

# Susana Alemany

## List of Publications by Year in descending order

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46  
papers

2,300  
citations

236925

25  
h-index

233421

45  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1913  
citing authors

#	ARTICLE	IF	CITATIONS
1	[37] Protein phosphatase-1 and protein phosphatase-2A from rabbit skeletal muscle. <i>Methods in Enzymology</i> , 1988, 159, 390-408.	1.0	417
2	Specific loss of the high-molecular-weight form of S-adenosyl-L-methionine synthetase in human liver cirrhosis. <i>Hepatology</i> , 1988, 8, 1530-1534.	7.3	170
3	The protein phosphatases involved in cellular regulation. 2. Purification, subunit structure and properties of protein phosphatases-2A $\alpha$ , 2A1, and 2A2 from rabbit skeletal muscle. <i>FEBS Journal</i> , 1985, 148, 253-263.	0.2	162
4	Purification and comparison of two forms of S-adenosyl-L-methionine synthetase from rat liver. <i>FEBS Journal</i> , 1987, 170, 299-304.	0.2	119
5	Phospho-dephospho-control by insulin is mimicked by a phospho-oligosaccharide in adipocytes. <i>Nature</i> , 1987, 330, 77-79.	27.8	106
6	SIRT1 Controls Acetaminophen Hepatotoxicity by Modulating Inflammation and Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1187-1208.	5.4	97
7	Phosphorylase is an allosteric inhibitor of the glycogen and microsomal forms of rat hepatic protein phosphatase-1. <i>FEBS Letters</i> , 1986, 198, 194-202.	2.8	90
8	Isolation and sequence analysis of a cDNA clone encoding the entire catalytic subunit of a type-2A protein phosphatase. <i>FEBS Letters</i> , 1987, 221, 415-422.	2.8	88
9	Regulation of cyclooxygenase activity by metamizol. <i>European Journal of Pharmacology</i> , 1999, 378, 339-347.	3.5	83
10	The protein phosphatases involved in cellular regulation. Evidence that dephosphorylation of glycogen phosphorylase and glycogen synthase in the glycogen and microsomal fractions of rat liver are catalysed by the same enzyme: protein phosphatase-1. <i>FEBS Journal</i> , 1986, 156, 101-110.	0.2	76
11	Cot Kinase Induces Cyclooxygenase-2 Expression in T Cells through Activation of the Nuclear Factor of Activated T Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 27003-27009.	3.4	71
12	Cot/tpl2 activity is required for TLR $\alpha$ -induced activation of the Akt p70 S6k pathway in macrophages: Implications for NO synthase 2 expression. <i>European Journal of Immunology</i> , 2011, 41, 1733-1741.	2.9	71
13	The protein phosphatases involved in cellular regulation. Antibody to protein phosphatase-2A as a probe of phosphatase structure and function. <i>FEBS Journal</i> , 1984, 145, 51-56.	0.2	55
14	Metabolic signatures linked to macrophage polarization: from glucose metabolism to oxidative phosphorylation. <i>Biochemical Society Transactions</i> , 2015, 43, 740-744.	3.4	54
15	The COOH-Terminal Domain of Wild-Type Cot Regulates Its Stability and Kinase Specific Activity. <i>Molecular and Cellular Biology</i> , 2003, 23, 7377-7390.	2.3	53
16	Bruton's tyrosine kinase is not essential for LPS-induced activation of human monocytes. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 1462-1469.	2.9	49
17	Cot Kinase Activates Tumor Necrosis Factor- $\alpha$ Gene Expression in a Cyclosporin A-resistant Manner. <i>Journal of Biological Chemistry</i> , 1998, 273, 14099-14106.	3.4	43
18	Sterile Inflammation in Acetaminophen-induced Liver Injury Is Mediated by Cot/tpl2. <i>Journal of Biological Chemistry</i> , 2013, 288, 15342-15351.	3.4	41

