

Olivier Micheau

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.

96
papers

9,140
citations

43
h-index

95
g-index

113
ext. papers

10,033
ext. citations

7.5
avg, IF

6
L-index

#	Paper	IF	Citations
96	Induction of TNF receptor I-mediated apoptosis via two sequential signaling complexes. <i>Cell</i> , 2003 , 114, 181-90	56.2	1937
95	Fas triggers an alternative, caspase-8-independent cell death pathway using the kinase RIP as effector molecule. <i>Nature Immunology</i> , 2000 , 1, 489-95	19.1	1387
94	NF-kappaB signals induce the expression of c-FLIP. <i>Molecular and Cellular Biology</i> , 2001 , 21, 5299-305	4.8	696
93	Recruitment of TNF receptor 1 to lipid rafts is essential for TNFalpha-mediated NF-kappaB activation. <i>Immunity</i> , 2003 , 18, 655-64	32.3	369
92	The long form of FLIP is an activator of caspase-8 at the Fas death-inducing signaling complex. <i>Journal of Biological Chemistry</i> , 2002 , 277, 45162-71	5.4	363
91	Sensitization of cancer cells treated with cytotoxic drugs to fas-mediated cytotoxicity. <i>Journal of the National Cancer Institute</i> , 1997 , 89, 783-9	9.7	258
90	Fas ligand-independent, FADD-mediated activation of the Fas death pathway by anticancer drugs. <i>Journal of Biological Chemistry</i> , 1999 , 274, 7987-92	5.4	246
89	Differential inhibition of TRAIL-mediated DR5-DISC formation by decoy receptors 1 and 2. <i>Molecular and Cellular Biology</i> , 2006 , 26, 7046-55	4.8	241
88	Carma1, a CARD-containing binding partner of Bcl10, induces Bcl10 phosphorylation and NF-kappaB activation. <i>FEBS Letters</i> , 2001 , 496, 121-7	3.8	165
87	Redistribution of CD95, DR4 and DR5 in rafts accounts for the synergistic toxicity of resveratrol and death receptor ligands in colon carcinoma cells. <i>Oncogene</i> , 2004 , 23, 8979-86	9.2	161
86	Death receptors as targets in cancer. <i>British Journal of Pharmacology</i> , 2013 , 169, 1723-44	8.6	135
85	Peptides and aptamers targeting HSP70: a novel approach for anticancer chemotherapy. <i>Cancer Research</i> , 2011 , 71, 484-95	10.1	124
84	TRAIL in cancer therapy: present and future challenges. <i>Expert Opinion on Therapeutic Targets</i> , 2007 , 11, 1299-314	6.4	124
83	dsRNA induces apoptosis through an atypical death complex associating TLR3 to caspase-8. <i>Cell Death and Differentiation</i> , 2012 , 19, 1482-94	12.7	122
82	Small heat shock proteins and the cytoskeleton: an essential interplay for cell integrity?. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 1680-6	5.6	118
81	Chemotherapy enhances TNF-related apoptosis-inducing ligand DISC assembly in HT29 human colon cancer cells. <i>Oncogene</i> , 2003 , 22, 1807-16	9.2	112
80	Overexpression of Helicard, a CARD-containing helicase cleaved during apoptosis, accelerates DNA degradation. <i>Current Biology</i> , 2002 , 12, 838-43	6.3	110

