

# Jean-Luc Perfettini

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70  
papers

10,369  
citations

37  
h-index

76  
g-index

76  
ext. papers

11,538  
ext. citations

10.4  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
70	Calreticulin exposure dictates the immunogenicity of cancer cell death. <i>Nature Medicine</i> , <b>2007</b> , 13, 54-61	50.5	2026
69	Inhibition of macroautophagy triggers apoptosis. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 1025-40	4.8	1411
68	Activation of the NLRP3 inflammasome in dendritic cells induces IL-1beta-dependent adaptive immunity against tumors. <i>Nature Medicine</i> , <b>2009</b> , 15, 1170-8	50.5	1284
67	Cell death by mitotic catastrophe: a molecular definition. <i>Oncogene</i> , <b>2004</b> , 23, 2825-37	9.2	945
66	Lysosomal membrane permeabilization induces cell death in a mitochondrion-dependent fashion. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 1323-34	16.6	373
65	Mitochondrial membrane permeabilization is a critical step of lysosome-initiated apoptosis induced by hydroxychloroquine. <i>Oncogene</i> , <b>2003</b> , 22, 3927-36	9.2	315
64	Molecular mechanisms of ATP secretion during immunogenic cell death. <i>Cell Death and Differentiation</i> , <b>2014</b> , 21, 79-91	12.7	283
63	Cyclin-dependent kinase-1: linking apoptosis to cell cycle and mitotic catastrophe. <i>Cell Death and Differentiation</i> , <b>2002</b> , 9, 1287-93	12.7	269
62	Mitotic catastrophe constitutes a special case of apoptosis whose suppression entails aneuploidy. <i>Oncogene</i> , <b>2004</b> , 23, 4362-70	9.2	255
61	Chemotherapy induces ATP release from tumor cells. <i>Cell Cycle</i> , <b>2009</b> , 8, 3723-8	4.7	199
60	P2Z/P2X7 receptor-dependent apoptosis of dendritic cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>1999</b> , 276, C1139-47	5.4	173
59	Autophagy inhibition radiosensitizes in vitro, yet reduces radioresponses in vivo due to deficient immunogenic signalling. <i>Cell Death and Differentiation</i> , <b>2014</b> , 21, 92-9	12.7	152
58	The cell cycle checkpoint kinase Chk2 is a negative regulator of mitotic catastrophe. <i>Oncogene</i> , <b>2004</b> , 23, 4353-61	9.2	143
57	Mitochondrial fusion and fission in the control of apoptosis. <i>Trends in Cell Biology</i> , <b>2005</b> , 15, 179-83	18.3	142
56	Essential role of p53 phosphorylation by p38 MAPK in apoptosis induction by the HIV-1 envelope. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 279-89	16.6	135
55	Interaction between AIF and CHCHD4 Regulates Respiratory Chain Biogenesis. <i>Molecular Cell</i> , <b>2015</b> , 58, 1001-14	17.6	124
54	Extracellular ATP acts on P2Y2 purinergic receptors to facilitate HIV-1 infection. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, 1823-34	16.6	123

