

Arnaud Jacquel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/30089/publications.pdf>

Version: 2024-02-01

80
papers

3,827
citations

117625

34
h-index

128289

60
g-index

84
all docs

84
docs citations

84
times ranked

8853
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorylation of Bim-EL by Erk1/2 on serine 69 promotes its degradation via the proteasome pathway and regulates its proapoptotic function. <i>Oncogene</i> , 2003, 22, 6785-6793.	5.9	423
2	Inhibiting glutamine uptake represents an attractive new strategy for treating acute myeloid leukemia. <i>Blood</i> , 2013, 122, 3521-3532.	1.4	240
3	Cleavage of Mcl-1 by caspases impaired its ability to counteract Bim-induced apoptosis. <i>Oncogene</i> , 2004, 23, 7863-7873.	5.9	157
4	IL-34 and CSF-1 display an equivalent macrophage differentiation ability but a different polarization potential. <i>Scientific Reports</i> , 2018, 8, 256.	3.3	149
5	Autophagy is required for CSF-1-induced macrophagic differentiation and acquisition of phagocytic functions. <i>Blood</i> , 2012, 119, 4527-4531.	1.4	123
6	Leukemic cell xenograft in zebrafish embryo for investigating drug efficacy. <i>Haematologica</i> , 2011, 96, 612-616.	3.5	106
7	Imatinib induces mitochondria-dependent apoptosis of the Bcr-Abl-positive K562 cell line and its differentiation toward the erythroid lineage 1. <i>FASEB Journal</i> , 2003, 17, 2160-2162.	0.5	105
8	RhoA GTPase inactivation by statins induces osteosarcoma cell apoptosis by inhibiting p42/p44-MAPKs-Bcl-2 signaling independently of BMP-2 and cell differentiation. <i>Cell Death and Differentiation</i> , 2006, 13, 1845-1856.	11.2	104
9	Mechanisms of AXL overexpression and function in Imatinib-resistant chronic myeloid leukemia cells. <i>Oncotarget</i> , 2011, 2, 874-885.	1.8	99
10	Innate lymphocyte-induced CXCR3B-mediated melanocyte apoptosis is a potential initiator of T-cell autoreactivity in vitiligo. <i>Nature Communications</i> , 2019, 10, 2178.	12.8	94
11	Autophagy is an important event for megakaryocytic differentiation of the chronic myelogenous leukemia K562 cell line. <i>Autophagy</i> , 2009, 5, 1092-1098.	9.1	92
12	DNA Damage and the Activation of the p53 Pathway Mediate Alterations in Metabolic and Secretory Functions of Adipocytes. <i>Diabetes</i> , 2016, 65, 3062-3074.	0.6	92
13	Endocytosis of Resveratrol via Lipid Rafts and Activation of Downstream Signaling Pathways in Cancer Cells. <i>Cancer Prevention Research</i> , 2011, 4, 1095-1106.	1.5	86
14	The PRKAA1/AMPK±1 pathway triggers autophagy during CSF1-induced human monocyte differentiation and is a potential target in CMML. <i>Autophagy</i> , 2015, 11, 1114-1129.	9.1	86
15	Imatinib mesylate (STI571) decreases the vascular endothelial growth factor plasma concentration in patients with chronic myeloid leukemia. <i>Blood</i> , 2004, 104, 495-501.	1.4	82
16	p44 Mitogen-Activated Protein Kinase (Extracellular Signal-Regulated Kinase 1)-Dependent Signaling Contributes to Epithelial Skin Carcinogenesis. <i>Cancer Research</i> , 2006, 66, 2700-2707.	0.9	76
17	BCL2L10 is a predictive factor for resistance to Azacitidine in MDS and AML patients. <i>Oncotarget</i> , 2012, 3, 490-501.	1.8	75
18	A survey of the signaling pathways involved in megakaryocytic differentiation of the human K562 leukemia cell line by molecular and c-DNA array analysis. <i>Oncogene</i> , 2006, 25, 781-794.	5.9	74

