# Jean-Ehrland Ricci

## List of Publications by Citations



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|---|---|---|---|
| 80 papers | 7,832 citations | 37 h-index | 85 g-index |
| 85 ext. papers | 9,275 ext. citations | 9.8 avg, IF | 5.54 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 80 | A unified model for apical caspase activation. *Molecular Cell*, **2003**, 11, 529-41 | 17.6 | 779 |
| 79 | Consensus guidelines for the detection of immunogenic cell death. *OncoImmunology*, **2014**, 3, e955691 | 7.2 | 524 |
| 78 | Disruption of mitochondrial function during apoptosis is mediated by caspase cleavage of the p75 subunit of complex I of the electron transport chain. *Cell*, **2004**, 117, 773-86 | 56.2 | 486 |
| 77 | Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382 | 10.2 | 440 |
| 76 | Induction of immunological tolerance by apoptotic cells requires caspase-dependent oxidation of high-mobility group box-1 protein. *Immunity*, **2008**, 29, 21-32 | 32.3 | 438 |
| 75 | GAPDH and autophagy preserve survival after apoptotic cytochrome c release in the absence of caspase activation. *Cell*, **2007**, 129, 983-97 | 56.2 | 410 |
| 74 | Caspase-mediated loss of mitochondrial function and generation of reactive oxygen species during apoptosis. *Journal of Cell Biology*, **2003**, 160, 65-75 | 7.3 | 404 |
| 73 | miR-210 is overexpressed in late stages of lung cancer and mediates mitochondrial alterations associated with modulation of HIF-1 activity. *Cell Death and Differentiation*, **2011**, 18, 465-78 | 12.7 | 319 |
| 72 | Cancer metabolism: current perspectives and future directions. *Cell Death and Disease*, **2012**, 3, e248 | 9.8 | 282 |
| 71 | Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. *Frontiers in Immunology*, **2015**, 6, 588 | 8.4 | 239 |
| 70 | Mitochondrial control of caspase-dependent and -independent cell death. *Cellular and Molecular Life Sciences*, **2010**, 67, 1589-97 | 10.3 | 212 |
| 69 | A caspase inhibitor fully protects rats against lethal normothermic liver ischemia by inhibition of liver apoptosis. *FASEB Journal*, **1999**, 13, 253-61 | 0.9 | 206 |
| 68 | Cytochrome c is released in a single step during apoptosis. *Cell Death and Differentiation*, **2005**, 12, 453-62 | 12.7 | 184 |
| 67 | Novel roles for GAPDH in cell death and carcinogenesis. *Cell Death and Differentiation*, **2009**, 16, 1573-81 | 12.7 | 169 |
| 66 | The role of ARK in stress-induced apoptosis in Drosophila cells. *Journal of Cell Biology*, **2002**, 156, 1077-87 | 7.3 | 150 |
| 65 | Parkin-Independent Mitophagy Controls Chemotherapeutic Response in Cancer Cells. *Cell Reports*, **2017**, 20, 2846-2859 | 10.6 | 143 |
| 64 | 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, 2809-14 | 11.5 | 143 |

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| 63 | Mitochondrial permeabilization engages NF-B-dependent anti-tumour activity under caspase deficiency. *Nature Cell Biology*, **2017**, 19, 1116-1129 | 23.4 | 119 |
| 62 | No Parkin Zone: Mitophagy without Parkin. *Trends in Cell Biology*, **2018**, 28, 882-895 | 18.3 | 111 |
| 61 | Glycolysis inhibition sensitizes tumor cells to death receptors-induced apoptosis by AMP kinase activation leading to Mcl-1 block in translation. *Oncogene*, **2010**, 29, 1641-52 | 9.2 | 110 |
