

Olivier Micheau

List of Publications by Year in descending order

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105
papers

10,824
citations

50244

46
h-index

34964

98
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114
all docs

114
docs citations

114
times ranked

12417
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of TNF Receptor I-Mediated Apoptosis via Two Sequential Signaling Complexes. <i>Cell</i> , 2003, 114, 181-190.	13.5	2,312
2	Fas triggers an alternative, caspase-8-independent cell death pathway using the kinase RIP as effector molecule. <i>Nature Immunology</i> , 2000, 1, 489-495.	7.0	1,626
3	NF- κ B Signals Induce the Expression of c-FLIP. <i>Molecular and Cellular Biology</i> , 2001, 21, 5299-5305.	1.1	764
4	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, 45162-45171.	1.6	419
5	Recruitment of TNF Receptor 1 to Lipid Rafts Is Essential for TNF-Mediated NF- κ B Activation. <i>Immunity</i> , 2003, 18, 655-664.	6.6	417
6	Differential Inhibition of TRAIL-Mediated DR5-DISC Formation by Decoy Receptors 1 and 2. <i>Molecular and Cellular Biology</i> , 2006, 26, 7046-7055.	1.1	288
7	Fas Ligand-independent, FADD-mediated Activation of the Fas Death Pathway by Anticancer Drugs. <i>Journal of Biological Chemistry</i> , 1999, 274, 7987-7992.	1.6	282
8	Sensitization of Cancer Cells Treated With Cytotoxic Drugs to Fas-Mediated Cytotoxicity. <i>Journal of the National Cancer Institute</i> , 1997, 89, 783-789.	3.0	273
9	Carma1, a CARD-containing binding partner of Bcl10, induces Bcl10 phosphorylation and NF- κ B activation. <i>FEBS Letters</i> , 2001, 496, 121-127.	1.3	187
10	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, 8979-8986.	2.6	181
11	Death receptors as targets in cancer. <i>British Journal of Pharmacology</i> , 2013, 169, 1723-1744.	2.7	168
12	Small heat shock proteins and the cytoskeleton: An essential interplay for cell integrity?. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1680-1686.	1.2	156
13	Peptides and Aptamers Targeting HSP70: A Novel Approach for Anticancer Chemotherapy. <i>Cancer Research</i> , 2011, 71, 484-495.	0.4	150
14	TRAIL in cancer therapy: present and future challenges. <i>Expert Opinion on Therapeutic Targets</i> , 2007, 11, 1299-1314.	1.5	148
15	dsRNA induces apoptosis through an atypical death complex associating TLR3 to caspase-8. <i>Cell Death and Differentiation</i> , 2012, 19, 1482-1494.	5.0	142
16	Overexpression of Helicard, a CARD-Containing Helicase Cleaved during Apoptosis, Accelerates DNA Degradation. <i>Current Biology</i> , 2002, 12, 838-843.	1.8	129
17	Caspase-8 prevents sustained activation of NF- κ B in monocytes undergoing macrophagic differentiation. <i>Blood</i> , 2007, 109, 1442-1450.	0.6	125
18	Targeting c-FLIP in cancer. <i>Cancer Letters</i> , 2013, 332, 141-150.	3.2	118

