

# Antonio Gomez-Muoz

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55 papers	2,253 citations	28 h-index	47 g-index
56 ext. papers	2,596 ext. citations	5.6 avg, IF	4.98 L-index

#	Paper	IF	Citations
55	Ceramide-1-phosphate blocks apoptosis through inhibition of acid sphingomyelinase in macrophages. <i>Journal of Lipid Research</i> , <b>2004</b> , 45, 99-105	6.3	162
54	Ceramide 1-phosphate/ceramide, a switch between life and death. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2006</b> , 1758, 2049-56	3.8	134
53	Control of inflammatory responses by ceramide, sphingosine 1-phosphate and ceramide 1-phosphate. <i>Progress in Lipid Research</i> , <b>2016</b> , 61, 51-62	14.3	123
52	Ceramide 1-phosphate (C1P) promotes cell migration Involvement of a specific C1P receptor. <i>Cellular Signalling</i> , <b>2009</b> , 21, 405-12	4.9	116
51	Phosphatidate phosphohydrolase catalyzes the hydrolysis of ceramide 1-phosphate, lysophosphatidate, and sphingosine 1-phosphate. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 16506-9	5.4	116
50	Ceramide-1-phosphate promotes cell survival through activation of the phosphatidylinositol 3-kinase/protein kinase B pathway. <i>FEBS Letters</i> , <b>2005</b> , 579, 3744-50	3.8	115
49	Stimulation of DNA synthesis by natural ceramide 1-phosphate. <i>Biochemical Journal</i> , <b>1997</b> , 325 ( Pt 2), 435-40	3.8	113
48	Ceramide 1-phosphate stimulates macrophage proliferation through activation of the PI3-kinase/PKB, JNK and ERK1/2 pathways. <i>Cellular Signalling</i> , <b>2008</b> , 20, 726-36	4.9	109
47	Ceramide-1-phosphate: a novel regulator of cell activation. <i>FEBS Letters</i> , <b>2004</b> , 562, 5-10	3.8	73
46	Sphingosine-1-phosphate inhibits acid sphingomyelinase and blocks apoptosis in macrophages. <i>FEBS Letters</i> , <b>2003</b> , 539, 56-60	3.8	66
45	Ceramide 1-phosphate stimulates proliferation of C2C12 myoblasts. <i>Biochimie</i> , <b>2012</b> , 94, 597-607	4.6	54
44	Ceramide 1-phosphate induces macrophage chemoattractant protein-1 release: involvement in ceramide 1-phosphate-stimulated cell migration. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 304, E1213-26	6	53
43	Ceramide 1-phosphate inhibits serine palmitoyltransferase and blocks apoptosis in alveolar macrophages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2009</b> , 1791, 263-72	5	49
42	Ceramide-1-phosphate has protective properties against cyclophosphamide-induced ovarian damage in a mice model of premature ovarian failure. <i>Human Reproduction</i> , <b>2018</b> , 33, 844-859	5.7	48
41	Ceramide 1-phosphate regulates cell migration and invasion of human pancreatic cancer cells. <i>Biochemical Pharmacology</i> , <b>2016</b> , 102, 107-119	6	46
40	Ceramide-1-phosphate in cell survival and inflammatory signaling. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 688, 118-30	3.6	46
39	Regulation of cell migration and inflammation by ceramide 1-phosphate. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2016</b> , 1861, 402-9	5	45

38	New insights on the role of ceramide 1-phosphate in inflammation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2013</b> , 1831, 1060-6	5	45
37	Activation of mTOR and RhoA is a major mechanism by which Ceramide 1-phosphate stimulates macrophage proliferation. <i>Cellular Signalling</i> , <b>2011</b> , 23, 27-34	4.9	40
36	Activation of protein kinase C-alpha is essential for stimulation of cell proliferation by ceramide 1-phosphate. <i>FEBS Letters</i> , <b>2010</b> , 584, 517-24	3.8	40
35	CANCERTOOL: A Visualization and Representation Interface to Exploit Cancer Datasets. <i>Cancer Research</i> , <b>2018</b> , 78, 6320-6328	10.1	40
34	Sphingomyelinase D/ceramide 1-phosphate in cell survival and inflammation. <i>Toxins</i> , <b>2015</b> , 7, 1457-66	4.9	39
33	Ceramide-1-phosphate inhibits cigarette smoke-induced airway inflammation. <i>European Respiratory Journal</i> , <b>2015</b> , 45, 1669-80	13.6	38
32	Caged ceramide 1-phosphate analogues: synthesis and properties. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 8844-7	4.2	38
31	C1P Attenuates Lipopolysaccharide-Induced Acute Lung Injury by Preventing NF- $\kappa$ B Activation in Neutrophils. <i>Journal of Immunology</i> , <b>2016</b> , 196, 2319-26	5.3	35
30	Generation of reactive oxygen species (ROS) is a key factor for stimulation of macrophage proliferation by ceramide 1-phosphate. <i>Experimental Cell Research</i> , <b>2012</b> , 318, 350-60	4.2	34
29	New signalling pathway involved in the anti-proliferative action of vitamin D $\alpha$ and its analogues in human neuroblastoma cells. A role for ceramide kinase. <i>Neuropharmacology</i> , <b>2012</b> , 63, 524-37	5.5	34
28	Involvement of nitric oxide in the promotion of cell survival by ceramide 1-phosphate. <i>FEBS Letters</i> , <b>2008</b> , 582, 2263-9	3.8	31
27	Novel signaling aspects of ceramide 1-phosphate. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2020</b> , 1865, 158630	5	27
26	Role of bioactive sphingolipids in physiology and pathology. <i>Essays in Biochemistry</i> , <b>2020</b> , 64, 579-589	7.6	27
25	Vitamin E alleviates non-alcoholic fatty liver disease in phosphatidylethanolamine N-methyltransferase deficient mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 14-25	6.9	24
24	Decreased lipogenesis in white adipose tissue contributes to the resistance to high fat diet-induced obesity in phosphatidylethanolamine N-methyltransferase-deficient mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2015</b> , 1851, 152-62	5	23
23	Phosphatidic acid inhibits ceramide 1-phosphate-stimulated macrophage migration. <i>Biochemical Pharmacology</i> , <b>2014</b> , 92, 642-50	6	23
22	Excess Folic Acid Increases Lipid Storage, Weight Gain, and Adipose Tissue Inflammation in High Fat Diet-Fed Rats. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	22
21	PGC1 $\beta$ suppresses prostate cancer cell invasion through ERR $\alpha$ transcriptional control. <i>Cancer Research</i> , <b>2019</b> , 79, 6153-6165	10.1	21