| 60 | And all of a sudden it s over: mitochondrial outer-membrane permeabilization in apoptosis. *Biochimie*, **2002**, 84, 113-21 | 4.6 | 110 |
| 59 | PPAR contributes to PKM2 and HK2 expression in fatty liver. *Nature Communications*, **2012**, 3, 672 | 17.4 | 107 |
| 58 | CHCHD10 mutations promote loss of mitochondrial cristae junctions with impaired mitochondrial genome maintenance and inhibition of apoptosis. *EMBO Molecular Medicine*, **2016**, 8, 58-72 | 12 | 104 |
| 57 | Cytoprotective peptide humanin binds and inhibits proapoptotic Bcl-2/Bax family protein BimEL. *Journal of Biological Chemistry*, **2005**, 280, 15825-35 | 5.4 | 91 |
| 56 | Refractory epilepsy and mitochondrial dysfunction due to GM3 synthase deficiency. *European Journal of Human Genetics*, **2013**, 21, 528-34 | 5.3 | 88 |
| 55 | Caloric restriction and cancer: molecular mechanisms and clinical implications. *Trends in Molecular Medicine*, **2014**, 20, 419-27 | 11.5 | 79 |
| 54 | Antagonism of chemokine receptor CXCR3 inhibits osteosarcoma metastasis to lungs. *International Journal of Cancer*, **2009**, 125, 2586-94 | 7.5 | 77 |
| 53 | Combination of glycolysis inhibition with chemotherapy results in an antitumor immune response. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 20071-6 | 11.5 | 70 |
| 52 | Low-Protein Diet Induces IRE1 Dependent Anticancer Immunosurveillance. *Cell Metabolism*, **2018**, 27, 828-842.e7 | 24.6 | 65 |
| 51 | Glucose deprivation induces an atypical form of apoptosis mediated by caspase-8 in Bax-, Bak-deficient cells. *Cell Death and Differentiation*, **2010**, 17, 1335-44 | 12.7 | 53 |
| 50 | 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, 4935-41 | 9.2 | 52 |
| 49 | GAPDH binds to active Akt, leading to Bcl-xL increase and escape from caspase-independent cell death. *Cell Death and Differentiation*, **2013**, 20, 1043-54 | 12.7 | 44 |
| 48 | 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, 12941-7 | 5.4 | 42 |
| 47 | Blocking NF-kappaB activation in Jurkat leukemic T cells converts the survival agent and tumor promoter PMA into an apoptotic effector. *Oncogene*, **2002**, 21, 3213-24 | 9.2 | 41 |
| 46 | GAPDH enhances the aggressiveness and the vascularization of non-Hodgkin s B lymphomas via NF-B-dependent induction of HIF-1 *Leukemia*, **2015**, 29, 1163-76 | 10.7 | 39 |

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| 45 | Hyperthermic intraperitoneal chemotherapy leads to an anticancer immune response via exposure of cell surface heat shock protein 90. *Oncogene*, **2016**, 35, 261-8 | 9.2 | 38 |
| 44 | Differential expression of the Kell blood group and CD10 antigens: two related membrane metallopeptidases during differentiation of K562 cells by phorbol ester and hemin. *FASEB Journal*, **1998**, 12, 531-9 | 0.9 | 37 |
| 43 | Caloric restriction modulates Mcl-1 expression and sensitizes lymphomas to BH3 mimetic in mice. *Blood*, **2013**, 122, 2402-11 | 2.2 | 36 |
| 42 | Glycolysis inhibition targets Mcl-1 to restore sensitivity of lymphoma cells to ABT-737-induced apoptosis. *Leukemia*, **2012**, 26, 1145-7 | 10.7 | 35 |
| 41 | Caspase inhibition protects from liver injury following ischemia and reperfusion in rats. *Transplant International*, **2000**, 13, S568-S572 | 3 | 35 |