53	Sequential involvement of Cdk1, mTOR and p53 in apoptosis induced by the HIV-1 envelope. <i>EMBO Journal</i> , <b>2002</b> , 21, 4070-80	13	116
52	NF-kappaB and p53 are the dominant apoptosis-inducing transcription factors elicited by the HIV-1 envelope. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 199, 629-40	16.6	102
51	Modulation of P2Z/P2X(7) receptor activity in macrophages infected with Chlamydia psittaci. <i>American Journal of Physiology - Cell Physiology</i> , <b>2001</b> , 280, C81-9	5.4	88
50	Role of Bcl-2 family members in caspase-independent apoptosis during Chlamydia infection. <i>Infection and Immunity</i> , <b>2002</b> , 70, 55-61	3.7	86
49	The chemopreventive agent N-(4-hydroxyphenyl)retinamide induces apoptosis through a mitochondrial pathway regulated by proteins from the Bcl-2 family. <i>Oncogene</i> , <b>2003</b> , 22, 6220-30	9.2	82
48	Can immunostimulatory agents enhance the abscopal effect of radiotherapy?. <i>European Journal of Cancer</i> , <b>2016</b> , 62, 36-45	7.5	81
47	PK11195 potently sensitizes to apoptosis induction independently from the peripheral benzodiazepin receptor. <i>Oncogene</i> , <b>2005</b> , 24, 7503-13	9.2	79
46	Synergy of Radiotherapy and a Cancer Vaccine for the Treatment of HPV-Associated Head and Neck Cancer. <i>Molecular Cancer Therapeutics</i> , <b>2015</b> , 14, 1336-45	6.1	62
45	AGuIX from bench to bedside-Transfer of an ultras-small theranostic gadolinium-based nanoparticle to clinical medicine. <i>British Journal of Radiology</i> , <b>2019</b> , 92, 20180365	3.4	60
44	Effect of Chlamydia trachomatis infection and subsequent tumor necrosis factor alpha secretion on apoptosis in the murine genital tract. <i>Infection and Immunity</i> , <b>2000</b> , 68, 2237-44	3.7	59
43	Tumour spheres with inverted polarity drive the formation of peritoneal metastases in patients with hypermethylated colorectal carcinomas. <i>Nature Cell Biology</i> , <b>2018</b> , 20, 296-306	23.4	53
42	ATM mediates constitutive NF-kappaB activation in high-risk myelodysplastic syndrome and acute myeloid leukemia. <i>Oncogene</i> , <b>2009</b> , 28, 1099-109	9.2	53
41	Caspase-dependent apoptosis during infection with <i>Cryptosporidium parvum</i> . <i>Microbes and Infection</i> , <b>1999</b> , 1, 1163-8	9.3	53
40	A novel effect of DNA methyltransferase and histone deacetylase inhibitors: NFkappaB inhibition in malignant myeloblasts. <i>Cell Cycle</i> , <b>2008</b> , 7, 2139-45	4.7	51
39	Macrophage biology plays a central role during ionizing radiation-elicited tumor response. <i>Biomedical Journal</i> , <b>2017</b> , 40, 200-211	7.1	47
38	Modulating Both Tumor Cell Death and Innate Immunity Is Essential for Improving Radiation Therapy Effectiveness. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 613	8.4	44
37	Mitochondrial apoptosis and the peripheral benzodiazepine receptor: a novel target for viral and pharmacological manipulation. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 196, 1121-5	16.6	41
36	Role of proapoptotic BAX in propagation of Chlamydia muridarum (the mouse pneumonitis strain of Chlamydia trachomatis) and the host inflammatory response. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 9496-502	5.4	40

35	Mitochondrial apoptosis induced by the HIV-1 envelope. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 1010, 19-28	6.5	36
34	Critical involvement of the ATM-dependent DNA damage response in the apoptotic demise of HIV-1-elicited syncytia. <i>PLoS ONE</i> , <b>2008</b> , 3, e2458	3.7	32
33	Radiosensitization by a novel Bcl-2 and Bcl-XL inhibitor S44563 in small-cell lung cancer. <i>Cell Death and Disease</i> , <b>2014</b> , 5, e1423	9.8	31
32	Entosis, a key player in cancer cell competition. <i>Cell Research</i> , <b>2014</b> , 24, 1280-1	24.7	31
31	Characterization of cell death pathways in human immunodeficiency virus-associated encephalitis. <i>American Journal of Pathology</i> , <b>2005</b> , 167, 695-704	5.8	31
30	Understanding the functions of tumor stroma in resistance to ionizing radiation: emerging targets for pharmacological modulation. <i>Drug Resistance Updates</i> , <b>2013</b> , 16, 10-21	23.2	30
29	Entosis: The emerging face of non-cell-autonomous type IV programmed death. <i>Biomedical Journal</i> , <b>2017</b> , 40, 133-140	7.1	30
28	Mitochondrion-dependent caspase activation by the HIV-1 envelope. <i>Biochemical Pharmacology</i> , <b>2003</b> , 66, 1321-9	6	30
27	Is the inflammasome relevant for epithelial cell function?. <i>Microbes and Infection</i> , <b>2016</b> , 18, 93-101	9.3	29
26	Preapoptotic chromatin condensation upstream of the mitochondrial checkpoint. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 55937-45	5.4	27
25	NOX2-dependent ATM kinase activation dictates pro-inflammatory macrophage phenotype and improves effectiveness to radiation therapy. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 1632-1644	12.7	26
24	p53-A pro-apoptotic signal transducer involved in AIDS. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 331, 701-6	3.4	25
23	Cell death and inflammation during infection with the obligate intracellular pathogen, Chlamydia. <i>Biochimie</i> , <b>2003</b> , 85, 763-9	4.6	25
22	HIV-1 protease inhibitors and cytomegalovirus vMIA induce mitochondrial fragmentation without triggering apoptosis. <i>Cell Death and Differentiation</i> , <b>2006</b> , 13, 348-51	12.7	24
21	A brain-specific isoform of mitochondrial apoptosis-inducing factor: AIF2. <i>Cell Death and Differentiation</i> , <b>2010</b> , 17, 1155-66	12.7	23
20	Contagious apoptosis facilitated by the HIV-1 envelope: fusion-induced cell-to-cell transmission of a lethal signal. <i>Journal of Cell Science</i> , <b>2004</b> , 117, 5643-53	5.3	22
19	Anticancer chemotherapy and radiotherapy trigger both non-cell-autonomous and cell-autonomous death. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 716	9.8	21
18	Methods to dissect mitochondrial membrane permeabilization in the course of apoptosis. <i>Methods in Enzymology</i> , <b>2008</b> , 442, 355-74	1.7	21

