Frederic Luciano

List of Publications by Year
in descending order

61 papers	12,635 citations	136950 32 h-index	128289 60 g-index
63 all docs	63 docs citations	63 times ranked	26407 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Reconstituted NALP1 Inflammasome Reveals Two-Step Mechanism of Caspase-1 Activation. Molecular Cell, 2007, 25, 713-724.	9.7	610
4	Phosphorylation of Bim-EL by Erk1/2 on serine 69 promotes its degradation via the proteasome pathway and regulates its proapoptotic function. Oncogene, 2003, 22, 6785-6793.	5.9	423
5	Resveratrol Promotes Autophagic Cell Death in Chronic Myelogenous Leukemia Cells via JNK-Mediated p62/SQSTM1 Expression and AMPK Activation. Cancer Research, 2010, 70, 1042-1052.	0.9	335
6	Bcl-2 and Bcl-XL Regulate Proinflammatory Caspase-1 Activation byÂInteraction with NALP1. Cell, 2007, 129, 45-56.	28.9	308
7	Metformin inhibits melanoma development through autophagy and apoptosis mechanisms. Cell Death and Disease, 2011, 2, e199-e199.	6.3	250
8	A Short Nur77-Derived Peptide Converts Bcl-2 from a Protector to a Killer. Cancer Cell, 2008, 14, 285-298.	16.8	192
9	Cytoprotective gene bi-1 is required for intrinsic protection from endoplasmic reticulum stress and ischemia-reperfusion injury. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2809-2814.	7.1	158
10	Cleavage of Mcl-1 by caspases impaired its ability to counteract Bim-induced apoptosis. Oncogene, 2004, 23, 7863-7873.	5.9	157
11	IL-34 and CSF-1 display an equivalent macrophage differentiation ability but a different polarization potential. Scientific Reports, 2018, 8, 256.	3.3	149
12	Humanin Binds and Nullifies Bid Activity by Blocking Its Activation of Bax and Bak. Journal of Biological Chemistry, 2005, 280, 15815-15824.	3.4	129
13	SYK Is a Critical Regulator of FLT3 in Acute Myeloid Leukemia. Cancer Cell, 2014, 25, 226-242.	16.8	126
14	Autophagy is required for CSF-1â€“induced macrophagic differentiation and acquisition of phagocytic functions. Blood, 2012, 119, 4527-4531.	1.4	123
15	Cytoprotective Peptide Humanin Binds and Inhibits Proapoptotic Bcl-2/Bax Family Protein BimEL. Journal of Biological Chemistry, 2005, 280, 15825-15835.	3.4	106
16	Imatinib induces mitochondriaâ€dependent apoptosis of the Bcrâ€Ablâ€positive K562 cell line and its differentiation toward the erythroid lineage 1. FASEB Journal, 2003, 17, 2160-2162.	0.5	105
17	Mechanisms of AXL overexpression and function in Imatinib-resistant chronic myeloid leukemia cells. Oncotarget, 2011, 2, 874-885.	1.8	99
18	Autophagy is an important event for megakaryocytic differentiation of the chronic myelogenous leukemia K562 cell line. Autophagy, 2009, 5, 1092-1098.	9.1	92

