

# Sandra Marmioli

## List of Publications by Citations

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73  
papers

2,029  
citations

27  
h-index

42  
g-index

79  
ext. papers

2,312  
ext. citations

5.2  
avg, IF

4.57  
L-index

#	Paper	IF	Citations
73	Signaling specificity in the Akt pathway in biology and disease. <i>Advances in Biological Regulation</i> , <b>2014</b> , 55, 28-38	6.2	135
72	Effects of mutations in Wnt/ $\beta$ -catenin, hedgehog, Notch and PI3K pathways on GSK-3 activity-Diverse effects on cell growth, metabolism and cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2016</b> , 1863, 2942-2976	4.9	101
71	The need for a reassessment of the safe upper limit of selenium in drinking water. <i>Science of the Total Environment</i> , <b>2013</b> , 443, 633-42	10.2	100
70	Pharmacological inhibition of protein kinase CK2 reverts the multidrug resistance phenotype of a CEM cell line characterized by high CK2 level. <i>Oncogene</i> , <b>2007</b> , 26, 6915-26	9.2	77
69	Association of emerin with nuclear and cytoplasmic actin is regulated in differentiating myoblasts. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 303, 764-70	3.4	69
68	Autophagic degradation of farnesylated prelamin A as a therapeutic approach to lamin-linked progeria. <i>European Journal of Histochemistry</i> , <b>2011</b> , 55, e36	2.1	66
67	Targeting of the Akt/PKB kinase to the actin skeleton. <i>Cellular and Molecular Life Sciences</i> , <b>2003</b> , 60, 2710-29	6.2	66
66	Development of solvent-casting particulate leaching (SCPL) polymer scaffolds as improved three-dimensional supports to mimic the bone marrow niche. <i>Materials Science and Engineering C</i> , <b>2019</b> , 96, 153-165	8.3	66
65	Lamin A Ser404 is a nuclear target of Akt phosphorylation in C2C12 cells. <i>Journal of Proteome Research</i> , <b>2008</b> , 7, 4727-35	5.6	64
64	Phosphatidylinositol 3-kinase is recruited to a specific site in the activated IL-1 receptor I. <i>FEBS Letters</i> , <b>1998</b> , 438, 49-54	3.8	62
63	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> , <b>2003</b> , 86, 126-35	6	60
62	The protein kinase Akt/PKB regulates both prelamin A degradation and Lmna gene expression. <i>FASEB Journal</i> , <b>2013</b> , 27, 2145-55	0.9	59
61	Lamin A N-terminal phosphorylation is associated with myoblast activation: impairment in Emery-Dreifuss muscular dystrophy. <i>Journal of Medical Genetics</i> , <b>2005</b> , 42, 214-20	5.8	48
60	Feedbacks and adaptive capabilities of the PI3K/Akt/mTOR axis in acute myeloid leukemia revealed by pathway selective inhibition and phosphoproteome analysis. <i>Leukemia</i> , <b>2014</b> , 28, 2197-205	10.7	47
59	Dasatinib plus Nutlin-3 shows synergistic antileukemic activity in both p53 wild-type and p53 mutated B chronic lymphocytic leukemias by inhibiting the Akt pathway. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 762-70	12.9	40
58	Ankrd2/ARPP is a novel Akt2 specific substrate and regulates myogenic differentiation upon cellular exposure to H(2)O(2). <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 2946-56	3.5	39
57	A-type lamins and signaling: the PI 3-kinase/Akt pathway moves forward. <i>Journal of Cellular Physiology</i> , <b>2009</b> , 220, 553-61	7	37

