

# Silvano Capitani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8519737/publications.pdf>

Version: 2024-02-01

146  
papers

5,544  
citations

66234

42  
h-index

106150

65  
g-index

146  
all docs

146  
docs citations

146  
times ranked

5993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrazolotriazolopyrimidine derivatives sensitize melanoma cells to the chemotherapeutic drugs: taxol and vindesine. <i>Biochemical Pharmacology</i> , 2003, 66, 739-748.	2.0	281
2	Targeting PI3K/AKT/mTOR network for treatment of leukemia. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2337-2347.	2.4	199
3	The nuclear phosphoinositide 3-kinase/AKT pathway: a new second messenger system. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002, 1584, 73-80.	1.2	162
4	In Vitro Senescence and Apoptotic Cell Death of Human Megakaryocytes. <i>Blood</i> , 1997, 90, 2234-2243.	0.6	133
5	An Increased Osteoprotegerin Serum Release Characterizes the Early Onset of Diabetes Mellitus and May Contribute to Endothelial Cell Dysfunction. <i>American Journal of Pathology</i> , 2006, 169, 2236-2244.	1.9	129
6	Antiangiogenic Activity of the MDM2 Antagonist Nutlin-3. <i>Circulation Research</i> , 2007, 100, 61-69.	2.0	124
7	Immunochemical characterization of protein kinase C in rat liver nuclei and subnuclear fractions. <i>Biochemical and Biophysical Research Communications</i> , 1987, 142, 367-375.	1.0	105
8	Increase in nuclear phosphatidylinositol 3-kinase activity and phosphatidylinositol (3,4,5) trisphosphate synthesis precede PKC $\alpha$ translocation to the nucleus of NGF-treated PC12 cells. <i>FASEB Journal</i> , 1999, 13, 2299-2310.	0.2	103
9	Nuclear Diacylglycerol Produced by Phosphoinositide-specific Phospholipase C Is Responsible for Nuclear Translocation of Protein Kinase C $\delta$ . <i>Journal of Biological Chemistry</i> , 1998, 273, 29738-29744.	1.6	100
10	Translocation of Akt/PKB to the nucleus of osteoblast-like MC3T3-E1 cells exposed to proliferative growth factors. <i>FEBS Letters</i> , 2000, 477, 27-32.	1.3	98
11	Multiple biological responses activated by nuclear protein kinase C. <i>Journal of Cellular Biochemistry</i> , 1999, 74, 499-521.	1.2	95
12	Evidence for a Role of TNF-Related Apoptosis-Inducing Ligand (TRAIL) in the Anemia of Myelodysplastic Syndromes. <i>American Journal of Pathology</i> , 2005, 166, 557-563.	1.9	89
13	Extracellular HIV-1 Tat protein activates phosphatidylinositol 3- and Akt/PKB kinases in CD4+ T lymphoblastoid Jurkat cells. <i>European Journal of Immunology</i> , 1997, 27, 2805-2811.	1.6	78
14	HIV-1 Tat-mediated Inhibition of the Tyrosine Hydroxylase Gene Expression in Dopaminergic Neuronal Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 4159-4165.	1.6	77
15	Recombinant human immunodeficiency virus type-1 (HIV-1) Tat protein sequentially up-regulates IL-6 and TGF $\beta$ 1 mRNA expression and protein synthesis in peripheral blood monocytes. <i>British Journal of Haematology</i> , 1994, 88, 261-267.	1.2	76
16	CD133 in Breast Cancer Cells: More than a Stem Cell Marker. <i>Journal of Oncology</i> , 2019, 2019, 1-8.	0.6	76
17	Impact of physical exercise in cancer survivors during and after antineoplastic treatments. <i>Oncotarget</i> , 2018, 9, 14005-14034.	0.8	71
18	Thrombopoietin Enhances the $\alpha$ IIb $\beta$ 3-Dependent Adhesion of Megakaryocytic Cells to Fibrinogen or Fibronectin Through PI 3 Kinase. <i>Blood</i> , 1997, 89, 883-895.	0.6	70