| 40 | Mitochondrial defect in muscle precedes neuromuscular junction degeneration and motor neuron death in CHCHD10 mouse. *Acta Neuropathologica*, **2019**, 138, 123-145 | 14.3 | 31 |
| 39 | Differential requirements for ERK1/2 and P38 MAPK activation by thrombin in T cells. Role of P59Fyn and PKCepsilon. *Oncogene*, **2001**, 20, 1964-72 | 9.2 | 31 |
| 38 | GAPDH Expression Predicts the Response to R-CHOP, the Tumor Metabolic Status, and the Response of DLBCL Patients to Metabolic Inhibitors. *Cell Metabolism*, **2019**, 29, 1243-1257.e10 | 24.6 | 31 |
| 37 | TNF□nduced lysosomal membrane permeability is downstream of MOMP and triggered by caspase-mediated NDUFS1 cleavage and ROS formation. *Journal of Cell Science*, **2013**, 126, 4015-25 | 5.3 | 30 |
| 36 | Loss of MICOS complex integrity and mitochondrial damage, but not TDP-43 mitochondrial localisation, are likely associated with severity of CHCHD10-related diseases. *Neurobiology of Disease*, **2018**, 119, 159-171 | 7.5 | 29 |
| 35 | Starvation and antimetabolic therapy promote cytokine release and recruitment of immune cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 9932-9941 | 11.5 | 29 |
| 34 | NIK promotes tissue destruction independently of the alternative NF-B pathway through TNFR1/RIP1-induced apoptosis. *Cell Death and Differentiation*, **2015**, 22, 2020-33 | 12.7 | 28 |
| 33 | Cleavage and relocation of the tyrosine kinase P59FYN during Fas-mediated apoptosis in T lymphocytes. *Oncogene*, **1999**, 18, 3963-9 | 9.2 | 28 |
| 32 | Glucose metabolism is inhibited by caspases upon the induction of apoptosis. *Cell Death and Disease*, **2014**, 5, e1406 | 9.8 | 27 |
| 31 | 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, 700-7 | 10.7 | 27 |
| 30 | Metabolic Reprogramming of Non-Hodgkin's B-Cell Lymphomas and Potential Therapeutic Strategies. *Frontiers in Oncology*, **2018**, 8, 556 | 5.3 | 25 |
| 29 | Inactivation of Pif1 helicase causes a mitochondrial myopathy in mice. *Mitochondrion*, **2016**, 30, 126-37 | 4.9 | 24 |
| 28 | An absolute requirement for Fyn in T cell receptor-induced caspase activation and apoptosis. *FASEB Journal*, **2001**, 15, 1777-9 | 0.9 | 24 |

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| 27 | Tumor hypoxia and metabolism -- towards novel anticancer approaches. *Annales DtEndocrinologie*, **2013**, 74, 111-4 | 1.7 | 23 |
| 26 | Regulation of tumor-stroma interactions by the unfolded protein response. *FEBS Journal*, **2019**, 286, 279-296 | 5.7 | 23 |
| 25 | Modulation of caspase-independent cell death leads to resensitization of imatinib mesylate-resistant cells. *Cancer Research*, **2009**, 69, 3013-20 | 10.1 | 22 |
| 24 | Comparative proteomics study reveals that bacterial CpG motifs induce tumor cell autophagy in vitro and in vivo. *Molecular and Cellular Proteomics*, **2008**, 7, 2311-22 | 7.6 | 20 |
| 23 | The p54 cleaved form of the tyrosine kinase Lyn generated by caspases during BCR-induced cell death in B lymphoma acts as a negative regulator of apoptosis. *FASEB Journal*, **2003**, 17, 711-3 | 0.9 | 20 |
| 22 | Sirtuin 7: a new marker of aggressiveness in prostate cancer. *Oncotarget*, **2017**, 8, 77309-77316 | 3.3 | 17 |
| 21 | How does metabolism affect cell death in cancer?. *FEBS Journal*, **2016**, 283, 2653-60 | 5.7 | 17 |