#	ARTICLE	IF	CITATIONS
19	Pim kinases modulate resistance to FLT3 tyrosine kinase inhibitors in FLT3-ITD acute myeloid leukemia. <i>Science Advances</i> , 2015, 1, e1500221.	10.3	73
20	Proteolytic regulation of Forkhead transcription factor FOXO3a by caspase-3-like proteases. <i>Oncogene</i> , 2003, 22, 4557-4568.	5.9	72
21	Gene expression profiling of imatinib and PD166326-resistant CML cell lines identifies Fyn as a gene associated with resistance to BCR-ABL inhibitors. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 1924-1933.	4.1	71
22	Imatinib mesylate-resistant human chronic myelogenous leukemia cell lines exhibit high sensitivity to the phytoalexin resveratrol. <i>FASEB Journal</i> , 2008, 22, 1894-1904.	0.5	59
23	Persistent Activation of the Fyn/ERK Kinase Signaling Axis Mediates Imatinib Resistance in Chronic Myelogenous Leukemia Cells through Upregulation of Intracellular SPARC. <i>Cancer Research</i> , 2010, 70, 9659-9670.	0.9	56
24	Imatinib induces mitochondria-dependent apoptosis of the Bcr-Abl-positive K562 cell line and its differentiation toward the erythroid lineage. <i>FASEB Journal</i> , 2003, 17, 2160-2162.	0.5	55
25	CD271 is an imperfect marker for melanoma initiating cells. <i>Oncotarget</i> , 2014, 5, 5272-5283.	1.8	52
26	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.	1.4	51
27	<i>Escherichia coli</i> α -Hemolysin Counteracts the Anti-Virulence Innate Immune Response Triggered by the Rho GTPase Activating Toxin CNF1 during Bacteremia. <i>PLoS Pathogens</i> , 2015, 11, e1004732.	4.7	51
28	Crosstalk between leukemia-associated proteins MOZ and MLL regulates HOX gene expression in human cord blood CD34+ cells. <i>Oncogene</i> , 2010, 29, 5019-5031.	5.9	48
29	<i>Escherichia coli</i> Rho GTPase-activating toxin CNF1 mediates NLRP3 inflammasome activation via p21-activated kinases-1/2 during bacteraemia in mice. <i>Nature Microbiology</i> , 2021, 6, 401-412.	13.3	46
30	Apoptosis and erythroid differentiation triggered by Bcr-Abl inhibitors in CML cell lines are fully distinguishable processes that exhibit different sensitivity to caspase inhibition. <i>Oncogene</i> , 2007, 26, 2445-2458.	5.9	45
31	Interaction of heat-shock protein 90 α 2 isoform (HSP90 α 2) with cellular inhibitor of apoptosis 1 (c-IAP1) is required for cell differentiation. <i>Cell Death and Differentiation</i> , 2008, 15, 859-866.	11.2	45
32	The anti-apoptotic Bcl-2 protein inhibits BECN1-dependent autophagic cell death. <i>Autophagy</i> , 2012, 8, 637-649.	9.1	45
33	Alpha-defensins secreted by dysplastic granulocytes inhibit the differentiation of monocytes in chronic myelomonocytic leukemia. <i>Blood</i> , 2010, 115, 78-88.	1.4	44
34	The small heat shock protein B8 (HSPB8) confers resistance to bortezomib by promoting autophagic removal of misfolded proteins in multiple myeloma cells. <i>Oncotarget</i> , 2014, 5, 6252-6266.	1.8	43
35	Fine-tuning nucleophosmin in macrophage differentiation and activation. <i>Blood</i> , 2011, 118, 4694-4704.	1.4	39
36	Proper macrophagic differentiation requires both autophagy and caspase activation. <i>Autophagy</i> , 2012, 8, 1141-1143.	9.1	38

