Javier Martinez-Botas

List of Publications by Year
in descending order

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49 papers	2,060 citations	361413 20 h-index	233421 45 g-index
52 all docs	52 docs citations	52 times ranked	3359 citing authors

#	Article	IF	Citations
1	Absence of perilipin results in leanness and reverses obesity in Leprdb/db mice. Nature Genetics, 2000, 26, 474-479.	21.4	523
2	Altered metabolism of gut microbiota contributes to chronic immune activation in HIV-infected individuals. Mucosal Immunology, 2015, 8, 760-772.	6.0	255
3	The effects of prebiotics on microbial dysbiosis, butyrate production and immunity in HIV-infected subjects. Mucosal Immunology, 2017, 10, 1279-1293.	6.0	103
4	Metabolic Adaptations in the Absence of Perilipin. Journal of Biological Chemistry, 2004, 279, 35150-35158.	3.4	96
5	Hydroxymethylglutaryl-coenzyme A reductase inhibition stimulates caspase-1 activity and Th1-cytokine release in peripheral blood mononuclear cells. Atherosclerosis, 2000, 153, 303-313.	0.8	89
6	Cholesterol starvation decreases P34^{cdc2}kinase activity and arrests the cell cycle at G2. FASEB Journal, 1999, 13, 1359-1370.	0.5	87
7	Coordinated Upregulation of Oxidative Pathways and Downregulation of Lipid Biosynthesis Underlie Obesity Resistance in Perilipin Knockout Mice: A Microarray Gene Expression Profile. Diabetes, 2003, 52, 2666-2674.	0.6	70
8	Red Grape Juice Polyphenols Alter Cholesterol Homeostasis and Increase LDL-Receptor Activity in Human Cells In Vitro. Journal of Nutrition, 2006, 136, 1766-1773.	2.9	67
9	Induction of the endoplasmic reticulum stress protein GADD153/CHOP by capsaicin in prostate PC-3 cells: A microarray study. Biochemical and Biophysical Research Communications, 2008, 372, 785-791.	2.1	66
10	Dose-dependent effects of lovastatin on cell cycle progression. Distinct requirement of cholesterol and non-sterol mevalonate derivatives. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2001, 1532, 185-194.	2.4	58
11	Desmosterol can replace cholesterol in sustaining cell proliferation and regulating the SREBP pathway in a sterol-l"24-reductase-deficient cell line. Biochemical Journal, 2009, 420, 305-318.	3.7	54
12	Gene expression profiling of subcutaneous adipose tissue in morbid obesity using a focused microarray: Distinct expression of cell-cycle- and differentiation-related genes. BMC Medical Genomics, 2010, 3, 61.	1.5	46
13	Identification of novel peptide biomarkers to predict safety and efficacy of cow's milk oral immunotherapy by peptide microarray. Clinical and Experimental Allergy, 2015, 45, 1071-1084.	2.9	45
14	Synergistic upregulation of low-density lipoprotein receptor activity by tamoxifen and lovastatin. Cardiovascular Research, 2004, 64, 346-355.	3.8	43
15	Mapping of the IgE and IgG4 Sequential Epitopes of Ovomucoid with a Peptide Microarray Immunoassay. International Archives of Allergy and Immunology, 2013, 161, 11-20.	2.1	40
16	Dietary lipids modulate the expression of miR-107, an miRNA that regulates the circadian system. Molecular Nutrition and Food Research, 2015, 59, 552-565.	3.3	40
17	Contribution of IncFII and Broad-Host IncA/C and IncN Plasmids to the Local Expansion and Diversification of Phylogroup B2 Escherichia coli ST131 Clones Carrying bla _{CTX-M-15} and qnrS1 Genes. Antimicrobial Agents and Chemotherapy, 2012, 56, 2763-2766.	3.2	27
18	Early and prolonged intake of partially hydrogenated fat alters the expression of genes in rat adipose tissue. Nutrition, 2009, 25, 782-789.	2.4	24