#	ARTICLE	IF	CITATIONS
19	Low Folate Levels and Thermolabile Methylenetetrahydrofolate Reductase as Primary Determinant of Mild Hyperhomocystinemia in Normal and Thromboembolic Subjects. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 1761-1767.	1.1	70
20	Activation of the nitric oxide synthase pathway represents a key component of tumor necrosis factor- $\alpha$ -related apoptosis-inducing ligand-mediated cytotoxicity on hematologic malignancies. <i>Blood</i> , 2001, 98, 2220-2228.	0.6	69
21	Tumour necrosis factor-related apoptosis-inducing ligand sequentially activates pro-survival and pro-apoptotic pathways in SK-N-MC neuronal cells. <i>Journal of Neurochemistry</i> , 2004, 86, 126-135.	2.1	67
22	Low Nanogram Range Quantitation of Diglycerides and Ceramide by High-Performance Liquid Chromatography. <i>Analytical Biochemistry</i> , 1996, 233, 108-114.	1.1	66
23	Extracellular Human Immunodeficiency Virus Type-1 Tat Protein Activates Phosphatidylinositol 3-Kinase in PC12 Neuronal Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 22961-22964.	1.6	65
24	Phospholipase C- $\beta$ 2 promotes mitosis and migration of human breast cancer-derived cells. <i>Carcinogenesis</i> , 2007, 28, 1638-1645.	1.3	62
25	Nuclear translocation of protein kinase C- $\alpha$ and - $\zeta$ isoforms in HL-60 cells induced to differentiate along the granulocytic lineage by all-trans retinoic acid. <i>British Journal of Haematology</i> , 1996, 93, 542-550.	1.2	61
26	Threonine 308 phosphorylated form of akt translocates to the nucleus of PC12 cells under nerve growth factor stimulation and associates with the nuclear matrix protein nucleolin. <i>Journal of Cellular Physiology</i> , 2003, 196, 79-88.	2.0	61
27	Discrete subcellular localization of phosphoinositidase C $\beta$ 2, $\beta$ 3 and $\beta$ 1 in PC12 rat pheochromocytoma cells. <i>Biochemical and Biophysical Research Communications</i> , 1992, 187, 114-120.	1.0	60
28	Activity of the novel mTOR inhibitor Torin-2 in B-precursor acute lymphoblastic leukemia and its therapeutic potential to prevent Akt reactivation. <i>Oncotarget</i> , 2014, 5, 10034-10047.	0.8	60
29	Changes of Nuclear Protein Kinase C Activity and Isotype Composition in PC12 Cell Proliferation and Differentiation. <i>Experimental Cell Research</i> , 1996, 224, 72-78.	1.2	59
30	Role of chromatin phospholipids on template availability and ultrastructure of isolated nuclei. <i>Advances in Enzyme Regulation</i> , 1982, 20, 247-262.	2.9	57
31	Phosphatidylinositol 3-Kinase in HL-60 Nuclei Is Bound to the Nuclear Matrix and Increases During Granulocytic Differentiation. <i>Biochemical and Biophysical Research Communications</i> , 1998, 253, 346-351.	1.0	57
32	Impaired survival of bone marrow GPIIb/IIIa + megakaryocytic cells as an additional pathogenetic mechanism of HIV-1-related thrombocytopenia. <i>British Journal of Haematology</i> , 1996, 92, 711-717.	1.2	53
33	Cardiovascular disease-related miRNAs expression: potential role as biomarkers and effects of training exercise. <i>Oncotarget</i> , 2018, 9, 17238-17254.	0.8	51
34	Tat-expressing Jurkat cells show an increased resistance to different apoptotic stimuli, including acute human immunodeficiency virus-type 1 (HIV -1) infection. <i>British Journal of Haematology</i> , 1995, 89, 24-33.	1.2	50
35	Extracellular HIV-1 Tat protein differentially activates the JNK and ERK/MAPK pathways in CD4 T cells. <i>Aids</i> , 1999, 13, 1637-1645.	1.0	50
36	Uptake and phosphorylation of phosphatidylinositol by rat liver nuclei. Role of phosphatidylinositol transfer protein. <i>Lipids and Lipid Metabolism</i> , 1990, 1044, 193-200.	2.6	49

