Xu Luo

List of Publications by Year in descending order

32 papers	8,859 citations	304743 22 h-index	454955 30 g-index
64 all docs	64 docs citations	64 times ranked	9124 citing authors

#	Article	IF	Citations
1	Bid, a Bcl2 Interacting Protein, Mediates Cytochrome c Release from Mitochondria in Response to Activation of Cell Surface Death Receptors. Cell, 1998, 94, 481-490.	28.9	3,278
2	Biochemical Pathways of Caspase Activation During Apoptosis. Annual Review of Cell and Developmental Biology, 1999, 15, 269-290.	9.4	2,313
3	Endonuclease G is an apoptotic DNase when released from mitochondria. Nature, 2001, 412, 95-99.	27.8	1,526
4	Cardiolipin provides specificity for targeting of tBid to mitochondria. Nature Cell Biology, 2000, 2, 754-756.	10.3	435
5	Inactivation of prosurvival Bcl-2 proteins activates Bax/Bak through the outer mitochondrial membrane. Genes and Development, 2016, 30, 973-988.	5.9	246
6	A three-helix homo-oligomerization domain containing BH3 and BH1 is responsible for the apoptotic activity of Bax. Genes and Development, 2007, 21, 1937-1948.	5.9	114
7	Cleavage by Caspase 8 and Mitochondrial Membrane Association Activate the BH3-only Protein Bid during TRAIL-induced Apoptosis. Journal of Biological Chemistry, 2016, 291, 11843-11851.	3.4	88
8	BH3-only proteins target BCL-xL/MCL-1, not BAX/BAK, to initiate apoptosis. Cell Research, 2019, 29, 942-952.	12.0	85
9	BCLâ€2â€family protein tBID can act as a BAXâ€like effector of apoptosis. EMBO Journal, 2022, 41, e108690.	7.8	74
10	BH3-only proteins are dispensable for apoptosis induced by pharmacological inhibition of both MCL-1 and BCL-XL. Cell Death and Differentiation, 2019, 26, 1037-1047.	11.2	56
11	Perturbation of the Bcl-2 Network and an Induced Noxa/Bcl-xL Interaction Trigger Mitochondrial Dysfunction after DNA Damage. Journal of Biological Chemistry, 2010, 285, 15016-15026.	3.4	51
12	BAX-dependent mitochondrial pathway mediates the crosstalk between ferroptosis and apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2020, 25, 625-631.	4.9	51
13	Perturbing pro-survival proteins using quinoxaline derivatives: A structureâ€“activity relationship study. Bioorganic and Medicinal Chemistry, 2012, 20, 2227-2234.	3.0	50
14	Venetoclax causes metabolic reprogramming independent of BCL-2 inhibition. Cell Death and Disease, 2020, 11, 616.	6.3	50
15	The third model of Bax/Bak activation: a Bcl-2 family feud finally resolved?. F1000Research, 2020, 9, 935.	1.6	50
16	SSRP1 promotes colorectal cancer progression and is negatively regulated by miRâ€28â€5p. Journal of Cellular and Molecular Medicine, 2019, 23, 3118-3129.	3.6	39
17	TRAIL-Mediated Apoptosis in HIV-1-Infected Macrophages Is Dependent on the Inhibition of Akt-1 Phosphorylation. Journal of Immunology, 2006, 177, 2304-2313.	0.8	35
18	Bax Contains Two Functional Mitochondrial Targeting Sequences and Translocates to Mitochondria in a Conformational Change- and Homo-oligomerization-driven Process. Journal of Biological Chemistry, 2010, 285, 1384-1392.	3.4	34

#	Article	IF	Citations
19	2,3-Substituted quinoxalin-6-amine analogs as antiproliferatives: A structureâ€“activity relationship study. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1929-1932.	2.2	33
20	The Carboxyl-terminal Tail of Noxa Protein Regulates the Stability of Noxa and Mcl-1. Journal of Biological Chemistry, 2014, 289, 17802-17811.	3.4	33
21	Pivotal Role of Inosine Triphosphate Pyrophosphatase in Maintaining Genome Stability and the Prevention of Apoptosis in Human Cells. PLoS ONE, 2012, 7, e32313.	2.5	33
22	MARCH5-dependent degradation of MCL1/NOXA complexes defines susceptibility to antimitotic drug treatment. Cell Death and Differentiation, 2020, 27, 2297-2312.	11.2	31
23	Active Bax and Bak are functional holins. Genes and Development, 2011, 25, 2278-2290.	5.9	30
24	Retromer facilitates the localization of Bcl-xL to the mitochondrial outer membrane. Molecular Biology of the Cell, 2019, 30, 1138-1146.	2.1	24
25	CDK5 Inhibitor Downregulates Mcl-1 and Sensitizes Pancreatic Cancer Cell Lines to Navitoclax. Molecular Pharmacology, 2019, 96, 419-429.	2.3	21
26	Hexokinases inhibit death receptorâ€“dependent apoptosis on the mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
27	BCL-2 antisense and cisplatin combination treatment of MCF-7 breast cancer cells with or without functional p53. Journal of Biomedical Science, 2005, 12, 999-1011.	7.0	19
28	DRP-1 functions independently of mitochondrial structural perturbations to facilitate BH3 mimetic-mediated apoptosis. Cell Death Discovery, 2019, 5, 117.	4.7	19
29	Glucose deprivationâ€induced endoplasmic reticulum stress response plays a pivotal role in enhancement of TRAIL cytotoxicity. Journal of Cellular Physiology, 2021, 236, 6666-6677.	4.1	11
30	Chemical Genetic Screens Identify Kinase Inhibitor Combinations that Target Anti-Apoptotic Proteins for Cancer Therapy. ACS Chemical Biology, 2018, 13, 1148-1152.	3.4	10
31	Targeting Androgen Receptor and TRAIL: A Novel Treatment Paradigm for Breast Cancer. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR35-3.	0.0	0
32	Inhibition of androgen receptor increases sensitivity of TRAILâ€induced apoptosis via upregulation of death receptor 5 in breast cancer. FASEB Journal, 2019, 33, 674.7.	0.5	0