79	Caspase-8 prevents sustained activation of NF-kappaB in monocytes undergoing macrophagic differentiation. <i>Blood</i> , 2007 , 109, 1442-50	2.2	104
78	Targeting c-FLIP in cancer. <i>Cancer Letters</i> , 2013 , 332, 141-50	9.9	101
77	FIST/HIPK3: a Fas/FADD-interacting serine/threonine kinase that induces FADD phosphorylation and inhibits fas-mediated Jun NH(2)-terminal kinase activation. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1165-74	16.6	92
76	Bcl-rambo, a novel Bcl-2 homologue that induces apoptosis via its unique C-terminal extension. <i>Journal of Biological Chemistry</i> , 2001 , 276, 19548-54	5.4	85
75	Cancer cell sensitization to fas-mediated apoptosis by sodium butyrate. <i>Cell Death and Differentiation</i> , 1998 , 5, 480-7	12.7	83
74	Cellular FLICE-inhibitory protein: an attractive therapeutic target?. <i>Expert Opinion on Therapeutic Targets</i> , 2003 , 7, 559-73	6.4	78
73	Inhibition of HSP27 blocks fibrosis development and EMT features by promoting Snail degradation. <i>FASEB Journal</i> , 2013 , 27, 1549-60	0.9	77
72	Multivalent DR5 peptides activate the TRAIL death pathway and exert tumoricidal activity. <i>Cancer Research</i> , 2010 , 70, 1101-10	10.1	77
71	A mitochondrial block and expression of XIAP lead to resistance to TRAIL-induced apoptosis during progression to metastasis of a colon carcinoma. <i>Oncogene</i> , 2008 , 27, 6012-22	9.2	76
70	Quercetin-mediated Mcl-1 and survivin downregulation restores TRAIL-induced apoptosis in non-Hodgkin's lymphoma B cells. <i>Haematologica</i> , 2012 , 97, 38-46	6.6	70
69	Chemotherapy overcomes TRAIL-R4-mediated TRAIL resistance at the DISC level. <i>Cell Death and Differentiation</i> , 2011 , 18, 700-11	12.7	69
68	CD40 ligand protects from TRAIL-induced apoptosis in follicular lymphomas through NF-kappaB activation and up-regulation of c-FLIP and Bcl-xL. <i>Journal of Immunology</i> , 2008 , 181, 1001-11	5.3	67
67	Arsenic trioxide induces apoptosis of human monocytes during macrophagic differentiation through nuclear factor-kappaB-related survival pathway down-regulation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 304-14	4.7	61
66	N-glycosylation of mouse TRAIL-R and human TRAIL-R1 enhances TRAIL-induced death. <i>Cell Death and Differentiation</i> , 2017 , 24, 500-510	12.7	59
65	Downregulation of ceramide synthase-6 during epithelial-to-mesenchymal transition reduces plasma membrane fluidity and cancer cell motility. <i>Oncogene</i> , 2015 , 34, 996-1005	9.2	59
64	E2F1 induces apoptosis and sensitizes human lung adenocarcinoma cells to death-receptor-mediated apoptosis through specific downregulation of c-FLIP(short). <i>Cell Death and Differentiation</i> , 2006 , 13, 260-72	12.7	58
63	STAT-1-independent upregulation of FADD and procaspase-3 and -8 in cancer cells treated with cytotoxic drugs. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 256, 603-7	3.4	56
62	Nanovectorization of TRAIL with single wall carbon nanotubes enhances tumor cell killing. <i>Nano Letters</i> , 2015 , 15, 891-5	11.5	54

61	Intracellular localization of keratinocyte Fas ligand explains lack of cytolytic activity under physiological conditions. <i>Journal of Biological Chemistry</i> , 2003 , 278, 16183-8	5-4	53
60	TRAIL receptor gene editing unveils TRAIL-R1 as a master player of apoptosis induced by TRAIL and ER stress. <i>Oncotarget</i> , 2017 , 8, 9974-9985	3-3	53
59	Regulating TRAIL receptor-induced cell death at the membrane : a deadly discussion. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2011 , 6, 311-23	2.6	52
58	TRAIL induces receptor-interacting protein 1-dependent and caspase-dependent necrosis-like cell death under acidic extracellular conditions. <i>Cancer Research</i> , 2007 , 67, 218-26	10.1	52
57	TRAIL-R4 promotes tumor growth and resistance to apoptosis in cervical carcinoma HeLa cells through AKT. <i>PLoS ONE</i> , 2011 , 6, e19679	3-7	50
56	Combining naturally occurring polyphenols with TNF-related apoptosis-inducing ligand: a promising approach to kill resistant cancer cells?. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 3115-30	10.3	49
55	Identification of a novel pro-apoptotic role of NF- κ B in the regulation of TRAIL- and CD95-mediated apoptosis of glioblastoma cells. <i>Oncogene</i> , 2012 , 31, 1468-74	9.2	46
54	Colony-stimulating factor-1-induced oscillations in phosphatidylinositol-3 kinase/AKT are required for caspase activation in monocytes undergoing differentiation into macrophages. <i>Blood</i> , 2009 , 114, 3633-41	2.2	44
53	Peroxy-nitrite-dependent killing of cancer cells and presentation of released tumor antigens by activated dendritic cells. <i>Journal of Immunology</i> , 2010 , 184, 1876-84	5-3	43
52	Regulation of TNF-Related Apoptosis-Inducing Ligand Signaling by Glycosylation. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	40
51	Differential mechanisms of conjunctival cell death induction by ultraviolet irradiation and benzalkonium chloride. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4221-30		35
50	Antibodies and Derivatives Targeting DR4 and DR5 for Cancer Therapy. <i>Antibodies</i> , 2017 , 6,	7	34
49	Hyperthermia restores apoptosis induced by death receptors through aggregation-induced c-FLIP cytosolic depletion. <i>Cell Death and Disease</i> , 2015 , 6, e1633	9.8	33
48	P53-mediated upregulation of DcR1 impairs oxaliplatin/TRAIL-induced synergistic anti-tumour potential in colon cancer cells. <i>Oncogene</i> , 2008 , 27, 4161-71	9.2	31
47	Contribution of the cyclin-dependent kinase inhibitor p27KIP1 to the confluence-dependent resistance of HT29 human colon carcinoma cells. <i>International Journal of Cancer</i> , 1998 , 77, 796-802	7.5	30
46	The mycotoxin zearalenone enhances cell proliferation, colony formation and promotes cell migration in the human colon carcinoma cell line HCT116. <i>Toxicology Letters</i> , 2016 , 254, 1-7	4.4	30
45	TRAIL-NP hybrids for cancer therapy: a review. <i>Nanoscale</i> , 2017 , 9, 5755-5768	7.7	29
44	Catalytically active Yersinia outer protein P induces cleavage of RIP and caspase-8 at the level of the DISC independently of death receptors in dendritic cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007 , 12, 1813-25	5.4	28