#	ARTICLE	IF	CITATIONS
37	Lipid phosphorylation in isolated rat liver nuclei Synthesis of polyphosphoinositides at subnuclear level. <i>FEBS Letters</i> , 1989, 254, 194-198.	1.3	48
38	Nuclear association of tyrosine-phosphorylated Vav to phospholipase C- $\beta$ 1 and phosphoinositide 3-kinase during granulocytic differentiation of HL-60 cells. <i>FEBS Letters</i> , 1998, 441, 480-484.	1.3	48
39	The AKT Inhibitor MK-2206 is Cytotoxic in Hepatocarcinoma Cells Displaying Hyperphosphorylated AKT-1 and Synergizes with Conventional Chemotherapy. <i>Oncotarget</i> , 2013, 4, 1496-1506.	0.8	47
40	Identification of PI-PLC $\beta$ 1, $\beta$ 3, and $\beta$ 1 in rat liver: Subcellular distribution and relationship to inositol lipid nuclear signalling. <i>Cellular Signalling</i> , 1995, 7, 669-678.	1.7	46
41	Proliferating or Differentiating Stimuli Act on Different Lipid-dependent Signaling Pathways in Nuclei of Human Leukemia Cells. <i>Molecular Biology of the Cell</i> , 2002, 13, 947-964.	0.9	46
42	Lineage-Restricted Expression of Protein Kinase C Isoforms in Hematopoiesis. <i>Blood</i> , 1999, 93, 1178-1188.	0.6	44
43	Accelerated Functional Maturation of Isolated Neonatal Porcine Cell Clusters: In Vitro and In Vivo Results in NOD Mice. <i>Cell Transplantation</i> , 2005, 14, 249-261.	1.2	43
44	Reduced responsiveness of bone marrow megakaryocyte progenitors to platelet-derived transforming growth factor $\beta$ 1, produced in normal amount, in patients with essential thrombocythaemia. <i>British Journal of Haematology</i> , 1993, 83, 14-20.	1.2	42
45	Intranuclear Translocation of Phospholipase C $\beta$ 2 during HL-60 Myeloid Differentiation. <i>Biochemical and Biophysical Research Communications</i> , 1997, 235, 831-837.	1.0	42
46	Phosphatidylinositol 3-kinase Translocates to the Nucleus of Osteoblast-Like MC3T3-E1 Cells in Response to Insulin-Like Growth Factor I and Platelet-Derived Growth Factor But Not to the Proapoptotic Cytokine Tumor Necrosis Factor $\alpha$ . <i>Journal of Bone and Mineral Research</i> , 2000, 15, 1716-1730.	3.1	42
47	Inhibition of Akt signaling in hepatoma cells induces apoptotic cell death independent of Akt activation status. <i>Investigational New Drugs</i> , 2011, 29, 1303-1313.	1.2	42
48	Influence of physical exercise on microRNAs in skeletal muscle regeneration, aging and diseases. <i>Oncotarget</i> , 2018, 9, 17220-17237.	0.8	42
49	In triple negative breast tumor cells, PLC- $\beta$ 2 promotes the conversion of CD133 <sup>high</sup> to CD133 <sup>low</sup> phenotype and reduces the CD133-related invasiveness. <i>Molecular Cancer</i> , 2013, 12, 165.	7.9	41
50	Chromatin lipids and their possible role in gene expression. A study in normal and neoplastic cells. <i>Advances in Enzyme Regulation</i> , 1979, 17, 175-194.	2.9	40
51	Infection of CD34+ hematopoietic progenitor cells by human herpesvirus 7 (HHV-7). <i>Blood</i> , 2000, 96, 126-131.	0.6	39
52	Changes of Nuclear PI-PLC $\beta$ 1 During Rat Liver Regeneration. <i>Cellular Signalling</i> , 1997, 9, 353-362.	1.7	37
53	HIV-1 Tat protein down-regulates CREB transcription factor expression in PC12 neuronal cells through a phosphatidylinositol 3-kinase/AKT/cyclic nucleoside phosphodiesterase pathway. <i>FASEB Journal</i> , 2001, 15, 483-491.	0.2	37
54	Conformational changes of nuclear chromatin related to phospholipid induced modifications of the template availability. <i>Advances in Enzyme Regulation</i> , 1984, 22, 447-464.	2.9	36