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19	Chemotherapy enhances TNF-related apoptosis-inducing ligand DISC assembly in HT29 human colon cancer cells. <i>Oncogene</i> , 2003, 22, 1807-1816.	2.6	117
20	Bcl-rambo, a Novel Bcl-2 Homologue That Induces Apoptosis via Its Unique C-terminal Extension. <i>Journal of Biological Chemistry</i> , 2001, 276, 19548-19554.	1.6	114
21	Fist/Hipk3. <i>Journal of Experimental Medicine</i> , 2000, 192, 1165-1174.	4.2	108
22	Multivalent DR5 Peptides Activate the TRAIL Death Pathway and Exert Tumorcidal Activity. <i>Cancer Research</i> , 2010, 70, 1101-1110.	0.4	95
23	Inhibition of HSP27 blocks fibrosis development and EMT features by promoting Snail degradation. <i>FASEB Journal</i> , 2013, 27, 1549-1560.	0.2	95
24	Cellular FLICE-inhibitory protein: an attractive therapeutic target?. <i>Expert Opinion on Therapeutic Targets</i> , 2003, 7, 559-573.	1.5	93
25	Cancer cell sensitization to Fas-mediated apoptosis by sodium butyrate. <i>Cell Death and Differentiation</i> , 1998, 5, 480-487.	5.0	88
26	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.	1.7	79
27	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, 6012-6022.	2.6	78
28	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.	2.6	77
29	CD40 Ligand Protects from TRAIL-Induced Apoptosis in Follicular Lymphomas through NF- κ B Activation and Up-Regulation of c-FLIP and Bcl-xL. <i>Journal of Immunology</i> , 2008, 181, 1001-1011.	0.4	75
30	Chemotherapy overcomes TRAIL-R4-mediated TRAIL resistance at the DISC level. <i>Cell Death and Differentiation</i> , 2011, 18, 700-711.	5.0	75
31	N-glycosylation of mouse TRAIL-R and human TRAIL-R1 enhances TRAIL-induced death. <i>Cell Death and Differentiation</i> , 2017, 24, 500-510.	5.0	75
32	Arsenic Trioxide Induces Apoptosis of Human Monocytes during Macrophagic Differentiation through Nuclear Factor- κ B-Related Survival Pathway Down-Regulation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 304-314.	1.3	68
33	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.	0.8	68
34	Intracellular Localization of Keratinocyte Fas Ligand Explains Lack of Cytolytic Activity under Physiological Conditions. <i>Journal of Biological Chemistry</i> , 2003, 278, 16183-16188.	1.6	66
35	Nanovectorization of TRAIL with Single Wall Carbon Nanotubes Enhances Tumor Cell Killing. <i>Nano Letters</i> , 2015, 15, 891-895.	4.5	66
36	E2F1 induces apoptosis and sensitizes human lung adenocarcinoma cells to death-receptor-mediated apoptosis through specific downregulation of c-FLIPshort. <i>Cell Death and Differentiation</i> , 2006, 13, 260-272.	5.0	64

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37	TRAIL Induces Receptor-Interacting Protein 1-Dependent and Caspase-Dependent Necrosis-Like Cell Death under Acidic Extracellular Conditions. <i>Cancer Research</i> , 2007, 67, 218-226.	0.4	62
38	STAT-1-Independent Upregulation of FADD and Procaspace-3 and -8 in Cancer Cells Treated with Cytotoxic Drugs. <i>Biochemical and Biophysical Research Communications</i> , 1999, 256, 603-607.	1.0	61
39	Peroxynitrite-Dependent Killing of Cancer Cells and Presentation of Released Tumor Antigens by Activated Dendritic Cells. <i>Journal of Immunology</i> , 2010, 184, 1876-1884.	0.4	58
40	TRAIL-R4 Promotes Tumor Growth and Resistance to Apoptosis in Cervical Carcinoma HeLa Cells through AKT. <i>PLoS ONE</i> , 2011, 6, e19679.	1.1	57
41	Regulating TRAIL Receptor-Induced Cell Death at the Membrane: A Deadly Discussion. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2011, 6, 311-323.	0.8	57
42	The multifaceted role of TRAIL signaling in cancer and immunity. <i>FEBS Journal</i> , 2021, 288, 5530-5554.	2.2	56
43	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, 3115-3130.	2.4	54
44	Regulation of TNF-Related Apoptosis-Inducing Ligand Signaling by Glycosylation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 715.	1.8	52
45	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, 3633-3641.	0.6	51
46	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, 1468-1474.	2.6	51
47	Antibodies and Derivatives Targeting DR4 and DR5 for Cancer Therapy. <i>Antibodies</i> , 2017, 6, 16.	1.2	51
48	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.	0.4	43
49	Differential Mechanisms of Conjunctival Cell Death Induction by Ultraviolet Irradiation and Benzalkonium Chloride. , 2006, 47, 4221.		42
50	Hyperthermia restores apoptosis induced by death receptors through aggregation-induced c-FLIP cytosolic depletion. <i>Cell Death and Disease</i> , 2015, 6, e1633-e1633.	2.7	40
51	p53-Mediated upregulation of DcR1 impairs oxaliplatin/TRAIL-induced synergistic anti-tumour potential in colon cancer cells. <i>Oncogene</i> , 2008, 27, 4161-4171.	2.6	37
52	TRAIL-NP hybrids for cancer therapy: a review. <i>Nanoscale</i> , 2017, 9, 5755-5768.	2.8	37
53	Contribution of the cyclin-dependent kinase inhibitor p27KIP1 to the confluence-dependent resistance of HT29 human colon carcinoma cells. , 1998, 77, 796-802.		35
54	Epigenetic Regulation of TRAIL Signaling: Implication for Cancer Therapy. <i>Cancers</i> , 2019, 11, 850.	1.7	31

