

# JosÃ© Luis Urdiales

## List of Publications by Year in descending order

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44  
papers

1,492  
citations

394286

19  
h-index

302012

39  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monocyte chemoattractant protein-1: A key mediator in inflammatory processes. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 998-1001.	1.2	239
2	Roles of homocysteine in cell metabolism. <i>FEBS Journal</i> , 2001, 268, 3871-3882.	0.2	180
3	Biogenic Amines and Polyamines: Similar Biochemistry for Different Physiological Missions and Biomedical Applications. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2003, 38, 23-59.	2.3	175
4	Antiproliferative effect of dehydrodidemnin B (DDB), a depsipeptide isolated from Mediterranean tunicates. <i>Cancer Letters</i> , 1996, 102, 31-37.	3.2	131
5	Distinct biological properties of two RET isoforms activated by MEN1A and MEN1B mutations. <i>Oncogene</i> , 1997, 14, 265-275.	2.6	90
6	Cell Cycle Phase-Specific Surface Expression of Nerve Growth Factor Receptors TrkA and p75 <sup>NTR</sup> . <i>Journal of Neuroscience</i> , 1998, 18, 6767-6775.	1.7	55
7	Epigallocatechin gallate reduces human monocyte mobility and adhesion <i>in vitro</i> . <i>British Journal of Pharmacology</i> , 2009, 158, 1705-1712.	2.7	49
8	Pharmacological potential of biogenic amine-polyamine interactions beyond neurotransmission. <i>British Journal of Pharmacology</i> , 2013, 170, 4-16.	2.7	49
9	Polyamines in mammalian pathophysiology. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3987-4008.	2.4	47
10	Polyamine metabolism revisited. <i>European Journal of Gastroenterology and Hepatology</i> , 2001, 13, 1015-1019.	0.8	46
11	Mammalian l-amino acid decarboxylases producing 1,4-diamines: analogies among differences. <i>Trends in Biochemical Sciences</i> , 1994, 19, 318-319.	3.7	38
12	Polyamine Metabolism Is Sensitive to Glycolysis Inhibition in Human Neuroblastoma Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 6106-6119.	1.6	36
13	(-)-Epigallocatechin-3-gallate interferes with mast cell adhesiveness, migration and its potential to recruit monocytes. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 2690-2701.	2.4	32
14	Targeting of histamine producing cells by EGCG: a green dart against inflammation?. <i>Journal of Physiology and Biochemistry</i> , 2010, 66, 265-270.	1.3	31
15	Effects of phorbol ester and dexamethasone treatment on histidine decarboxylase and ornithine decarboxylase in basophilic cells. <i>Biochemical Pharmacology</i> , 2001, 61, 1101-1106.	2.0	30
16	Targeting polyamines and biogenic amines by green tea epigallocatechin-3-gallate. <i>Amino Acids</i> , 2010, 38, 519-523.	1.2	29
17	Chlorpheniramine inhibits the ornithine decarboxylase induction of Ehrlich carcinoma growing in vivo. <i>FEBS Letters</i> , 1992, 305, 260-264.	1.3	27
18	What We Know and What We Need to Know about Aromatic and Cationic Biogenic Amines in the Gastrointestinal Tract. <i>Foods</i> , 2018, 7, 145.	1.9	25

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19	Histamine prevents polyamine accumulation in mouse C57.1 mast cell cultures. <i>FEBS Journal</i> , 2001, 268, 768-773.	0.2	22
20	Histamine transport and metabolism are deranged in salivary glands in Sjogren's syndrome. <i>Rheumatology</i> , 2013, 52, 1599-1608.	0.9	20
21	In vitro study of proteolytic degradation of rat histidine decarboxylase. <i>FEBS Journal</i> , 2000, 267, 1527-1531.	0.2	19
22	The usefulness of post-genomics tools for characterization of the amine cross-talk in mammalian cells. <i>Biochemical Society Transactions</i> , 2007, 35, 381-385.	1.6	13
23	Exploring polyamine regulation by nascent histamine in a human-transfected cell model. <i>Amino Acids</i> , 2010, 38, 561-573.	1.2	13
24	A novel role for antizyme inhibitor 2 as a regulator of serotonin and histamine biosynthesis and content in mouse mast cells. <i>Amino Acids</i> , 2016, 48, 2411-2421.	1.2	13
25	Development of an expression macroarray for amine metabolism-related genes. <i>Amino Acids</i> , 2007, 33, 315-322.	1.2	11
26	Histamine, Metabolic Remodelling and Angiogenesis: A Systems Level Approach. <i>Biomolecules</i> , 2021, 11, 415.	1.8	10
27	Expression of different mitogen-regulated protein/proliferin mRNAs in Ehrlich carcinoma cells. <i>FEBS Letters</i> , 1994, 349, 343-348.	1.3	8
28	Conventional Matrices Loaded Onto a Graphene Layer Enhances MALDI-TOF/TOF Signal: Its Application to Improve Detection of Phosphorylated Peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 366-369.	1.2	8
29	Nascent histamine induces $\alpha$ -synuclein and caspase-3 on human cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 580-586.	1.0	7
30	One century after Fischer: better tools for teaching the stereochemistry of carbohydrates. <i>Biochemical Education</i> , 1999, 27, 7-8.	0.1	6
31	Aminoxy analog of histamine is an efficient inhibitor of mammalian l-histidine decarboxylase: combined in silico and experimental evidence. <i>Amino Acids</i> , 2014, 46, 621-631.	1.2	6
32	AMMO-Prot: amine system project 3D-model finder. <i>BMC Bioinformatics</i> , 2008, 9, S5.	1.2	5
33	Structural and functional analogies and differences between histidine decarboxylase and aromatic l-amino acid decarboxylase molecular networks: Biomedical implications. <i>Pharmacological Research</i> , 2016, 114, 90-102.	3.1	5
34	Early systemic effects on the hepatic mitochondria of tumour bearing mice. <i>Cancer Letters</i> , 1989, 44, 179-183.	3.2	4
35	An experiment on apoptosis induced by polyamine adducts produced in the presence of serum amine oxidase. <i>Biochemical Education</i> , 2000, 28, 110-112.	0.1	4
36	Analysis of Mammalian Histidine Decarboxylase Dimerization Interface Reveals an Electrostatic Hotspot Important for Catalytic Site Topology and Function. <i>Journal of Chemical Theory and Computation</i> , 2011, 7, 1935-1942.	2.3	3

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37	Structure/function relationship studies on the T/S residues 173-177 of rat ODC. BBA - Proteins and Proteomics, 1998, 1386, 113-120.	2.1	2
38	An experiment on apoptosis induced by polyamine adducts produced in the presence of serum amine oxidase. Biochemical Education, 2000, 28, 110-112.	0.1	2
39	5. Synthesis, metabolism and release of histamine. Inflammation Research, 2007, 56, S51-S52.	1.6	1
40	Antagonism between histamine and polyamines in mast cells. Inflammation Research, 2008, 57, 9-10.	1.6	1
41	The antihistaminic chlorpheniramine inhibits in vitro growth of several fungi isolated from harvested fruits. Phytoparasitica, 1999, 27, 207-213.	0.6	0
42	The Amine System Project: Systems Biology in Practice. Studies in Computational Intelligence, 2008, , 277-292.	0.7	0
43	Chapter 4 Histamine Receptors and Inflammatory Cells. , 0, , .		0
44	Turning around Cycles: An Approach Based on Selected Problems/Cases to Stimulate Collaborative Learning about Krebs and His Four Metabolic Cycles. Journal of Chemical Education, 0, , .	1.1	0