20	The Role of Ceramide 1-Phosphate in Tumor Cell Survival and Dissemination. <i>Advances in Cancer Research</i> , <b>2018</b> , 140, 217-234	5.9	19
19	Implication of matrix metalloproteinases 2 and 9 in ceramide 1-phosphate-stimulated macrophage migration. <i>Cellular Signalling</i> , <b>2016</b> , 28, 1066-74	4.9	19
18	Lysophosphatidic Acid Signaling Axis Mediates Ceramide 1-Phosphate-Induced Proliferation of C2C12 Myoblasts. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	19
17	Regulation of ceramide generation during macrophage apoptosis by ASMase and de novo synthesis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2015</b> , 1851, 1482-9	5	16
16	Vascular endothelial growth factor mediates ceramide 1-phosphate-stimulated macrophage proliferation. <i>Experimental Cell Research</i> , <b>2017</b> , 361, 277-283	4.2	16
15	PPAR $\gamma$ Elicits Ligand-Independent Repression of Trefoil Factor Family to Limit Prostate Cancer Growth. <i>Cancer Research</i> , <b>2018</b> , 78, 399-409	10.1	15
14	Exogenous ceramide-1-phosphate (C1P) and phospho-ceramide analogue-1 (PCERA-1) regulate key macrophage activities via distinct receptors. <i>Immunology Letters</i> , <b>2016</b> , 169, 73-81	4.1	13
13	Caged ceramide 1-phosphate (C1P) analogs: Novel tools for studying C1P biology. <i>Chemistry and Physics of Lipids</i> , <b>2016</b> , 194, 79-84	3.7	12
12	Vagus nerve contributes to the development of steatohepatitis and obesity in phosphatidylethanolamine N-methyltransferase deficient mice. <i>Journal of Hepatology</i> , <b>2015</b> , 62, 913-20	13.4	11
11	Ceramide Metabolism and Parkinson's Disease-Therapeutic Targets. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	11
10	Low-dose statin treatment increases prostate cancer aggressiveness. <i>Oncotarget</i> , <b>2018</b> , 9, 1494-1504	3.3	9
9	Regulation of adipogenesis by ceramide 1-phosphate. <i>Experimental Cell Research</i> , <b>2018</b> , 372, 150-157	4.2	9
8	Implication of Ceramide Kinase in Adipogenesis. <i>Mediators of Inflammation</i> , <b>2017</b> , 2017, 9374563	4.3	7
7	Genetic manipulation of LKB1 elicits lethal metastatic prostate cancer. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	7
6	Regulation of cell growth, survival and migration by ceramide 1-phosphate - implications in lung cancer progression and inflammation. <i>Cellular Signalling</i> , <b>2021</b> , 83, 109980	4.9	7
5	Implication of phosphatidylethanolamine N-methyltransferase in adipocyte differentiation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165853	6.9	4
4	Phosphatidic Acid Stimulates Myoblast Proliferation through Interaction with LPA1 and LPA2 Receptors. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
3	Identification of Androgen Receptor Metabolic Correlome Reveals the Repression of Ceramide Kinase by Androgens. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2

2	Implication of Ceramide Kinase/C1P in Cancer Development and Progression.. <i>Cancers</i> , <b>2022</b> , 14,	6.6	1
1	Addendum to Ceramide-1-phosphate promotes cell survival through activation of the phosphatidylinositol 3-kinase/protein kinase B pathway[FEBS Lett. 579 (2005) 3744B750]. <i>FEBS Letters</i> , <b>2006</b> , 580, 716-716	3.8	