

Bruno Ramos-Molina

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,442
citations

393982

19
h-index

377514

34
g-index

60
all docs

60
docs citations

60
times ranked

2011
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of the Gut Microbiome in Colorectal Cancer Development and Therapy Response. <i>Cancers</i> , 2020, 12, 1406.	1.7	185
2	Dietary and Gut Microbiota Polyamines in Obesity- and Age-Related Diseases. <i>Frontiers in Nutrition</i> , 2019, 6, 24.	1.6	133
3	PCSK1 Mutations and Human Endocrinopathies: From Obesity to Gastrointestinal Disorders. <i>Endocrine Reviews</i> , 2016, 37, 347-371.	8.9	113
4	PCSK1 Variants and Human Obesity. <i>Progress in Molecular Biology and Translational Science</i> , 2016, 140, 47-74.	0.9	80
5	Altered Adipose Tissue DNA Methylation Status in Metabolic Syndrome: Relationships Between Global DNA Methylation and Specific Methylation at Adipogenic, Lipid Metabolism and Inflammatory Candidate Genes and Metabolic Variables. <i>Journal of Clinical Medicine</i> , 2019, 8, 87.	1.0	67
6	Gut Microbiota-Mediated Inflammation and Gut Permeability in Patients with Obesity and Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6782.	1.8	63
7	Metabolic endotoxemia promotes adipose dysfunction and inflammation in human obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E319-E332.	1.8	58
8	Non-Alcoholic Fatty Liver Disease in Lean and Non-Obese Individuals: Current and Future Challenges. <i>Biomedicines</i> , 2021, 9, 1346.	1.4	46
9	Posttranslational processing of FGF23 in osteocytes during the osteoblast to osteocyte transition. <i>Bone</i> , 2016, 84, 120-130.	1.4	44
10	Gut Microbiota Composition Is Associated With the Global DNA Methylation Pattern in Obesity. <i>Frontiers in Genetics</i> , 2019, 10, 613.	1.1	38
11	Antizyme Inhibitor 2 (AZIN2/ODCp) Stimulates Polyamine Uptake in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 20761-20769.	1.6	34
12	Antizyme inhibitor 2: molecular, cellular and physiological aspects. <i>Amino Acids</i> , 2010, 38, 603-611.	1.2	32
13	The Role of Fatty Acids in Non-Alcoholic Fatty Liver Disease Progression: An Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6900.	1.8	32
14	Type 2 Diabetes Is Associated with a Different Pattern of Serum Polyamines: A Caseâ€“Control Study from the PREDIMED-Plus Trial. <i>Journal of Clinical Medicine</i> , 2019, 8, 71.	1.0	31
15	Cationic Cell-Penetrating Peptides Are Potent Furin Inhibitors. <i>PLoS ONE</i> , 2015, 10, e0130417.	1.1	29
16	Differential expression of ornithine decarboxylase antizyme inhibitors and antizymes in rodent tissues and human cell lines. <i>Amino Acids</i> , 2012, 42, 539-547.	1.2	24
17	Revisiting PC1/3 Mutants: Dominant-Negative Effect of Endoplasmic Reticulum-Retained Mutants. <i>Endocrinology</i> , 2015, 156, 3625-3637.	1.4	23
18	Expression of antizyme inhibitor 2 in male haploid germinal cells suggests a role in spermiogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1070-1078.	1.2	22

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19	Leptin Signaling in Obesity and Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4713.	1.8	22
20	Subcellular localization of antizyme inhibitor 2 in mammalian cells: Influence of intrinsic sequences and interaction with antizymes. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 732-740.	1.2	21
21	Loss of <i>Furin</i> in β^2 -Cells Induces an mTORC1-ATF4 Anabolic Pathway That Leads to β^2 -Cell Dysfunction. <i>Diabetes</i> , 2021, 70, 492-503.	0.3	20
22	Non-alcoholic fatty liver disease-related fibrosis and sarcopenia: An altered liver-muscle crosstalk leading to increased mortality risk. <i>Ageing Research Reviews</i> , 2022, 80, 101696.	5.0	19
23	Antizyme Inhibitor 2 Hypomorphic Mice. New Patterns of Expression in Pancreas and Adrenal Glands Suggest a Role in Secretory Processes. <i>PLoS ONE</i> , 2013, 8, e69188.	1.1	17
24	Endoplasmic reticulum-associated degradation of the mouse PC1/3-N222D hypomorph and human PCSK1 mutations contributes to obesity. <i>International Journal of Obesity</i> , 2016, 40, 973-981.	1.6	17
25	Differential effects of restrictive and malabsorptive bariatric surgery procedures on the serum lipidome in obese subjects. <i>Journal of Clinical Lipidology</i> , 2018, 12, 1502-1512.	0.6	14
26	Identification of potent and compartment-selective small molecule furin inhibitors using cell-based assays. <i>Biochemical Pharmacology</i> , 2015, 96, 107-118.	2.0	13
27	Antizyme Inhibitors in Polyamine Metabolism and Beyond: Physiopathological Implications. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 89.	1.3	13
28	Relationships of Gut Microbiota Composition, Short-Chain Fatty Acids and Polyamines with the Pathological Response to Neoadjuvant Radiochemotherapy in Colorectal Cancer Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9549.	1.8	13
29	Structural and degradative aspects of ornithine decarboxylase antizyme inhibitor 2. <i>FEBS Open Bio</i> , 2014, 4, 510-521.	1.0	12
30	Characterization of Metabolomic Profile Associated with Metabolic Improvement after Bariatric Surgery in Subjects with Morbid Obesity. <i>Journal of Proteome Research</i> , 2018, 17, 2704-2714.	1.8	12
31	Change in serum polyamine metabolome pattern after bariatric surgery in obese patients with metabolic syndrome. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 306-311.	1.0	12
32	New insights of polyamine metabolism in testicular physiology: A role of ornithine decarboxylase antizyme inhibitor 2 (AZIN2) in the modulation of testosterone levels and sperm motility. <i>PLoS ONE</i> , 2018, 13, e0209202.	1.1	11
33	Metatypes of response to bariatric surgery independent of the magnitude of weight loss. <i>PLoS ONE</i> , 2018, 13, e0198214.	1.1	11
34	Influence of ornithine decarboxylase antizymes and antizyme inhibitors on agmatine uptake by mammalian cells. <i>Amino Acids</i> , 2015, 47, 1025-1034.	1.2	10
35	Gender-Related Differences on Polyamine Metabolome in Liquid Biopsies by a Simple and Sensitive Two-Step Liquid-Liquid Extraction and LC-MS/MS. <i>Biomolecules</i> , 2019, 9, 779.	1.8	10
36	Analysis of the anti-inflammatory potential of Brassica bioactive compounds in a human macrophage-like cell model derived from HL-60 cells. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112804.	2.5	10