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19	PI3K mediates protection against TRAIL-induced apoptosis in primary human melanocytes. Cell Death and Differentiation, 2004, 11, 1084-1091.	11.2	88
20	The PRKAA1/AMPKÎ±1 pathway triggers autophagy during CSF1-induced human monocyte differentiation and is a potential target in CMML. Autophagy, 2015, 11, 1114-1129.	9.1	86
21	The creatine kinase pathway is a metabolic vulnerability in EVI1-positive acute myeloid leukemia. Nature Medicine, 2017, 23, 301-313.	30.7	79
22	Bax inhibitorâ€1 protects from nonalcoholic steatohepatitis by limiting inositolâ€requiring enzyme 1 alpha signaling in mice. Hepatology, 2018, 68, 515-532.	7.3	78
23	Nur77 converts phenotype of Bcl-B, an antiapoptotic protein expressed in plasma cells and myeloma. Blood, 2007, 109, 3849-3855.	1.4	76
24	BCL2L10 is a predictive factor for resistance to Azacitidine in MDS and AML patients. Oncotarget, 2012, 3, 490-501.	1.8	75
25	Proteolytic regulation of Forkhead transcription factor FOXO3a by caspase-3-like proteases. Oncogene, 2003, 22, 4557-4568.	5.9	72
26	Cleavage of Fyn and Lyn in their N-terminal unique regions during induction of apoptosis: a new mechanism for Src kinase regulation. Oncogene, 2001, 20, 4935-4941.	5.9	55
27	Bcl-B Expression in Human Epithelial and Nonepithelial Malignancies. Clinical Cancer Research, 2008, 14, 3011-3021.	7.0	51
28	The protective effect of phorbol esters on Fas-mediated apoptosis in T cells. Transcriptional and posttranscriptional regulation. Oncogene, 2002, 21, 4957-4968.	5.9	47
29	The anti-apoptotic Bcl-B protein inhibits BECN1-dependent autophagic cell death. Autophagy, 2012, 8, 637-649.	9.1	45
30	Targeting the Proteasome-Associated Deubiquitinating Enzyme USP14 Impairs Melanoma Cell Survival and Overcomes Resistance to MAPK-Targeting Therapies. Molecular Cancer Therapeutics, 2018, 17, 1416-1429.	4.1	45
31	Cleavage of the Serum Response Factor during Death Receptor-induced Apoptosis Results in an Inhibition of the c-FOS Promoter Transcriptional Activity. Journal of Biological Chemistry, 2000, 275, 12941-12947.	3.4	44
32	The small heat shock protein B8 (HSPB8) confers resistance to bortezomib by promoting autophagic removal of misfolded proteins in multiple myeloma cells. Oncotarget, 2014, 5, 6252-6266.	1.8	43
33	GAPDH Overexpression in the T Cell Lineage Promotes Angioimmunoblastic T Cell Lymphoma through an NF-Î²B-Dependent Mechanism. Cancer Cell, 2019, 36, 268-287.e10.	16.8	34
34	Imatinib triggers mesenchymal-like conversion of CML cells associated with increased aggressiveness. Journal of Molecular Cell Biology, 2012, 4, 207-220.	3.3	32
35	Differential requirements for ERK1/2 and P38 MAPK activation by thrombin in T cells. Role of P59Fyn and PKCÎµ. Oncogene, 2001, 20, 1964-1972.	5.9	31
36	All tyrosine kinase inhibitor-resistant chronic myelogenous cells are highly sensitive to Ponatinib. Oncotarget, 2012, 3, 1557-1565.	1.8	30