#	ARTICLE	IF	CITATIONS
55	Extracellular HIV-1 Tat Protein Induces a Rapid and Selective Activation of Protein Kinase C (PKC)- $\delta$ , $\zeta$ , and $\eta$ Isoforms in PC12 Cells. <i>Biochemical and Biophysical Research Communications</i> , 1998, 242, 332-337.	1.0	35
56	Expression of signal transduction proteins during the differentiation of primary human erythroblasts. <i>Journal of Cellular Physiology</i> , 2005, 202, 831-838.	2.0	35
57	Involvement of TRAIL/TRAIL-receptors in human intestinal cell differentiation. <i>Journal of Cellular Physiology</i> , 2006, 206, 647-654.	2.0	35
58	Targeting the phosphatidylinositol 3-kinase/Akt/mechanistic target of rapamycin signaling pathway in B-lineage acute lymphoblastic leukemia: An update. <i>Journal of Cellular Physiology</i> , 2018, 233, 6440-6454.	2.0	35
59	PMA-induced megakaryocytic differentiation of HEL cells is accompanied by striking modifications of protein kinase C catalytic activity and isoform composition at the nuclear level. <i>British Journal of Haematology</i> , 1996, 92, 530-536.	1.2	34
60	Improved function of rat islets upon co-microencapsulation with Sertoli's cells in alginate/poly-L-ornithine. <i>AAPS PharmSciTech</i> , 2001, 2, 48-54.	1.5	34
61	Association of PI 3-K with tyrosine phosphorylated Vav is essential for its activity in neutrophil-like maturation of myeloid cells. <i>Cellular Signalling</i> , 2004, 16, 423-433.	1.7	34
62	Cisplatin cytotoxicity in organ of corti-derived immortalized cells. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 1185-1197.	1.2	32
63	Vav1 and PU.1 are recruited to the CD11b promoter in APL-derived promyelocytes: Role of Vav1 in modulating PU.1-containing complexes during ATRA-induced differentiation. <i>Experimental Cell Research</i> , 2010, 316, 38-47.	1.2	32
64	Human herpesvirus 7 induces the functional up-regulation of tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) coupled to TRAIL-R1 down-modulation in CD4+ T cells. <i>Blood</i> , 2001, 98, 2474-2481.	0.6	31
65	Effect of phospholipids on transcription and ribonucleoprotein processing in isolated nuclei. <i>Advances in Enzyme Regulation</i> , 1986, 25, 425-432.	2.9	30
66	All-trans retinoic acid shows multiple effects on the survival, proliferation and differentiation of human fetal CD34 <sup>+</sup> haemopoietic progenitor cells. <i>British Journal of Haematology</i> , 1995, 90, 274-282.	1.2	30
67	Apoptosis in the OC-k3 Immortalized Cell Line Treated with Different Agents: Apoptosis en linea celular OC k3 inmortalizada, tratada con diferentes agentes. <i>International Journal of Audiology</i> , 2001, 40, 327-335.	0.9	30
68	The novel dual PI3K/mTOR inhibitor NVP-BGT226 displays cytotoxic activity in both normoxic and hypoxic hepatocarcinoma cells. <i>Oncotarget</i> , 2015, 6, 17147-17160.	0.8	30
69	Reversal of the glycolytic phenotype of primary effusion lymphoma cells by combined targeting of cellular metabolism and PI3K/Akt/ mTOR signaling. <i>Oncotarget</i> , 2016, 7, 5521-5537.	0.8	30
70	Accumulation of catalytically active PKC- $\eta$ into the nucleus of HL-60 cell line plays a key role in the induction of granulocytic differentiation mediated by all-transretinoic acid. <i>British Journal of Haematology</i> , 1998, 100, 541-549.	1.2	29
71	Human Herpesvirus 7 Infection Induces Profound Cell Cycle Perturbations Coupled to Disregulation of cdc2 and Cyclin B and Polyploidization of CD4+ T Cells. <i>Blood</i> , 1998, 92, 1685-1696.	0.6	29
72	Progressive and Persistent Downregulation of Surface CXCR4 in CD4+ T Cells Infected With Human Herpesvirus 7. <i>Blood</i> , 1998, 92, 4521-4528.	0.6	28