56	AKT1-mediated Lamin A/C degradation is required for nuclear degradation and normal epidermal terminal differentiation. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 2123-32	12.7	36
55	Nuclear damages and oxidative stress: new perspectives for laminopathies. <i>European Journal of Histochemistry</i> , <b>2012</b> , 56, e45	2.1	35
54	Nuclear PLCbeta(1) acts as a negative regulator of p45/NF-E2 expression levels in Friend erythroleukemia cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2002</b> , 1589, 305-10	4.9	35
53	The oral protein-kinase C beta inhibitor enzastaurin (LY317615) suppresses signalling through the AKT pathway, inhibits proliferation and induces apoptosis in multiple myeloma cell lines. <i>Leukemia and Lymphoma</i> , <b>2008</b> , 49, 1374-83	1.9	33
52	Deregulated PTEN/PI3K/AKT/mTOR signaling in prostate cancer: Still a potential druggable target?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2020</b> , 1867, 118731	4.9	31
51	Cross-talk between the CK2 and AKT signaling pathways in cancer. <i>Advances in Biological Regulation</i> , <b>2017</b> , 64, 1-8	6.2	30
50	Critical Roles of EGFR Family Members in Breast Cancer and Breast Cancer Stem Cells: Targets for Therapy. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 2358-88	3.3	30
49	Nuclear phospholipase C $\beta$ signaling, epigenetics and treatments in MDS. <i>Advances in Biological Regulation</i> , <b>2013</b> , 53, 2-7	6.2	29
48	Troglitazone affects survival of human osteosarcoma cells. <i>International Journal of Cancer</i> , <b>2002</b> , 98, 344-51	7.5	27
47	Reversal of the glycolytic phenotype of primary effusion lymphoma cells by combined targeting of cellular metabolism and PI3K/Akt/ mTOR signaling. <i>Oncotarget</i> , <b>2016</b> , 7, 5521-37	3.3	27
46	Aberrant Compartment Formation by HSPB2 Mislocalizes Lamin A and Compromises Nuclear Integrity and Function. <i>Cell Reports</i> , <b>2017</b> , 20, 2100-2115	10.6	25
45	Melanocytes--a novel tool to study mitochondrial dysfunction in Duchenne muscular dystrophy. <i>Journal of Cellular Physiology</i> , <b>2013</b> , 228, 1323-31	7	24
44	MATER protein as substrate of PKCepsilon in human cumulus cells. <i>Molecular Human Reproduction</i> , <b>2009</b> , 15, 499-506	4.4	24
43	Inhibition of the expression of ornithine decarboxylase and c-Myc by cell-permeant ceramide in difluoromethylornithine-resistant leukaemia cells. <i>Biochemical Journal</i> , <b>1997</b> , 324 ( Pt 3), 783-9	3.8	24
42	Nuclear protein kinases in rat liver: evidence for increased histone H1 phosphorylating activity during liver regeneration. <i>Experimental Cell Research</i> , <b>1991</b> , 195, 255-62	4.2	23
41	Protein kinase B/AKT isoform 2 drives migration of human mesenchymal stem cells. <i>International Journal of Oncology</i> , <b>2013</b> , 42, 118-26	4.4	22
40	Rapamycin treatment of Mandibuloacral dysplasia cells rescues localization of chromatin-associated proteins and cell cycle dynamics. <i>Aging</i> , <b>2014</b> , 6, 755-70	5.6	22
39	Monocytosis has adverse prognostic significance and impacts survival in patients with T-cell lymphomas. <i>Leukemia Research</i> , <b>2013</b> , 37, 619-23	2.7	21

38	Phosphoinositidase C isozymes in SaOS-2 cells: immunocytochemical detection in nuclear and cytoplasmic compartments. <i>Biology of the Cell</i> , <b>1993</b> , 79, 243-50	3.5	20
37	Targeting PI3K/Akt/mTOR in AML: Rationale and Clinical Evidence. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	20
36	Anticancer agents sensitize osteosarcoma cells to TNF-related apoptosis-inducing ligand downmodulating IAP family proteins. <i>International Journal of Oncology</i> , <b>2006</b> , 28, 127-33	1	20
35	Human MATER localization in specific cell domains of oocytes and follicular cells. <i>Reproductive BioMedicine Online</i> , <b>2009</b> , 18, 226-34	4	19
34	Nuclear Nox4 interaction with prelamin A is associated with nuclear redox control of stem cell aging. <i>Aging</i> , <b>2018</b> , 10, 2911-2934	5.6	19
33	Phosphoproteomic analysis reveals hyperactivation of mTOR/STAT3 and LCK/Calcineurin axes in pediatric early T-cell precursor ALL. <i>Leukemia</i> , <b>2017</b> , 31, 1007-1011	10.7	17
32	Phosphatidylinositol 3-kinase is required for the induction of ornithine decarboxylase in leukemia cells stimulated to growth. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 239, 729-33	3.4	17
31	Nuclear lipid-dependent signal transduction in human osteosarcoma cells. <i>Advances in Enzyme Regulation</i> , <b>1997</b> , 37, 351-75		15
30	Crosstalks of GSK3 signaling with the mTOR network and effects on targeted therapy of cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2020</b> , 1867, 118635	4.9	15
29	Dual inhibition of PI3K/mTOR signaling in chemoresistant AML primary cells. <i>Advances in Biological Regulation</i> , <b>2018</b> , 68, 2-9	6.2	14
28	Clusterin enhances AKT2-mediated motility of normal and cancer prostate cells through a PTEN and PHLPP1 circuit. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 11188-11199	7	14
27	Inhibition of Ras-mediated signaling pathways in CML stem cells. <i>Cellular Oncology (Dordrecht)</i> , <b>2015</b> , 38, 407-18	7.2	13
26	Tiazofurin induces a down-modulation of ICAM-1 expression on K562 target cells impairing NK adhesion and killing. <i>Cellular Immunology</i> , <b>1995</b> , 164, 100-4	4.4	13
25	New roles for lamins, nuclear envelope proteins and actin in the nucleus. <i>Advances in Enzyme Regulation</i> , <b>2004</b> , 44, 155-72		12
24	Inhibition of phosphoinositide 3-kinase impairs pre-commitment cell cycle traverse and prevents differentiation in erythroleukaemia cells. <i>Cell Death and Differentiation</i> , <b>2000</b> , 7, 112-7	12.7	12
23	Unusual laminin alpha2 processing in myoblasts from a patient with a novel variant of congenital muscular dystrophy. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 277, 639-42	3.4	11
22	Age-related events in human active T lymphocytes: changes in the phosphoinositidase C activity. <i>Biochemical and Biophysical Research Communications</i> , <b>1993</b> , 194, 566-70	3.4	11
21	Effect of sodium arsenite on the induction and turnover of ornithine decarboxylase activity in erythroleukemia cells. <i>Cell Biochemistry and Function</i> , <b>1989</b> , 7, 213-7	4.2	11

