x _L induces Drp1-dependent synapse formation in cultured hippocampal neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2169-2174.	7.1	210
10	Apoptosis and cancer chemotherapy. <i>Cell and Tissue Research</i> , 2000, 301, 143-152.	2.9	188
11	Bax activation by the BH3-only protein Puma promotes cell dependence on antiapoptotic Bcl-2 family members. <i>Journal of Cell Biology</i> , 2009, 185, 279-290.	5.2	132
12	Bid, a Widely Expressed Proapoptotic Protein of the Bcl-2 Family, Displays Lipid Transfer Activity. <i>Molecular and Cellular Biology</i> , 2001, 21, 7268-7276.	2.3	124
13	Epigenetic Determinants of Resistance to Etoposide Regulation of Bcl-xL and Bax by Tumor Microenvironmental Factors. <i>Journal of the National Cancer Institute</i> , 2000, 92, 18-23.	6.3	119
14	Cell Cycle-Dependent Induction of Autophagy, Mitophagy and Reticulophagy. <i>Cell Cycle</i> , 2007, 6, 2263-2267.	2.6	117
15	Commitment to cell death measured by loss of clonogenicity is separable from the appearance of apoptotic markers. <i>Cell Death and Differentiation</i> , 1998, 5, 107-115.	11.2	110
16	Radiation-Induced p53 and p21WAF1/CIP1 Expression in the Murine Intestinal Epithelium. <i>American Journal of Pathology</i> , 1998, 153, 899-909.	3.8	101
17	Damage-induced apoptosis in intestinal epithelia from bcl-2-null and bax-null mice: investigations of the mechanistic determinants of epithelial apoptosis in vivo. <i>Oncogene</i> , 1999, 18, 7287-7293.	5.9	98
18	Capturing complex tumour biology in vitro: histological and molecular characterisation of precision cut slices. <i>Scientific Reports</i> , 2015, 5, 17187.	3.3	98

#	ARTICLE	IF	CITATIONS
19	Apoptosis and tumorigenesis. <i>Current Opinion in Genetics and Development</i> , 2002, 12, 67-72.	3.3	96
20	Modulation of Synaptic Transmission by the BCL-2 Family Protein BCL-xL. <i>Journal of Neuroscience</i> , 2003, 23, 8423-8431.	3.6	95
21	Proapoptotic N-truncated BCL-xL protein activates endogenous mitochondrial channels in living synaptic terminals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13590-13595.	7.1	95
22	Cellular damage signals promote sequential changes at the N-terminus and BH-1 domain of the pro-apoptotic protein Bak. <i>Oncogene</i> , 2001, 20, 7668-7676.	5.9	84
23	Only a Subset of Met-Activated Pathways Are Required to Sustain Oncogene Addiction. <i>Science Signaling</i> , 2009, 2, ra80.	3.6	84
24	S55746 is a novel orally active BCL-2 selective and potent inhibitor that impairs hematological tumor growth. <i>Oncotarget</i> , 2018, 9, 20075-20088.	1.8	82
25	S49076 Is a Novel Kinase Inhibitor of MET, AXL, and FGFR with Strong Preclinical Activity Alone and in Association with Bevacizumab. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 1749-1762.	4.1	78
26	Bcl-2 overexpression results in reciprocal downregulation of Bcl-XL and sensitizes human testicular germ cell tumours to chemotherapy-induced apoptosis. <i>Oncogene</i> , 1999, 18, 1457-1464.	5.9	74
27	Induction of Cyclin E and Inhibition of DNA Synthesis by the Novel Acronycine Derivative S23906-1 Precede the Irreversible Arrest of Tumor Cells in S Phase Leading to Apoptosis. <i>Molecular Pharmacology</i> , 2001, 60, 1383-1391.	2.3	73
28	N-terminally cleaved Bcl-xL mediates ischemia-induced neuronal death. <i>Nature Neuroscience</i> , 2012, 15, 574-580.	14.8	70
29	Post-translational Modification of Bid Has Differential Effects on Its Susceptibility to Cleavage by Caspase 8 or Caspase 3. <i>Journal of Biological Chemistry</i> , 2003, 278, 15749-15757.	3.4	67
30	Alkylation of Guanine in DNA by S23906-1, a Novel Potent Antitumor Compound Derived from the Plant Alkaloid Acronycine. <i>Biochemistry</i> , 2002, 41, 9911-9920.	2.5	64
31	Further characterisation of the in situ terminal deoxynucleotidyl transferase (TdT) assay for the flow cytometric analysis of apoptosis in drug resistant and drug sensitive leukaemic cells. <i>Cytometry</i> , 1995, 20, 245-256.	1.8	61
32	Shooting at survivors: Bcl-2 family members as drug targets for cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1644, 251-260.	4.1	54
33	Structure-Activity Relationships and Mechanism of Action of Antitumor Benzo[b]pyrano[3,2-h]acridin-7-one Acronycine Analogues. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3072-3082.	6.4	52
34	MCF-7 human mammary adenocarcinoma cell death in vitro in response to hormone-withdrawal and dna damage. <i>International Journal of Cancer</i> , 1995, 61, 502-508.	5.1	51
35	Bcl-xL Inhibitor ABT-737 Reveals a Dual Role for Bcl-xL in Synaptic Transmission. <i>Journal of Neurophysiology</i> , 2008, 99, 1515-1522.	1.8	49
36	Exposure to Hypoxia Rapidly Induces Mitochondrial Channel Activity within a Living Synapse. <i>Journal of Biological Chemistry</i> , 2005, 280, 4491-4497.	3.4	45