#	ARTICLE	IF	CITATIONS
73	The Induction of Megakaryocyte Differentiation Is Accompanied by Selective Ser133 Phosphorylation of the Transcription Factor CREB in Both HEL Cell Line and Primary CD34+Cells. <i>Blood</i> , 1998, 92, 472-480.	0.6	28
74	HIV-1-Related Mechanisms of Suppression of CD34+ Hematopoietic Progenitors. <i>Pathobiology</i> , 1996, 64, 53-58.	1.9	27
75	Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) and TNF- $\alpha$ promote the NF- $\kappa$ B-dependent maturation of normal and leukemic myeloid cells. <i>Journal of Leukocyte Biology</i> , 2003, 74, 223-232.	1.5	27
76	Cellular Support Systems for Alginate Microcapsules Containing Islets, as Composite Bioartificial Pancreas. <i>Annals of the New York Academy of Sciences</i> , 2001, 944, 240-252.	1.8	27
77	Enhancement of TRAIL cytotoxicity by AG-490 in human ALL cells is characterized by downregulation of cIAP-1 and cIAP-2 through inhibition of Jak2/Stat3. <i>Cell Research</i> , 2009, 19, 1079-1089.	5.7	27
78	High nuclear level of Vav1 is a positive prognostic factor in early invasive breast tumors: a role in modulating genes related to the efficiency of metastatic process. <i>Oncotarget</i> , 2014, 5, 4320-4336.	0.8	27
79	Triple Akt inhibition as a new therapeutic strategy in T-cell acute lymphoblastic leukemia. <i>Oncotarget</i> , 2015, 6, 6597-6610.	0.8	27
80	HIV-1 Tat induces tyrosine phosphorylation of p125FAK and its association with phosphoinositide 3-kinase in PC12 cells. <i>Aids</i> , 1998, 12, 1275-1284.	1.0	26
81	Inositol lipid cycle and autonomous nuclear signalling. <i>Advances in Enzyme Regulation</i> , 1996, 36, 101-114.	2.9	25
82	Engagement of CD28 Modulates CXC Chemokine Receptor 4 Surface Expression in Both Resting and CD3-Stimulated CD4+ T Cells. <i>Journal of Immunology</i> , 2000, 164, 4018-4024.	0.4	25
83	Determination of histamine in the whole blood of colon cancer patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 780, 331-339.	1.2	25
84	RNA expression induced by cisplatin in an organ of Corti-derived immortalized cell line. <i>Hearing Research</i> , 2004, 196, 8-18.	0.9	25
85	Vav promotes differentiation of human tumoral myeloid precursors. <i>Experimental Cell Research</i> , 2005, 306, 56-63.	1.2	25
86	In vitro growth of human fetal CD34+cells in the presence of various combinations of recombinant cytokines under serum-free culture conditions. <i>British Journal of Haematology</i> , 1994, 86, 461-467.	1.2	24
87	Up-modulation of PLC- $\gamma$ 2 reduces the number and malignancy of triple-negative breast tumor cells with a CD133+/EpCAM+ phenotype: a promising target for preventing progression of TNBC. <i>BMC Cancer</i> , 2017, 17, 617.	1.1	24
88	Upregulation of c-Fos in Activated T Lymphoid and Monocytic Cells by Human Immunodeficiency Virus-1 Tat Protein. <i>Blood</i> , 1997, 89, 1654-1664.	0.6	23
89	MDM2 Antagonist Nutlin-3 Suppresses the Proliferation and Differentiation of Human Pre-Osteoclasts Through a p53-Dependent Pathway. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1621-1630.	3.1	22
90	Vav1 Modulates Protein Expression During ATRA-Induced Maturation of APL-Derived Promyelocytes: A Proteomic-Based Analysis. <i>Journal of Proteome Research</i> , 2008, 7, 3729-3736.	1.8	22