20	Phosphorylation of ornithine decarboxylase in intact erythroleukemia cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1990</b> , 1052, 345-7	4.9	11
19	Reverse-phase protein microarrays (RPPA) as a diagnostic and therapeutic guide in multidrug resistant leukemia. <i>International Journal of Oncology</i> , <b>2011</b> , 38, 427-35	4.4	10
18	Serum Fatty acids and risk of cutaneous melanoma: a population-based case-control study. <i>Dermatology Research and Practice</i> , <b>2013</b> , 2013, 659394	2	9
17	Interleukin-1-receptor-associated kinase 2 (IRAK2)-mediated interleukin-1-dependent nuclear factor kappaB transactivation in Saos2 cells requires the Akt/protein kinase B kinase. <i>Biochemical Journal</i> , <b>2003</b> , 376, 303-11	3.8	9
16	Stabilization of ornithine decarboxylase in erythroleukemia cells depleted of ATP. <i>Biochemical and Biophysical Research Communications</i> , <b>1989</b> , 163, 1217-22	3.4	9
15	A KDM4A-PAF1-mediated epigenomic network is essential for acute myeloid leukemia cell self-renewal and survival. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 573	9.8	9
14	Influence of selenium on the emergence of neuro tubule defects in a neuron-like cell line and its implications for amyotrophic lateral sclerosis. <i>NeuroToxicology</i> , <b>2019</b> , 75, 209-220	4.4	8
13	Laminopathies and A-type lamin-associated signalling pathways. <i>Advances in Enzyme Regulation</i> , <b>2010</b> , 50, 248-61		8
12	Transfected Saos-2 cells overexpressing phosphoinositidase C beta 1 isoform accumulate it within the nucleus. <i>Biology of the Cell</i> , <b>1996</b> , 86, 121-6	3.5	7
11	Phosphatidylinositol 3-kinase translocation to the nucleus is an early event in the interleukin-1 signalling mechanism in human osteosarcoma Saos-2 cells. <i>Advances in Enzyme Regulation</i> , <b>1999</b> , 39, 33-49		6
10	Inositol lipid phosphorylation and breakdown in rat liver nuclei is affected by hydrocortisone blood levels. <i>Cell Biochemistry and Function</i> , <b>1994</b> , 12, 201-7	4.2	6
9	Anticancer agents sensitize osteosarcoma cells to TNF-related apoptosis-inducing ligand downmodulating IAP family proteins <b>2006</b> , 28, 127		5
8	At the nucleus of the problem: nuclear proteins and disease. <i>Advances in Enzyme Regulation</i> , <b>2003</b> , 43, 411-43		5
7	Effect of ATP depletion and phenanthroline on the spermidine-mediated decay of ornithine decarboxylase in erythroleukemia cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1990</b> , 172, 939-44	3.4	4
6	Phosphorylation by casein kinase-2 and reversible alteration of thiol groups: mechanisms of control of ornithine decarboxylase?. <i>Advances in Experimental Medicine and Biology</i> , <b>1988</b> , 250, 45-53	3.6	3
5	Sensitization of multidrug resistant human osteosarcoma cells to Apo2 Ligand/TRAIL-induced apoptosis by inhibition of the Akt/PKB kinase <b>2004</b> , 25, 1599		2
4	Study on the role of endogenous polyamines in glucagon, isoproterenol or serum-mediated induction of tyrosine aminotransferase in cultured heart cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 152, 497-504	3.4	1
3	The Histone Demethylase KDM4A Is Required to Sustain H3K9me3/H3K27me3 Epigenetic States and Oncogenesis in MLL-AF9 Acute Myeloid Leukemia. <i>Blood</i> , <b>2018</b> , 132, 3879-3879	2.2	1

2 Synergistic cytotoxicity of dual PI3K/mTOR and FLT3 inhibition in FLT3-ITD AML cells. *Advances in Biological Regulation*, **2021**, 82, 100830

6.2 0

1 Interleukin 1 $\beta$  and Tumor Necrosis Factor- $\alpha$  modulate the nuclear phosphoinositide signaling system **1995**, 445-452