| 20 | GAPDH Overexpression in the T Cell Lineage Promotes Angioimmunoblastic T Cell Lymphoma through an NF-B-Dependent Mechanism. *Cancer Cell*, **2019**, 36, 268-287.e10 | 24.3 | 15 |
| 19 | The human MSH5 (MutSHomolog 5) protein localizes to mitochondria and protects the mitochondrial genome from oxidative damage. *Mitochondrion*, **2012**, 12, 654-65 | 4.9 | 15 |
| 18 | The caspase-cleaved form of LYN mediates a psoriasis-like inflammatory syndrome in mice. *EMBO Journal*, **2009**, 28, 2449-60 | 13 | 14 |
| 17 | T-Cell Receptor Signaling Pathway Exerts a Negative Control on Thrombin-Mediated Increase in [Ca2+]i and p38 MAPK Activation in Jurkat T Cells: Implication of the Tyrosine Kinase p56Lck. *Blood*, **1998**, 91, 4232-4241 | 2.2 | 13 |
| 16 | Reshaping the Immune Tumor Microenvironment Through IRE1 Signaling. *Trends in Molecular Medicine*, **2018**, 24, 607-614 | 11.5 | 13 |
| 15 | 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, 26120-36 | 3.3 | 11 |
| 14 | Heat-shock response increases lung injury caused by Pseudomonas aeruginosa via an interleukin-10-dependent mechanism in mice. *Anesthesiology*, **2014**, 120, 1450-62 | 4.3 | 10 |
| 13 | Caspase 1/11 Deficiency or Pharmacological Inhibition Mitigates Psoriasis-Like Phenotype in Mice. *Journal of Investigative Dermatology*, **2019**, 139, 1306-1317 | 4.3 | 7 |
| 12 | New preclinical models for angioimmunoblastic T-cell lymphoma: filling the GAP. *Oncogenesis*, **2020**, 9, 73 | 6.6 | 7 |
| 11 | The oncogenic tyrosine kinase Lyn impairs the pro-apoptotic function of Bim. *Oncogene*, **2018**, 37, 2122-2136 | 9.2 | 6 |
| 10 | Hyperthermic intra-peritoneal chemotherapy and anticancer immune response. *OncoImmunology*, **2016**, 5, e1060392 | 7.2 | 4 |

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| 9 | Severe thymic atrophy in a mouse model of skin inflammation accounts for impaired TNFR1 signaling. *PLoS ONE*, **2012**, 7, e47321 | 3.7 | 4 |
| 8 | T-Cell Receptor Signaling Pathway Exerts a Negative Control on Thrombin-Mediated Increase in [Ca2+]i and p38 MAPK Activation in Jurkat T Cells: Implication of the Tyrosine Kinase p56Lck. *Blood*, **1998**, 91, 4232-4241 | 2.2 | 2 |
| 7 | Pharmacological preconditioning protects from ischemia/reperfusion-induced apoptosis by modulating Bcl-xL expression through a ROS-dependent mechanism. *FEBS Journal*, **2021**, 288, 3547-3569 | 5.7 | 2 |
| 6 | Low carbohydrate diet prevents Mcl-1-mediated resistance to BH3-mimetics. *Oncotarget*, **2016**, 7, 73270-73279 | 3.3 | 1 |
| 5 | EVT-701 is a novel selective and safe mitochondrial complex 1 inhibitor with potent anti-tumor activity in models of solid cancers. *Pharmacology Research and Perspectives*, **2021**, 9, e00854 | 3.1 | 1 |
| 4 | The E3 ligase UBR2 regulates cell death under caspase deficiency via Erk/MAPK pathway. *Cell Death and Disease*, **2020**, 11, 1041 | 9.8 | 0 |
| 3 | The prohibitin-binding compound fluorizoline inhibits mitophagy in cancer cells. *Oncogenesis*, **2021**, 10, 64 | 6.6 | 0 |
| 2 | Physiological impact of in vivo stable isotope tracing on cancer metabolism. *Molecular Metabolism*, **2021**, 53, 101294 | 8.8 | 0 |
| 1 | Novel T Follicular Helper-like T-Cell Lymphoma Therapies: From Preclinical Evaluation to Clinical Reality. *Cancers*, **2022**, 14, 2392 | 6.6 | 0 |