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55	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, 1813-1825.	2.2	30
56	Neutral Sphingomyelinase 2 Heightens Anti-Melanoma Immune Responses and Anti-PD-1 Therapy Efficacy. <i>Cancer Immunology Research</i> , 2021, 9, 568-582.	1.6	30
57	Ectopic expression of the serine protease inhibitor PI9 modulates death receptor-mediated apoptosis. <i>Cell Death and Differentiation</i> , 2007, 14, 1486-1496.	5.0	28
58	Oxaliplatin Sensitizes Human Colon Cancer Cells to TRAIL Through JNK-Dependent Phosphorylation of Bcl-xL. <i>Gastroenterology</i> , 2011, 141, 663-673.	0.6	28
59	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, 324-336.	2.2	26
60	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.	5.0	25
61	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, 115-124.	5.0	24
62	Molecular crosstalk between TRAIL and natural antioxidants in the treatment of cancer. <i>British Journal of Pharmacology</i> , 2009, 157, 1186-1188.	2.7	23
63	Release of c-FLIP brake selectively sensitizes human cancer cells to TLR3-mediated apoptosis. <i>Cell Death and Disease</i> , 2018, 9, 874.	2.7	22
64	Marine Drugs Regulating Apoptosis Induced by Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand (TRAIL). <i>Marine Drugs</i> , 2015, 13, 6884-6909.	2.2	21
65	Equine Herpesvirus Protein E10 Induces Membrane Recruitment and Phosphorylation of Its Cellular Homologue, Bcl-10. <i>Journal of Cell Biology</i> , 2001, 152, 1115-1122.	2.3	19
66	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-e1016.	2.7	19
67	Marine Actinomycetes-Derived Secondary Metabolites Overcome TRAIL-Resistance via the Intrinsic Pathway through Downregulation of Survivin and XIAP. <i>Cells</i> , 2020, 9, 1760.	1.8	17
68	Sphingolipids modulate the epithelial-mesenchymal transition in cancer. <i>Cell Death Discovery</i> , 2015, 1, 15001.	2.0	16
69	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, 670-680.	3.6	16
70	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.	1.1	15
71	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.	3.2	15
72	Marine actinomycete crude extracts with potent TRAIL-resistance overcoming activity against breast cancer cells. <i>Oncology Reports</i> , 2017, 37, 3635-3642.	1.2	14

