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	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
2	Dual Covalent Inhibition of PKM and IMPDH Targets Metabolism in Cutaneous Metastatic Melanoma. Cancer Research, 2021, 81, 3806-3821.	0.9	9
3	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
4	GAPDH Overexpression in the T Cell Lineage Promotes Angioimmunoblastic T Cell Lymphoma through an NF-ÎºB-Dependent Mechanism. Cancer Cell, 2019, 36, 268-287.e10.	16.8	34
5	Caspase 1/11 Deficiency or Pharmacological Inhibition Mitigates Psoriasis-Like Phenotype inÂMice. Journal of Investigative Dermatology, 2019, 139, 1306-1317.	0.7	16
6	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
7	The oncogenic tyrosine kinase Lyn impairs the pro-apoptotic function of Bim. Oncogene, 2018, 37, 2122-2136.	5.9	8
8	IL-34 and CSF-1 display an equivalent macrophage differentiation ability but a different polarization potential. Scientific Reports, 2018, 8, 256.	3.3	149
9	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
10	Implication and Regulation of AMPK during Physiological and Pathological Myeloid Differentiation. International Journal of Molecular Sciences, 2018, 19, 2991.	4.1	26
11	ATP-competitive Plk1 inhibitors induce caspase 3-mediated Plk1 cleavage and activation in hematopoietic cell lines. Oncotarget, 2018, 9, 10920-10933.	1.8	2
12	The creatine kinase pathway is a metabolic vulnerability in EVI1-positive acute myeloid leukemia. Nature Medicine, 2017, 23, 301-313.	30.7	79
13	Deciphering the Role of Oncogenic MITFE318K in Senescence Delay and Melanoma Progression. Journal of the National Cancer Institute, 2017, 109, .	6.3	27
14	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
15	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
16	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
17	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
18	Autophagy and blood diseases. Hematologie, 2015, 21, 107-116.	0.0	0

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19	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
20	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
21	SYK Is a Critical Regulator of FLT3 in Acute Myeloid Leukemia. Cancer Cell, 2014, 25, 226-242.	16.8	126
22	Phenotypic and genotypic characterization of azacitidine-sensitive and resistant SKM1 myeloid cell lines. Oncotarget, 2014, 5, 4384-4391.	1.8	17
23	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
24	Imatinib triggers mesenchymal-like conversion of CML cells associated with increased aggressiveness. Journal of Molecular Cell Biology, 2012, 4, 207-220.	3.3	32
25	The anti-apoptotic Bcl-B protein inhibits BECN1-dependent autophagic cell death. Autophagy, 2012, 8, 637-649.	9.1	45
26	Autophagy is required for CSF-1â€“induced macrophagic differentiation and acquisition of phagocytic functions. Blood, 2012, 119, 4527-4531.	1.4	123
27	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
28	BCL2L10 is a predictive factor for resistance to Azacitidine in MDS and AML patients. Oncotarget, 2012, 3, 490-501.	1.8	75
29	All tyrosine kinase inhibitor-resistant chronic myelogenous cells are highly sensitive to Ponatinib. Oncotarget, 2012, 3, 1557-1565.	1.8	30
30	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
31	Metformin inhibits melanoma development through autophagy and apoptosis mechanisms. Cell Death and Disease, 2011, 2, e199-e199.	6.3	250
32	Mechanism of action of the multikinase inhibitor Foretinib. Cell Cycle, 2011, 10, 4138-4148.	2.6	28
33	Mechanisms of AXL overexpression and function in Imatinib-resistant chronic myeloid leukemia cells. Oncotarget, 2011, 2, 874-885.	1.8	99
34	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
35	Autophagy is an important event for megakaryocytic differentiation of the chronic myelogenous leukemia K562 cell line. Autophagy, 2009, 5, 1092-1098.	9.1	92
36	The caspase-cleaved form of LYN mediates a psoriasis-like inflammatory syndrome in mice. EMBO Journal, 2009, 28, 2449-2460.	7.8	17

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37	A Short Nur77-Derived Peptide Converts Bcl-2 from a Protector to a Killer. Cancer Cell, 2008, 14, 285-298.	16.8	192
38	Bcl-B Expression in Human Epithelial and Nonepithelial Malignancies. Clinical Cancer Research, 2008, 14, 3011-3021.	7.0	51
39	Mice Lacking bi-1 Gene Show Accelerated Liver Regeneration. Cancer Research, 2007, 67, 1442-1450.	0.9	28
40	Bcl-2 and Bcl-XL Regulate Proinflammatory Caspase-1 Activation byÂInteraction with NALP1. Cell, 2007, 129, 45-56.	28.9	308
41	Reconstituted NALP1 Inflammasome Reveals Two-Step Mechanism of Caspase-1 Activation. Molecular Cell, 2007, 25, 713-724.	9.7	610
42	Nur77 converts phenotype of Bcl-B, an antiapoptotic protein expressed in plasma cells and myeloma. Blood, 2007, 109, 3849-3855.	1.4	76
43	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
44	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
45	Caspase-Activating Protein Nalp1 Is Directly Suppressed by Bcl-2 and Bcl-Xl.. Blood, 2006, 108, 1430-1430.	1.4	0
46	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
47	Cytoprotective Peptide Humanin Binds and Inhibits Proapoptotic Bcl-2/Bax Family Protein BimEL. Journal of Biological Chemistry, 2005, 280, 15825-15835.	3.4	106
48	PI3K mediates protection against TRAIL-induced apoptosis in primary human melanocytes. Cell Death and Differentiation, 2004, 11, 1084-1091.	11.2	88
49	Cleavage of Mcl-1 by caspases impaired its ability to counteract Bim-induced apoptosis. Oncogene, 2004, 23, 7863-7873.	5.9	157
50	Proteolytic regulation of Forkhead transcription factor FOXO3a by caspase-3-like proteases. Oncogene, 2003, 22, 4557-4568.	5.9	72
51	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
52	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
53	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
54	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

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55	The protective effect of phorbol esters on Fas-mediated apoptosis in T cells. Transcriptional and postranscriptional regulation. Oncogene, 2002, 21, 4957-4968.	5.9	47
56	Helicobacter pylori Lipopolysaccharide Hinders Polymorphonuclear Leucocyte Apoptosis. Laboratory Investigation, 2001, 81, 375-384.	3.7	14
57	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
58	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
59	An absolute requirement for Fyn in T cell receptorâ€induced caspase activation and apoptosis. FASEB Journal, 2001, 15, 1777-1779.	0.5	24
60	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
61	Cleavage and relocation of the tyrosine kinase P59FYN during Fas-mediated apoptosis in T lymphocytes. Oncogene, 1999, 18, 3963-3969.	5.9	29