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19	Stimulation by vasopressin and angiotensin of phospholipid methyltransferase in isolated rat hepatocytes. <i>FEBS Letters</i> , 1981, 135, 111-114.	2.8	38
20	Cot/tpl2-MKK1/2-Erk1/2 controls mTORC1-mediated mRNA translation in Toll-like receptor-activated macrophages. <i>Molecular Biology of the Cell</i> , 2012, 23, 2982-2992.	2.1	37
21	Interleukin-2 induces $^3$ S-adenosyl-L-methionine synthetase gene expression during T-lymphocyte activation. <i>Biochemical Journal</i> , 1996, 319, 929-933.	3.7	33
22	Conversion of rat liver synthetase from high-Mr form to low-Mr form by LiBr. <i>BBA - Proteins and Proteomics</i> , 1988, 952, 277-281.	2.1	30
23	15-Deoxy- $^3$ H-12,14-prostaglandin J2 Regulates Endogenous Cot MAPK Kinase Kinase 1 Activity Induced by Lipopolysaccharide. <i>Journal of Biological Chemistry</i> , 2003, 278, 52124-52130.	3.4	27
24	Cot/tpl2 (MAP3K8) Mediates Myeloperoxidase Activity and Hypernociception following Peripheral Inflammation*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33805-33815.	3.4	27
25	Calmodulin modulates phospholipid methylation in. <i>Biochemical and Biophysical Research Communications</i> , 1980, 94, 1325-1330.	2.1	26
26	Influence of Preparation Methods of Chitooligosaccharides on Their Physicochemical Properties and Their Anti-Inflammatory Effects in Mice and in RAW264.7 Macrophages. <i>Marine Drugs</i> , 2018, 16, 430.	4.6	25
27	COX2 expression and Erk1/Erk2 activity mediate Cot-induced cell migration. <i>Cellular Signalling</i> , 2008, 20, 1625-1631.	3.6	21
28	Myeloid cell deficiency of p38 $^{\beta}$ /p38 $^{\gamma}$ protects against candidiasis and regulates antifungal immunity. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	20
29	The Thyroid Hormone Receptors Inhibit Hepatic Interleukin-6 Signaling During Endotoxemia. <i>Scientific Reports</i> , 2016, 6, 30990.	3.3	19
30	TRAF6 and Src kinase activity regulates Cot activation by IL-1. <i>Cellular Signalling</i> , 2006, 18, 1376-1385.	3.6	18
31	Map3k8 Modulates Monocyte State and Atherogenesis in ApoE <sup>-/-</sup> Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 237-246.	2.4	17
32	p27 <sup>kif</sup> Protein Levels and E2F Activity Are Targets of Cot Kinase During G1 Phase Progression in T Cells. <i>Journal of Immunology</i> , 2001, 166, 6084-6090.	0.8	14
33	Effect of fatty acid anilides on the generation of arachidonic acid by human polymorphonuclear leukocytes. <i>FEBS Letters</i> , 1983, 162, 151-155.	2.8	13
34	Cot/tpl2 participates in the activation of macrophages by adiponectin. <i>Journal of Leukocyte Biology</i> , 2014, 95, 917-930.	3.3	13
35	COT Kinase Proto-oncogene Expression in T Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 31379-31386.	3.4	11
36	The Tpl2 Kinase Regulates the COX-2/Prostaglandin E2 Axis in Adipocytes in Inflammatory Conditions. <i>Molecular Endocrinology</i> , 2015, 29, 1025-1036.	3.7	11

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37	Map3k8 controls granulocyte colony-stimulating factor production and neutrophil precursor proliferation in lipopolysaccharide-induced emergency granulopoiesis. <i>Scientific Reports</i> , 2017, 7, 5010.	3.3	10
38	Phosphorylation control by insulin in adipocytes is interfered with at a post-receptor step by phosphoinositol and glucosamine. <i>FEBS Letters</i> , 1990, 268, 169-172.	2.8	9
39	Raf-1 and ERK2 kinases are required for phorbol 12,13-dibutyrate-stimulated proliferation of rat lymphoblasts. ERK2 activation precedes Raf-1 hyperphosphorylation. <i>European Journal of Immunology</i> , 1994, 24, 2746-2754.	2.9	9
40	Involvement of Cot activity in the proliferation of ALCL lymphoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 655-660.	2.1	7
41	Hematopoiesis in aged female mice devoid of thyroid hormone receptors. <i>Journal of Endocrinology</i> , 2020, 244, 83-94.	2.6	6
42	Hypothyroidism confers tolerance to cerebral malaria. <i>Science Advances</i> , 2022, 8, eabj7110.	10.3	5
43	Stress erythropoiesis in atherogenic mice. <i>Scientific Reports</i> , 2020, 10, 18469.	3.3	4
44	Regulation of ERK2 dephosphorylation in G1-stimulated rat T lymphoblasts. <i>Journal of Clinical Immunology</i> , 1997, 17, 494-501.	3.8	3
45	Phospho-oligosaccharide dependent phosphorylation of ATP citrate lyase. <i>Advances in Enzyme Regulation</i> , 1990, 30, 109-117.	2.6	2
46	Role of Glycosyl-Phosphatidylinositols in Insulin Signalling. , 1990, , 167-179.		0