#	ARTICLE	IF	CITATIONS
37	Heterogeneous NLRP3 inflammasome signature in circulating myeloid cells as a biomarker of COVID-19 severity. <i>Blood Advances</i> , 2021, 5, 1523-1534.	5.2	36
38	Imatinib triggers mesenchymal-like conversion of CML cells associated with increased aggressiveness. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 207-220.	3.3	32
39	All tyrosine kinase inhibitor-resistant chronic myelogenous cells are highly sensitive to Ponatinib. <i>Oncotarget</i> , 2012, 3, 1557-1565.	1.8	30
40	Dual regulation of SPI1/PU.1 transcription factor by heat shock factor 1 (HSF1) during macrophage differentiation of monocytes. <i>Leukemia</i> , 2014, 28, 1676-1686.	7.2	30
41	Mechanism of action of the multikinase inhibitor Foretinib. <i>Cell Cycle</i> , 2011, 10, 4138-4148.	2.6	28
42	A role for caspases in the differentiation of erythroid cells and macrophages. <i>Biochimie</i> , 2008, 90, 416-422.	2.6	27
43	Modulation of Caspase-Independent Cell Death Leads to Resensitization of Imatinib Mesylate-Resistant Cells. <i>Cancer Research</i> , 2009, 69, 3013-3020.	0.9	27
44	CXCL7 is a predictive marker of sunitinib efficacy in clear cell renal cell carcinomas. <i>British Journal of Cancer</i> , 2017, 117, 947-953.	6.4	27
45	Rab4b Deficiency in T Cells Promotes Adipose Treg/Th17 Imbalance, Adipose Tissue Dysfunction, and Insulin Resistance. <i>Cell Reports</i> , 2018, 25, 3329-3341.e5.	6.4	27
46	Implication and Regulation of AMPK during Physiological and Pathological Myeloid Differentiation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2991.	4.1	26
47	BCL-B (BCL2L10) is overexpressed in patients suffering from multiple myeloma (MM) and drives an MM-like disease in transgenic mice. <i>Journal of Experimental Medicine</i> , 2016, 213, 1705-1722.	8.5	24
48	Inhibition of imatinib-mediated apoptosis by the caspase-cleaved form of the tyrosine kinase Lyn in chronic myelogenous leukemia cells. <i>Leukemia</i> , 2009, 23, 1500-1506.	7.2	23
49	RSK2 is a new Pim2 target with pro-survival functions in FLT3-ITD-positive acute myeloid leukemia. <i>Leukemia</i> , 2018, 32, 597-605.	7.2	22
50	AMPK-PERK axis represses oxidative metabolism and enhances apoptotic priming of mitochondria in acute myeloid leukemia. <i>Cell Reports</i> , 2022, 38, 110197.	6.4	22
51	Chaperone-Mediated Autophagy and Its Emerging Role in Hematological Malignancies. <i>Cells</i> , 2019, 8, 1260.	4.1	21
52	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. <i>FASEB Journal</i> , 2003, 17, 711-713.	0.5	20
53	The caspase 6 derived N-terminal fragment of DJ-1 promotes apoptosis via increased ROS production. <i>Cell Death and Differentiation</i> , 2012, 19, 1769-1778.	11.2	19
54	ABCA1 Exerts Tumor-Suppressor Function in Myeloproliferative Neoplasms. <i>Cell Reports</i> , 2020, 30, 3397-3410.e5.	6.4	18