43	Ectopic expression of the serine protease inhibitor PI9 modulates death receptor-mediated apoptosis. <i>Cell Death and Differentiation</i> , 2007 , 14, 1486-96	12.7	27
42	TRAIL promotes membrane blebbing, detachment and migration of cells displaying a dysfunctional intrinsic pathway of apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013 , 18, 324-36	5.4	22
41	Oxaliplatin sensitizes human colon cancer cells to TRAIL through JNK-dependent phosphorylation of Bcl-xL. <i>Gastroenterology</i> , 2011 , 141, 663-73	13.3	22
40	Distinct requirements for activation-induced cell surface expression of preformed Fas/CD95 ligand and cytolytic granule markers in T cells. <i>Cell Death and Differentiation</i> , 2009 , 16, 115-24	12.7	22
39	Molecular crosstalk between TRAIL and natural antioxidants in the treatment of cancer. <i>British Journal of Pharmacology</i> , 2009 , 157, 1186-8	8.6	20
38	Epigenetic Regulation of TRAIL Signaling: Implication for Cancer Therapy. <i>Cancers</i> , 2019 , 11,	6.6	19
37	Release of c-FLIP brake selectively sensitizes human cancer cells to TLR3-mediated apoptosis. <i>Cell Death and Disease</i> , 2018 , 9, 874	9.8	19
36	The Ectodysplasin receptor EDAR acts as a tumor suppressor in melanoma by conditionally inducing cell death. <i>Cell Death and Differentiation</i> , 2019 , 26, 443-454	12.7	18
35	Regulation of the proapoptotic functions of prostate apoptosis response-4 (Par-4) by casein kinase 2 in prostate cancer cells. <i>Cell Death and Disease</i> , 2014 , 5, e1016	9.8	18
34	Marine Drugs Regulating Apoptosis Induced by Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand (TRAIL). <i>Marine Drugs</i> , 2015 , 13, 6884-909	6	18
33	Equine herpesvirus protein E10 induces membrane recruitment and phosphorylation of its cellular homologue, bcl-10. <i>Journal of Cell Biology</i> , 2001 , 152, 1115-22	7.3	18
32	LF 15-0195 immunosuppressive agent enhances activation-induced T-cell death by facilitating caspase-8 and caspase-10 activation at the DISC level. <i>Blood</i> , 2003 , 101, 194-201	2.2	13
31	Sphingolipids modulate the epithelial-mesenchymal transition in cancer. <i>Cell Death Discovery</i> , 2015 , 1, 15001	6.9	12
30	Enhanced DR5 binding capacity of nanovectorized TRAIL compared to its cytotoxic version by affinity chromatography and molecular docking studies. <i>Journal of Molecular Recognition</i> , 2016 , 29, 406-414	7.6	12
29	CC5 and CC8, two homologous disintegrins from <i>Cerastes cerastes</i> venom, inhibit in vitro and ex vivo angiogenesis. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 670-80	7.9	10
28	Marine actinomycete crude extracts with potent TRAIL-resistance overcoming activity against breast cancer cells. <i>Oncology Reports</i> , 2017 , 37, 3635-3642	3.5	10
27	Neutral Sphingomyelinase 2 Heightens Anti-Melanoma Immune Responses and Anti-PD-1 Therapy Efficacy. <i>Cancer Immunology Research</i> , 2021 , 9, 568-582	12.5	9
26	TRAIL acts synergistically with iron oxide nanocluster-mediated magneto- and photothermia. <i>Theranostics</i> , 2019 , 9, 5924-5936	12.1	8