#	ARTICLE	IF	CITATIONS
91	Synergistic effects of selective inhibitors targeting the PI3K/AKT/mTOR pathway or NUP214-ABL1 fusion protein in human Acute Lymphoblastic Leukemia. <i>Oncotarget</i> , 2016, 7, 79842-79853.	0.8	22
92	Erythropoietin (EPO)-induced erythroid differentiation of K562 cells is accompanied by the nuclear translocation of phosphatidylinositol 3-kinase and intranuclear generation of phosphatidylinositol (3,4,5) trisphosphate. <i>Cellular Signalling</i> , 2002, 14, 21-29.	1.7	20
93	Gentamicin-Induced Cytotoxicity Involves Protein Kinase C Activation, Glutathione Extrusion and Malondialdehyde Production in an Immortalized Cell Line from the Organ of Corti. <i>Audiology and Neuro-Otology</i> , 2003, 8, 38-48.	0.6	20
94	Nuclear translocation of active AKT is required for erythroid differentiation in erythropoietin treated K562 erythroleukemia cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 570-577.	1.2	20
95	Vav1 in differentiation of tumoral promyelocytes. <i>Cellular Signalling</i> , 2012, 24, 612-620.	1.7	20
96	PLC-beta2 is highly expressed in breast cancer and is associated with a poor outcome: a study on tissue microarrays. <i>International Journal of Oncology</i> , 2006, 28, 863-72.	1.4	20
97	Selective modulation of the cyclin B/CDK1 and cyclin D/CDK4 complexes during in vitro human megakaryocyte development. <i>British Journal of Haematology</i> , 1999, 104, 820-828.	1.2	19
98	Clusterin enhances AKT-mediated motility of normal and cancer prostate cells through a PTEN and PHLPP1 circuit. <i>Journal of Cellular Physiology</i> , 2019, 234, 11188-11199.	2.0	19
99	Inositides in the nucleus: taking stock of PLC $\beta$ 1. <i>Advances in Enzyme Regulation</i> , 1998, 38, 351-363.	2.9	18
100	Flow cytometric analysis of isolated rat liver nuclei during growth. <i>Cytometry</i> , 1987, 8, 595-601.	1.8	17
101	The CD4 receptor plays essential but distinct roles in HIV-1 infection and induction of apoptosis in primary bone marrow GPIIb/IIIa <sup>+</sup> megakaryocytes and the HEL cell line. <i>British Journal of Haematology</i> , 1995, 91, 290-298.	1.2	17
102	Nuclear lipid-dependent signal transduction in human osteosarcoma cells. <i>Advances in Enzyme Regulation</i> , 1997, 37, 351-375.	2.9	17
103	Cisplatin-induced apoptosis in human promyelocytic leukemia cells. <i>International Journal of Molecular Medicine</i> , 2006, 18, 511.	1.8	16
104	Inhibition of Ras-mediated signaling pathways in CML stem cells. <i>Cellular Oncology (Dordrecht)</i> , 2015, 38, 407-418.	2.1	16
105	Exogenous human immunodeficiency virus type-1 Tat protein selectively stimulates a phosphatidylinositol-specific phospholipase C nuclear pathway in the Jurkat T cell line. <i>European Journal of Immunology</i> , 1995, 25, 2695-2700.	1.6	15
106	PI3K isoform inhibition associated with anti Bcr-Abl drugs shows in vitro increased anti-leukemic activity in Philadelphia chromosome-positive B-acute lymphoblastic leukemia cell lines. <i>Oncotarget</i> , 2017, 8, 23213-23227.	0.8	15
107	Vav1 is a crucial molecule in monocytic/macrophagic differentiation of myeloid leukemia-derived cells. <i>Cell and Tissue Research</i> , 2011, 345, 163-175.	1.5	14
108	A network including PU.1, Vav1 and miR-142-3p sustains ATRA-induced differentiation of acute promyelocytic leukemia cells - a short report. <i>Cellular Oncology (Dordrecht)</i> , 2016, 39, 483-489.	2.1	14