17	Multifaceted roles of purinergic receptors in viral infection. <i>Microbes and Infection</i> , <b>2012</b> , 14, 1278-83	9.3	19
16	Inhibition of apoptosis by gamma interferon in cells and mice infected with <i>Chlamydia muridarum</i> (the mouse pneumonitis strain of <i>Chlamydia trachomatis</i> ). <i>Infection and Immunity</i> , <b>2002</b> , 70, 2559-65	3.7	19
15	Anti-apoptotic activity of the glutathione peroxidase homologue encoded by HIV-1. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2004</b> , 9, 181-92	5.4	17
14	Modulation of apoptosis during infection with <i>Chlamydia</i> . <i>Methods in Enzymology</i> , <b>2002</b> , 358, 334-44	1.7	17
13	The tumor suppressor protein PML controls apoptosis induced by the HIV-1 envelope. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 298-311	12.7	16
12	Proteomic analysis identifies prohibitin down-regulation as a crucial event in the mitochondrial damage observed in HIV-infected patients. <i>Antiviral Therapy</i> , <b>2010</b> , 15, 377-90	1.6	16
11	Syncytial apoptosis signaling network induced by the HIV-1 envelope glycoprotein complex: an overview. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1846	9.8	15
10	53BP1 represses mitotic catastrophe in syncytia elicited by the HIV-1 envelope. <i>Cell Death and Differentiation</i> , <b>2010</b> , 17, 811-20	12.7	12
9	HIV-1 Envelope Overcomes NLRP3-Mediated Inhibition of F-Actin Polymerization for Viral Entry. <i>Cell Reports</i> , <b>2019</b> , 28, 3381-3394.e7	10.6	10
8	A cellular machine generating apoptosis-prone aneuploid cells. <i>Cell Death and Differentiation</i> , <b>2005</b> , 12, 91-3	12.7	10
7	Bimodal fluorescence/Xe NMR probe for molecular imaging and biological inhibition of EGFR in Non-Small Cell Lung Cancer. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 6653-6660	3.4	9
6	Pro-apoptotic function of checkpoint kinase-2 in syncytia elicited by the HIV-1 envelope. <i>Cell Cycle</i> , <b>2009</b> , 8, 438-42	4.7	6
5	SUGT1 controls susceptibility to HIV-1 infection by stabilizing microtubule plus-ends. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 3243-3257	12.7	3
4	p38 MAP kinase in HIV-1 infection: the enemy within. <i>Blood</i> , <b>2005</b> , 106, 1899-1900	2.2	3
3	Mitochondrial Regulation of Cell Death <b>2018</b> , 75-90		1
2	Apoptose et <i>Chlamydia</i> . <i>Annales De L'Institut Pasteur / Actualités</i> , <b>2000</b> , 11, 95-109		
1	Molecular Mechanisms of HIV-1 Syncytial Apoptosis <b>2005</b> , 271-278		