25	Deglycosylated bleomycin induces apoptosis in lymphoma cell via c-jun NH2-terminal kinase but not reactive oxygen species. <i>Biochemical Pharmacology</i> , 2007 , 74, 1445-55	6	8
24	The multifaceted role of TRAIL signaling in cancer and immunity. <i>FEBS Journal</i> , 2021 , 288, 5530-5554	5.7	8
23	Death Receptor-Induced Apoptosis Signalling Regulation by Ezrin Is Cell Type Dependent and Occurs in a DISC-Independent Manner in Colon Cancer Cells. <i>PLoS ONE</i> , 2015 , 10, e0126526	3.7	7
22	The heme oxygenase-1 and c-FLIP in acute myeloid leukemias: two non-redundant but mutually exclusive cellular safeguards protecting cells against TNF-induced cell death?. <i>Oncotarget</i> , 2010 , 1, 317-319	3.3	7
21	Cisplatin unleashes Toll-like receptor 3-mediated apoptosis through the downregulation of c-FLIP in malignant mesothelioma. <i>Cancer Letters</i> , 2020 , 472, 29-39	9.9	7
20	Coupling tumor necrosis factor-related apoptosis-inducing ligand to iron oxide nanoparticles increases its apoptotic activity on HCT116 and HepG2 malignant cells: effect of magnetic core size. <i>Journal of Interdisciplinary Nanomedicine</i> , 2019 , 4, 34-50	4	6
19	Dual Role of TLR3 in Inflammation and Cancer Cell Apoptosis 2013 ,		6
18	Relationship between the agonist activity of synthetic ligands of TRAIL-R2 and their cell surface binding modes. <i>Oncotarget</i> , 2018 , 9, 15566-15578	3.3	6
17	The heme oxygenase-1 and c-FLIP in acute myeloid leukemias: two non-redundant but mutually exclusive cellular safeguards protecting cells against TNF-induced cell death?. <i>Oncotarget</i> , 2010 , 1, 317-319	3.3	6
16	Thiocolchicoside a semi-synthetic derivative of the Glory Lily: a new weapon to fight metastatic bone resorption?. <i>British Journal of Pharmacology</i> , 2012 , 165, 2124-6	8.6	5
15	Marine Actinomycetes-Derived Secondary Metabolites Overcome TRAIL-Resistance via the Intrinsic Pathway through Downregulation of Survivin and XIAP. <i>Cells</i> , 2020 , 9,	7.9	5
14	Nanovector formation by functionalization of TRAIL ligand on single-walled carbon nanotube: Experimental and theoretical evidences. <i>Chemical Physics Letters</i> , 2015 , 633, 273-281	2.5	4
13	P27KIP1 overexpression inhibits the growth and doxorubicin sensitivity of HT29 human colon cancer cells in vivo. <i>Anticancer Research</i> , 2000 , 20, 849-52	2.3	4
12	Immunoprecipitation of Death Inducing Signaling Complex by Caspase-8. <i>Methods in Molecular Biology</i> , 2017 , 1557, 19-31	1.4	3
11	Generation and characterization of novel anti-DR4 and anti-DR5 antibodies developed by genetic immunization. <i>Cell Death and Disease</i> , 2019 , 10, 101	9.8	3
10	TRAIL, Fas Ligand, TNF and TLR3 in Cancer. <i>Resistance To Targeted Anti-cancer Therapeutics</i> , 2017 ,	0.3	2
9	Cellular FLICE-inhibitory Protein: An Update 120-156		2
8	Overexpression of Helicard, a CARD-Containing Helicase Cleaved during Apoptosis, Accelerates DNA Degradation. <i>Current Biology</i> , 2002 , 12, 1633	6.3	2

7	Grafting TRAIL through Either Amino or Carboxylic Groups onto Maghemite Nanoparticles: Influence on Pro-Apoptotic Efficiency. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
6	Corrigendum to: Carma1, a CARD-containing binding partner of Bcl10, induces Bcl10 phosphorylation and NF- κ B activation (FEBS 24842). <i>FEBS Letters</i> , 2001 , 505, 198-198	3.8	1
5	Chemotherapy with ceramide in TNBC. <i>Oncoscience</i> , 2015 , 2, 817-8	0.8	1
4	Cellular FLICE-inhibitory protein: an attractive therapeutic target?		0
3	FLIP 2017 , 881-891		
2	Posttranslational Modifications and Death Receptor Signalling. <i>Resistance To Targeted Anti-cancer Therapeutics</i> , 2017 , 247-290	0.3	
1	FLIP 2015 , 1-11		