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37	Phosphorylation and Alternative Splicing of 7B2 Reduce Prohormone Convertase 2 Activation. <i>Molecular Endocrinology</i> , 2015, 29, 756-764.	3.7	9
38	Endosome to trans-Golgi network transport of Proprotein Convertase 7 is mediated by a cluster of basic amino acids and palmitoylated cysteines. <i>European Journal of Cell Biology</i> , 2017, 96, 432-439.	1.6	9
39	Functional analysis of PCSK2 coding variants: A founder effect in the Old Order Amish population. <i>Diabetes Research and Clinical Practice</i> , 2017, 131, 82-90.	1.1	9
40	Hyperphagia and Obesity in Prader-Willi Syndrome: PCSK1 Deficiency and Beyond?. <i>Genes</i> , 2018, 9, 288.	1.0	9
41	Novel Homozygous Inactivating Mutation in the PCSK1 Gene in an Infant with Congenital Malabsorptive Diarrhea. <i>Genes</i> , 2021, 12, 710.	1.0	9
42	The mouse Gm853 gene encodes a novel enzyme: Leucine decarboxylase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 365-376.	1.1	8
43	A Pilot Study of Serum Sphingomyelin Dynamics in Subjects with Severe Obesity and Non-alcoholic Steatohepatitis after Sleeve Gastrectomy. <i>Obesity Surgery</i> , 2019, 29, 983-989.	1.1	8
44	Epigenetic regulation of white adipose tissue in the onset of obesity and metabolic diseases. <i>Obesity Reviews</i> , 2020, 21, e13054.	3.1	8
45	Effect of a lifestyle intervention program with energy-restricted Mediterranean diet and exercise on the serum polyamine metabolome in individuals at high cardiovascular disease risk: a randomized clinical trial. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 975-982.	2.2	8
46	Differential Effects of Furin Deficiency on Insulin Receptor Processing and Glucose Control in Liver and Pancreatic β Cells of Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6344.	1.8	7
47	Gut microbiota and related metabolites in the pathogenesis of nonalcoholic steatohepatitis and its resolution after bariatric surgery. <i>Obesity Reviews</i> , 2022, 23, e13367.	3.1	7
48	Expression and distribution of genes encoding for polyamine-metabolizing enzymes in the different zones of male and female mouse kidneys. <i>Amino Acids</i> , 2012, 43, 2153-2163.	1.2	6
49	Mutational analysis of the antizyme-binding element reveals critical residues for the function of ornithine decarboxylase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 5157-5165.	1.1	6
50	The induction of cardiac ornithine decarboxylase by β -adrenergic agents is associated with calcium channels and phosphorylation of ERK1/2. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 1978-1986.	1.2	6
51	Transgenic Artifacts Caused by Passenger Human Growth Hormone. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 670-674.	3.1	5
52	Relationship of Zonulin with Serum PCSK9 Levels after a High Fat Load in a Population of Obese Subjects. <i>Biomolecules</i> , 2020, 10, 748.	1.8	5
53	Genome Profiling of H3k4me3 Histone Modification in Human Adipose Tissue during Obesity and Insulin Resistance. <i>Biomedicines</i> , 2021, 9, 1363.	1.4	4
54	Regulated Proteolysis of Signaling Molecules: The Proprotein Convertases. , 2016, , 555-567.		2

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55	Dietary modulation of gut microbiota in patients with colorectal cancer undergoing surgery: A review. <i>International Journal of Surgery</i> , 2022, 104, 106751.	1.1	2
56	Editorial: Dietary Factors, Epigenetics and Their Implications for Human Obesity. <i>Frontiers in Endocrinology</i> , 2020, 11, 601.	1.5	0
57	Changes in the Serum Fatty Acid Profile After Anhepatic Phase of Orthotopic Liver Transplantation Procedure. <i>Frontiers in Physiology</i> , 2022, 13, 817987.	1.3	0
58	Gut Microbiome Modification through Dietary Intervention in Patients with Colorectal Cancer: Protocol for a Prospective, Interventional, Controlled, Randomized Clinical Trial in Patients with Scheduled Surgical Intervention for CRC. <i>Journal of Clinical Medicine</i> , 2022, 11, 3613.	1.0	0