#	ARTICLE	IF	CITATIONS
37	Structural studies on bioactive compounds. 4. A structure-antitumor activity study on analogs of N-methylformamide. <i>Journal of Medicinal Chemistry</i> , 1986, 29, 1046-1052.	6.4	39
38	Induction of apoptosis in HL-60 leukemia and B16 melanoma cells by the acronycine derivative S23906-1. <i>Biochemical Pharmacology</i> , 2002, 63, 1443-1452.	4.4	39
39	Acronycine derivatives as promising antitumor agents. <i>Anti-Cancer Drugs</i> , 2002, 13, 445-449.	1.4	38
40	The generation of potentially toxic, reactive iminium ions from the oxidative metabolism of xenobiotic N-alkyl compounds. <i>Biochemical Pharmacology</i> , 1985, 34, 2055-2061.	4.4	34
41	Covalent binding of antitumor benzoacronycines to double-stranded DNA induces helix opening and the formation of single-stranded DNA: unique consequences of a novel DNA-bonding mechanism. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 71-80.	4.1	34
42	1-hydroxylated derivatives of antitumour dimethyltriazenes. <i>Tetrahedron Letters</i> , 1978, 19, 5041-5044.	1.4	33
43	The effects of nitrogen mustard (HN2) on activities of the plasma membrane of PC6A mouse plasmacytoma cells. <i>Biochemical Pharmacology</i> , 1982, 31, 1773-1778.	4.4	31
44	Studies of the mode of action of antitumour triazenes and triazines. II. Investigation of the selective toxicity of 1-aryl-3,3-dimethyltriazenes. <i>Biochemical Pharmacology</i> , 1981, 30, 89-93.	4.4	30
45	The role of isocyanates in the toxicity of antitumour haloalkylnitrosoureas. <i>Biochemical Pharmacology</i> , 1982, 31, 2795-2800.	4.4	28
46	Novel Stable Camptothecin Derivatives Replacing the E-Ring Lactone by a Ketone Function Are Potent Inhibitors of Topoisomerase I and Promising Antitumor Drugs. <i>Molecular Pharmacology</i> , 2007, 72, 311-319.	2.3	28
47	The formation and metabolism of N-hydroxymethyl compounds. III. <i>Biochemical Pharmacology</i> , 1983, 32, 1773-1781.	4.4	25
48	Membrane targets in cancer chemotherapy. <i>Trends in Pharmacological Sciences</i> , 1984, 5, 15-17.	8.7	25
49	Oxidative metabolism of some N-methyl containing xenobiotics can lead to stable progenitors of formaldehyde. <i>Biochemical Pharmacology</i> , 1979, 28, 3235-3238.	4.4	24
50	An unusual DNA binding compound, S23906, induces mitotic catastrophe in cultured human cells. <i>Cancer Letters</i> , 2010, 289, 178-187.	7.2	21
51	Mechanisms of cytotoxicity caused by antitumour drugs. <i>Toxicology Letters</i> , 1992, 64-65, 553-561.	0.8	20
52	Cell Surface Membranes as a Chemotherapeutic Target. <i>Cancer Treatment and Research</i> , 1985, , 81-131.	0.5	20
53	Nucleolar segregation during apoptosis of haemopoietic stem cell line FDCP-Mix1. <i>Cell Death and Differentiation</i> , 1999, 6, 334-341.	11.2	19
54	Limits to Precision Cancer Medicine. <i>New England Journal of Medicine</i> , 2017, 376, 95-97.	27.0	19

#	ARTICLE	IF	CITATIONS
55	Chemically-induced apoptosis: p21 and p53 as determinants of enterotoxin activity. <i>Toxicology Letters</i> , 1998, 102-103, 19-27.	0.8	18
56	The formation and metabolism of N-hydroxymethyl compounds ^{VI} . <i>Biochemical Pharmacology</i> , 1982, 31, 3621-3627.	4.4	15
57	Studies of the mode of action of antitumour triazenes and triazines ^{IV} . The metabolism of 1-(4-acetylphenyl)-3,3-dimethyltriazeno. <i>Biochemical Pharmacology</i> , 1982, 31, 1887-1892.	4.4	14
58	Decrease in Survival Threshold of Quiescent Colon Carcinoma Cells in the Presence of a Small Molecule Integrin Antagonist. <i>Molecular Pharmacology</i> , 2003, 63, 1281-1288.	2.3	13
59	Alkylformamides as inducers of tumour cell differentiation ^a a mini-review. <i>Toxicology</i> , 1987, 43, 239-249.	4.2	12
60	Selective inhibition by bis(2-chloroethyl)methylamine (nitrogen mustard) of the Na ⁺ /K ⁺ /Cl ⁻ cotransporter of murine L1210 leukemia cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 946, 368-378.	2.6	12
61	Cell cycle specific induction of HL-60 cell differentiation and apoptosis by mycophenolic acid. <i>Cell Death and Differentiation</i> , 1997, 4, 787-795.	11.2	11
62	The European Union and personalised cancer medicine. <i>European Journal of Cancer</i> , 2021, 150, 95-98.	2.8	5
63	Different cell thresholds for commitment to death: a link between carcinogenesis and drug resistance. <i>Drug Resistance Updates</i> , 1998, 1, 84-85.	14.4	4
64	The formation and metabolism of N-hydroxymethyl compounds ^{IX} . <i>Biochemical Pharmacology</i> , 1986, 35, 4161-4165.	4.4	1
65	Bax activation by the BH3-only protein Puma promotes cell dependence on antiapoptotic Bcl-2 family members. <i>Journal of Experimental Medicine</i> , 2009, 206, i8-i8.	8.5	0