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73	TRAIL acts synergistically with iron oxide nanocluster-mediated magneto- and photothermia. <i>Theranostics</i> , 2019, 9, 5924-5936.	4.6	14
74	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.	0.6	13
75	Controlling TRAIL-mediated caspase-3 activation. <i>Leukemia</i> , 2004, 18, 1578-1580.	3.3	10
76	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.	1.1	10
77	Deglycosylated bleomycin induces apoptosis in lymphoma cell via c-jun NH2-terminal kinase but not reactive oxygen species. <i>Biochemical Pharmacology</i> , 2007, 74, 1445-1455.	2.0	9
78	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.	0.8	8
79	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, 2124-2126.	2.7	7
80	Dual Role of TLR3 in Inflammation and Cancer Cell Apoptosis. , 0, , .		7
81	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.	3.6	7
82	Relationship between the agonist activity of synthetic ligands of TRAIL-R2 and their cell surface binding modes. <i>Oncotarget</i> , 2018, 9, 15566-15578.	0.8	7
83	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, 317-9.	0.8	7
84	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.	1.2	6
85	TRAIL, Fas Ligand, TNF and TLR3 in Cancer. <i>Resistance To Targeted Anti-cancer Therapeutics</i> , 2017, , .	0.1	5
86	P27KIP1 overexpression inhibits the growth and doxorubicin sensitivity of HT29 human colon cancer cells in vivo. <i>Anticancer Research</i> , 2000, 20, 849-52.	0.5	5
87	TRAIL Triggers CRAC-Dependent Calcium Influx and Apoptosis through the Recruitment of Autophagy Proteins to Death-Inducing Signaling Complex. <i>Cells</i> , 2022, 11, 57.	1.8	5
88	Generation and characterization of novel anti-DR4 and anti-DR5 antibodies developed by genetic immunization. <i>Cell Death and Disease</i> , 2019, 10, 101.	2.7	4
89	Editorial: TNFR Superfamily Oligomerization and Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 682472.	1.8	4
90	Pharmacological Investigation of CC-LAAO, an L-Amino Acid Oxidase from <i>Cerastes cerastes</i> Snake Venom. <i>Toxins</i> , 2021, 13, 904.	1.5	4

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91	Cellular FLICE-inhibitory Protein: An Update. , 0, , 120-156.		3
92	Immunoprecipitation of Death Inducing Signaling Complex by Caspase-8. Methods in Molecular Biology, 2017, 1557, 19-31.	0.4	3
93	Grafting TRAIL through Either Amino or Carboxylic Groups onto Maghemite Nanoparticles: Influence on Pro-Apoptotic Efficiency. Nanomaterials, 2021, 11, 502.	1.9	3
94	Overexpression of Helicard, a CARD-Containing Helicase Cleaved during Apoptosis, Accelerates DNA Degradation. Current Biology, 2002, 12, 1633.	1.8	2
95	Keeping Cell Death Alive: An Introduction into the French Cell Death Research Network. Biomolecules, 2022, 12, 901.	1.8	2
96	Corrigendum to: Carma1, a CARD-containing binding partner of Bcl10, induces Bcl10 phosphorylation and NF- κ B activation (FEBS 24842). FEBS Letters, 2001, 505, 198-198.	1.3	1
97	Posttranslational Modifications and Death Receptor Signalling. Resistance To Targeted Anti-cancer Therapeutics, 2017, , 247-290.	0.1	1
98	Cellular FLICE-inhibitory protein: an attractive therapeutic target?. Expert Opinion on Therapeutic Targets, 2003, 7, 559-573.	1.5	1
99	Chemotherapy with ceramide in TNBC. Oncoscience, 2015, 2, 817-818.	0.9	1
100	Evidence that BJcuL, a C-type lectin from Bothrops jararacussu venom, influences deubiquitinase activity, resulting in the accumulation of anti-apoptotic proteins in two colorectal cancer cell lines. International Journal of Biological Macromolecules, 2022, 209, 1205-1210.	3.6	1
101	FLIP. , 2017, , 881-891.		0
102	Fas est impliquÃ© dans l'apoptose induite par les agents anti-cancÃ©reux indÃ©pendamment de toute interaction avec son ligand.. Medecine/Sciences, 1999, 15, 895.	0.0	0
103	TRAIL Receptor-Induced Cell Death Regulation: An Update to Our Deadly Discussion. , 2014, , 3-36.		0
104	FLIP. , 2015, , 1-11.		0
105	Abstract 3723: Regulation of TRAIL-induced apoptotic signaling by the autophagy receptor p62 in acute promyelocytic leukemia cells. , 2016, , .		0