#	ARTICLE	IF	CITATIONS
55	Phenotypic and genotypic characterization of azacitidine-sensitive and resistant SKM1 myeloid cell lines. <i>Oncotarget</i> , 2014, 5, 4384-4391.	1.8	17
56	Caspase 1/11 Deficiency or Pharmacological Inhibition Mitigates Psoriasis-Like Phenotype in Mice. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1306-1317.	0.7	16
57	Role of ZNF224 in c-Myc repression and imatinib responsiveness in chronic myeloid leukemia. <i>Oncotarget</i> , 2018, 9, 3417-3431.	1.8	14
58	Differentiation inducing factor 3 mediates its anti-leukemic effect through ROS-dependent DRP1-mediated mitochondrial fission and induction of caspase-independent cell death. <i>Oncotarget</i> , 2016, 7, 26120-26136.	1.8	14
59	ITGBL1 is a new immunomodulator that favors development of melanoma tumors by inhibiting natural killer cells cytotoxicity. <i>Molecular Cancer</i> , 2021, 20, 12.	19.2	12
60	Simalikalactone E (SkE), a new weapon in the armamentarium of drugs targeting cancers that exhibit constitutive activation of the ERK pathway. <i>Oncotarget</i> , 2012, 3, 1688-1699.	1.8	11
61	Dual Covalent Inhibition of PKM and IMPDH Targets Metabolism in Cutaneous Metastatic Melanoma. <i>Cancer Research</i> , 2021, 81, 3806-3821.	0.9	9
62	The oncogenic tyrosine kinase Lyn impairs the pro-apoptotic function of Bim. <i>Oncogene</i> , 2018, 37, 2122-2136.	5.9	8
63	Acadesine Circumvents Azacitidine Resistance in Myelodysplastic Syndrome and Acute Myeloid Leukemia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 164.	4.1	8
64	Ponatinib circumvents all types of imatinib resistance in chronic myelogenous leukemia cell lines. <i>Cell Cycle</i> , 2013, 12, 1645-1646.	2.6	7
65	Various functions of caspases in hematopoiesis. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 2358.	3.0	6
66	A new posttranslational regulation of REDD1/DDIT4 through cleavage by caspase 3 modifies its cellular function. <i>Cell Death and Disease</i> , 2014, 5, e1349-e1349.	6.3	5
67	Conditional Gene Targeting Reveals Cell Type-Specific Roles of the Lysosomal Protease Cathepsin L in Mammary Tumor Progression. <i>Cancers</i> , 2020, 12, 2004.	3.7	5
68	Severe Thymic Atrophy in a Mouse Model of Skin Inflammation Accounts for Impaired TNFR1 Signaling. <i>PLoS ONE</i> , 2012, 7, e47321.	2.5	5
69	How Recent Advances in High-risk Myelodysplastic Syndrome Physiopathology May Impact Future Treatments. <i>Current Pharmaceutical Design</i> , 2013, 19, 5362-5373.	1.9	3
70	Reprogramming monocyte-derived macrophages through caspase inhibition. <i>Oncolmmunology</i> , 2022, 11, 2015859.	4.6	3
71	cIAPs and XIAP reduce RIPKs to silence. <i>Blood</i> , 2014, 123, 2445-2446.	1.4	2
72	ATP-competitive Plk1 inhibitors induce caspase 3-mediated Plk1 cleavage and activation in hematopoietic cell lines. <i>Oncotarget</i> , 2018, 9, 10920-10933.	1.8	2

#	ARTICLE	IF	CITATIONS
73	A Caspase-7/NOX2 Axis Regulates the Migration of Monocytes in Response to Colony-Stimulating Factor-1. SSRN Electronic Journal, 0, , .	0.4	1
74	PKR-like Endoplasmic Reticulum Kinase Mediates Apoptosis Induced By Pharmacological AMP-Activated Protein Kinase Activation in Acute Myeloid Leukemia. Blood, 2019, 134, 2552-2552.	1.4	1
75	Autophagy and blood diseases. Hematologie, 2015, 21, 107-116.	0.0	0
76	The Histone Acetyl-Transferase MOZ Cooperates with the Histone Methyl-Transferase MLL to Regulate HOX Gene Expression in Human Hematopoietic Stem Cells. Blood, 2008, 112, 2431-2431.	1.4	0
77	PIM2 Pro-Survival Functions Are Mediated By RSK2 in AML. Blood, 2014, 124, 912-912.	1.4	0
78	The P2Y6-AMPK Pathway Triggers Autophagy during CSF-1-Induced Human Monocyte Differentiation and Is a Potential Target in CMML. Blood, 2014, 124, 4347-4347.	1.4	0
79	Involvement of autophagy in cellular development and differentiation. Hematologie, 2015, 21, 212-220.	0.0	0
80	Implication of the Anti-Apoptotic Protein Bcl-B (BCL2L10) in the Pathogenesis of Multiple Myeloma. Blood, 2015, 126, 2958-2958.	1.4	0