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37	Cleavage and relocation of the tyrosine kinase P59FYN during Fas-mediated apoptosis in T lymphocytes. Oncogene, 1999, 18, 3963-3969.	5.9	29
38	T and B leukemic cell lines exhibit different requirements for cell death: correlation between caspase activation, DFF40/DFF45 expression, DNA fragmentation and apoptosis in T cell lines but not in Burkitt's lymphoma. Leukemia, 2002, 16, 700-707.	7.2	29
39	Targeting acute myeloid leukemia dependency on VCP-mediated DNA repair through a selective second-generation small-molecule inhibitor. Science Translational Medicine, 2021, 13, .	12.4	29
40	Mice Lacking bi-1 Gene Show Accelerated Liver Regeneration. Cancer Research, 2007, 67, 1442-1450.	0.9	28
41	Mechanism of action of the multikinase inhibitor Foretinib. Cell Cycle, 2011, 10, 4138-4148.	2.6	28
42	Deciphering the Role of Oncogenic MITFE318K in Senescence Delay and Melanoma Progression. Journal of the National Cancer Institute, 2017, 109, .	6.3	27
43	Implication and Regulation of AMPK during Physiological and Pathological Myeloid Differentiation. International Journal of Molecular Sciences, 2018, 19, 2991.	4.1	26
44	An absolute requirement for Fyn in T cell receptorâ€induced caspase activation and apoptosis. FASEB Journal, 2001, 15, 1777-1779.	0.5	24
45	BCL-B (BCL2L10) is overexpressed in patients suffering from multiple myeloma (MM) and drives an MM-like disease in transgenic mice. Journal of Experimental Medicine, 2016, 213, 1705-1722.	8.5	24
46	The P54â€cleaved form of the tyrosine kinase Lyn generated by caspases during BCRâ€induced cell death in B lymphoma acts as a negative regulator of apoptosis. FASEB Journal, 2003, 17, 711-713.	0.5	20
47	The caspase 6 derived N-terminal fragment of DJ-1 promotes apoptosis via increased ROS production. Cell Death and Differentiation, 2012, 19, 1769-1778.	11.2	19
48	BCL2L10 positive cells in bone marrow are an independent prognostic factor of azacitidine outcome in myelodysplastic syndrome and acute myeloid leukemia. Oncotarget, 2017, 8, 47103-47109.	1.8	19
49	The caspase-cleaved form of LYN mediates a psoriasis-like inflammatory syndrome in mice. EMBO Journal, 2009, 28, 2449-2460.	7.8	17
50	Phenotypic and genotypic characterization of azacitidine-sensitive and resistant SKM1 myeloid cell lines. Oncotarget, 2014, 5, 4384-4391.	1.8	17
51	Caspase 1/11 Deficiency or Pharmacological Inhibition Mitigates Psoriasis-Like Phenotype inÂMice. Journal of Investigative Dermatology, 2019, 139, 1306-1317.	0.7	16
52	Helicobacter pylori Lipopolysaccharide Hinders Polymorphonuclear Leucocyte Apoptosis. Laboratory Investigation, 2001, 81, 375-384.	3.7	14
53	Differentiation inducing factor 3 mediates its anti-leukemic effect through ROS-dependent DRP1-mediated mitochondrial fission and induction of caspase-independent cell death. Oncotarget, 2016, 7, 26120-26136.	1.8	14
54	The Polo-like kinase 1 inhibitor onvansertib represents a relevant treatment for head and neck squamous cell carcinoma resistant to cisplatin and radiotherapy. Theranostics, 2021, 11, 9571-9586.	10.0	11

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55	Dual Covalent Inhibition of PKM and IMPDH Targets Metabolism in Cutaneous Metastatic Melanoma. Cancer Research, 2021, 81, 3806-3821.	0.9	9
56	The oncogenic tyrosine kinase Lyn impairs the pro-apoptotic function of Bim. Oncogene, 2018, 37, 2122-2136.	5.9	8
57	A new posttranslational regulation of REDD1/DDIT4 through cleavage by caspase 3 modifies its cellular function. Cell Death and Disease, 2014, 5, e1349-e1349.	6.3	5
58	Orphan Nuclear Receptor TR3 (Nur77) Binds and Converts the Phenotype of Bcl-B, an Anti-Apoptotic Bcl-2-Family Protein Predominantly Expressed in Human Plasma Cells.. Blood, 2006, 108, 82-82.	1.4	2
59	ATP-competitive Plk1 inhibitors induce caspase 3-mediated Plk1 cleavage and activation in hematopoietic cell lines. Oncotarget, 2018, 9, 10920-10933.	1.8	2
60	Autophagy and blood diseases. Hematologie, 2015, 21, 107-116.	0.0	0
61	Caspase-Activating Protein Nalp1 Is Directly Suppressed by Bcl-2 and Bcl-Xl.. Blood, 2006, 108, 1430-1430.	1.4	0