#	ARTICLE	IF	CITATIONS
109	In Vitro Senescence and Apoptotic Cell Death of Human Megakaryocytes. <i>Blood</i> , 1997, 90, 2234-2243.	0.6	14
110	Healthy CD4+ T lymphocytes are not affected by targeted therapies against the PI3K/Akt/mTOR pathway in T-cell acute lymphoblastic leukemia. <i>Oncotarget</i> , 2016, 7, 55690-55703.	0.8	14
111	PLC- $\beta$ 2 is highly expressed in breast cancer and is associated with a poor outcome: a study on tissue microarrays. <i>International Journal of Oncology</i> , 2006, 28, 863.	1.4	13
112	hnRNP K in PU.1-containing complexes recruited at the CD11b promoter: a distinct role in modulating granulocytic and monocytic differentiation of AML-derived cells. <i>Biochemical Journal</i> , 2014, 463, 115-122.	1.7	13
113	Immunocytochemical analysis of phosphatidylinositol-specific phospholipase C in PC12 cells: predominance of the $\beta$ isoform during neural differentiation. <i>Histochemistry</i> , 1993, 100, 121-129.	1.9	12
114	Selective modulation of specific protein kinase C (PKC) isoforms in primary human megakaryocytic vs. erythroid cells. , 1999, 255, 7-14.		12
115	Protective role of all-trans retinoic acid (ATRA) against hypoxia-induced malignant potential of non-invasive breast tumor derived cells. <i>BMC Cancer</i> , 2018, 18, 1194.	1.1	12
116	Levels of miR-126 and miR-218 are elevated in ductal carcinoma <i>in situ</i> (DCIS) and inhibit malignant potential of DCIS derived cells. <i>Oncotarget</i> , 2018, 9, 23543-23553.	0.8	12
117	Nuclear proteome analysis reveals a role of Vav1 in modulating RNA processing during maturation of tumoral promyelocytes. <i>Journal of Proteomics</i> , 2011, 75, 398-409.	1.2	11
118	PLC- $\beta$ 2 is modulated by low oxygen availability in breast tumor cells and plays a phenotype dependent role in their hypoxia-related malignant potential. <i>Molecular Carcinogenesis</i> , 2016, 55, 2210-2221.	1.3	11
119	Vav1 is necessary for PU.1 mediated upmodulation of miR-29b in acute myeloid leukaemia-derived cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3149-3158.	1.6	11
120	Selective up-regulation of phospholipase C-beta2 during granulocytic differentiation of normal and leukemic hematopoietic progenitors. <i>Journal of Leukocyte Biology</i> , 2002, 71, 957-65.	1.5	11
121	Increased phosphorylation of nuclear substrates for rat brain protein kinase C in regenerating rat liver nuclei. <i>Cellular Signalling</i> , 1992, 4, 313-319.	1.7	10
122	Nuclear inositol lipid cycle and differentiation. <i>Advances in Enzyme Regulation</i> , 1995, 35, 23-33.	2.9	10
123	Mass Spectrometry-Based Identification of Y745 of Vav1 as a Tyrosine Residue Crucial in Maturation of Acute Promyelocytic Leukemia-Derived Cells. <i>Journal of Proteome Research</i> , 2010, 9, 752-760.	1.8	10
124	Stromal derived factor-1 $\alpha$ induces apoptosis in activated primary CD4+ T cells. <i>Aids</i> , 2000, 14, 748-750.	1.0	10
125	Human Herpesvirus 7 Infection Induces Profound Cell Cycle Perturbations Coupled to Disregulation of cdc2 and Cyclin B and Polyploidization of CD4+ T Cells. <i>Blood</i> , 1998, 92, 1685-1696.	0.6	10
126	Infection of CD34+ hematopoietic progenitor cells by human herpesvirus 7 (HHV-7). <i>Blood</i> , 2000, 96, 126-131.	0.6	10



#	ARTICLE	IF	CITATIONS
127	Flow cytometric analysis of liposome-nuclei interaction: Transfer and intranuclear release of carboxyfluorescein. <i>Cytometry</i> , 1986, 7, 331-338.	1.8	9
128	Ethanol extract from <i>Hemidesmus indicus</i> (Linn) displays otoprotectant activities on organotypic cultures without interfering on gentamicin uptake. <i>Journal of Chemical Neuroanatomy</i> , 2007, 34, 128-133.	1.0	9
129	PLC- $\beta$ 2 activity on actin-associated polyphosphoinositides promotes migration of differentiating tumoral myeloid precursors. <i>Cellular Signalling</i> , 2007, 19, 1701-1712.	1.7	9
130	Ectopic expression of PLC- $\beta$ 2 in non-invasive breast tumor cells plays a protective role against malignant progression and is correlated with the deregulation of miR-146a. <i>Molecular Carcinogenesis</i> , 2019, 58, 708-721.	1.3	8
131	Nuclear domains involved in inositol lipid signal transduction. <i>Advances in Enzyme Regulation</i> , 2000, 40, 219-253.	2.9	7
132	PLC- $\beta$ 2 monitors the drug-induced release of differentiation blockade in tumoral myeloid precursors. <i>Journal of Cellular Biochemistry</i> , 2006, 98, 160-173.	1.2	7
133	Nuclear phosphoinositidase C during growth factor stimulation. <i>Advances in Enzyme Regulation</i> , 1993, 33, 157-162.	2.9	6
134	Inositides in the nucleus: further developments on phospholipase C $\beta$ 1 signalling during erythroid differentiation and IGF-1 induced mitogenesis. <i>Advances in Enzyme Regulation</i> , 1999, 39, 287-297.	2.9	6
135	Enforced expression of human bcl-2 in CD4+ T cells enhances human herpesvirus 7 replication and induction of cytopathic effects. <i>European Journal of Immunology</i> , 1998, 28, 1587-1596.	1.6	5
136	Anti-leukemic activity of Dasatinib in both p53 wild-type and p53 mutated B malignant cells. <i>Investigational New Drugs</i> , 2012, 30, 417-422.	1.2	5
137	Risk factors associated with relapse of eyelid basal cell carcinoma: results from a retrospective study of 142 patients. <i>European Journal of Dermatology</i> , 2017, 27, 363-368.	0.3	5
138	Vav1 downmodulates Akt in different breast cancer subtypes: a new promising chance to improve breast cancer outcome. <i>Molecular Oncology</i> , 2018, 12, 1012-1025.	2.1	5
139	The Induction of Megakaryocyte Differentiation Is Accompanied by Selective Ser133 Phosphorylation of the Transcription Factor CREB in Both HEL Cell Line and Primary CD34+ Cells. <i>Blood</i> , 1998, 92, 472-480.	0.6	4
140	Enhanced resolution of specific chromosome and nuclear regions by reflectance laser scanning confocal microscopy. <i>Histochemistry and Cell Biology</i> , 1997, 107, 97-104.	0.8	3
141	The engagement of CD4 surface antigen in the HEL haemopoietic cell line up-regulates the transforming growth factor- $\beta$ 1 (TGF- $\beta$ 1) promoter activity. <i>British Journal of Haematology</i> , 1997, 97, 571-578.	1.2	3
142	Vav1 Sustains the In Vitro Differentiation of Normal and Tumor Precursors to Insulin Producing Cells Induced by all-Trans Retinoic Acid (ATRA). <i>Stem Cell Reviews and Reports</i> , 2021, 17, 673-684.	1.7	2
143	[12] Chromosome spread for confocal microscopy. <i>Methods in Enzymology</i> , 1999, 307, 190-207.	0.4	1
144	Lineage-Restricted Expression of Protein Kinase C Isoforms in Hematopoiesis. <i>Blood</i> , 1999, 93, 1178-1188.	0.6	1

#	ARTICLE	IF	CITATIONS
145	Vav1: A Key Player in Agonist-Induced Differentiation of Promyelocytes from Acute Myeloid Leukemia (APL). , 2011, , .		0
146	Upregulation of c-Fos in Activated T Lymphoid and Monocytic Cells by Human Immunodeficiency Virus-1 Tat Protein. Blood, 1997, 89, 1654-1664.	0.6	0