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19	Flavonoid-Induced Ability of Minimally Modified Low-Density Lipoproteins to Support Lymphocyte Proliferation. Biochemical Pharmacology, 1998, 55, 1125-1129.	4.4	21
20	Hormone-sensitive lipase deficiency disturbs the fatty acid composition of mouse testis. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 88, 227-233.	2.2	19
21	RNAiâ€mediated silencing of insulin receptor substrateâ€4 enhances actinomycin Dâ€and tumor necrosis factorâ€Î±â€induced cell death in hepatocarcinoma cancer cell lines. Journal of Cellular Biochemistry, 2009, 108, 1292-1301.	2.6	18
22	The antioxidant butylated hydroxyanisole potentiates the toxic effects of propylparaben in cultured mammalian cells. Food and Chemical Toxicology, 2014, 72, 195-203.	3.6	18
23	Curcumin stimulates exosome/microvesicle release in an in vitro model of intracellular lipid accumulation by increasing ceramide synthesis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158638.	2.4	17
24	Impact of different low-density lipoprotein (LDL) receptor mutations on the ability of LDL to support lymphocyte proliferation. Metabolism: Clinical and Experimental, 1999, 48, 834-839.	3.4	15
25	Growth Factor Expression After Lesion Creation in the Avascular Zone of the Meniscus: A Quantitative PCR Study inÂRabbits. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2014, 30, 1131-1138.	2.7	15
26	Antiadipogenic effects of subthermal electric stimulation at 448 kHz on differentiating human mesenchymal stem cells. Molecular Medicine Reports, 2016, 13, 3895-3903.	2.4	15
27	Clinically used selective estrogen receptor modulators affect different steps of macrophage-specific reverse cholesterol transport. Scientific Reports, 2016, 6, 32105.	3.3	14
28	Role of cholesterol metabolism in the anticancer pharmacology of selective estrogen receptor modulators. Seminars in Cancer Biology, 2021, 73, 101-115.	9.6	14
29	Promoter analysis of the DHCR24 (3Î²-hydroxysterol Î”24-reductase) gene: characterization of SREBP (sterol-regulatoryelement-binding protein)-mediated activation. Bioscience Reports, 2013, 33, 57-69.	2.4	13
30	Selective estrogen receptor modulators (SERMs) affect cholesterol homeostasis through the master regulators SREBP and LXR. Biomedicine and Pharmacotherapy, 2021, 141, 111871.	5.6	13
31	Clinical utility of microarray Bâ€cell epitope mapping in food allergies: A systematic review. Pediatric Allergy and Immunology, 2020, 31, 175-185.	2.6	12
32	Disruption of the mevalonate pathway induces dNTP depletion and DNA damage. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1240-1253.	2.4	11
33	Cell cycle dependence on the mevalonate pathway: Role of cholesterol and non-sterol isoprenoids. Biochemical Pharmacology, 2022, 196, 114623.	4.4	11
34	HDL cholesterol efflux normalised to apoA-I is associated with future development of type 2 diabetes: from the CORDIOPREV trial. Scientific Reports, 2017, 7, 12499.	3.3	9
35	The role of serum osteoprotegerin and receptorâ€“activator of nuclear factor-ÎºB ligand in metabolic bone disease of women after obesity surgery. Journal of Bone and Mineral Metabolism, 2016, 34, 655-661.	2.7	8
36	Long-term docosahexaenoic acid (DHA) supplementation in cystic fibrosis patients: a randomized, multi-center, double-blind, placebo-controlled trial. Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 162, 102186.	2.2	8

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37	The Antipsychotic Risperidone Alters Dihydroceramide and Ceramide Composition and Plasma Membrane Function in Leukocytes In Vitro and In Vivo. International Journal of Molecular Sciences, 2021, 22, 3919.	4.1	8
38	IgE and IgG4 Epitope Mapping of Food Allergens with a Peptide Microarray Immunoassay. Methods in Molecular Biology, 2016, 1352, 235-249.	0.9	8
39	Association between cholesterol efflux capacity and peripheral artery disease in coronary heart disease patients with and without type 2 diabetes: from the CORDIOPREV study. Cardiovascular Diabetology, 2021, 20, 72.	6.8	7
40	Induction of apoptosis in p53-null HL-60 cells by inhibition of lanosterol 14-Î± demethylase. Biochimie, 1998, 80, 887-894.	2.6	6
41	Dose-dependent dual effects of cholesterol and desmosterol on J774 macrophage proliferation. Biochemical and Biophysical Research Communications, 2008, 377, 484-488.	2.1	6
42	Successful rapid desensitization to Atezolizumab in delayed hypersensitivity confirmed with Lymphocyte Transformation Test.. Journal of Allergy and Clinical Immunology: in Practice, 2022, , .	3.8	4
43	Effectiveness of allergy testing in milk induced eosinophilic esophagitis. Description and follow-up of patients. Allergologia Et Immunopathologia, 2020, 48, 576-581.	1.7	3
44	Epitope Mapping of Allergenic Lipid Transfer Proteins. Methods in Molecular Biology, 2021, 2344, 107-117.	0.9	2
45	Rottlerin Stimulates Exosome/Microvesicle Release Via the Increase of Ceramide Levels Mediated by Ampk in an In Vitro Model of Intracellular Lipid Accumulation. Biomedicines, 2022, 10, 1316.	3.2	2
46	Epitope Mapping of Food Allergens Using Noncontact. Methods in Molecular Biology, 2021, 2344, 119-135.	0.9	1
47	Custard Apple Allergy with Glycosyltransferase as the Allergen Involved. Journal of Investigational Allergology and Clinical Immunology, 2021, 32, 0.	1.3	1
48	The metabolically unhealthy obese phenotype is mainly associated with hypoadiponectinemia, hyperuricemia and high OPG/RANKL ratio. E-SPEN Journal, 2014, 9, e167-e172.	0.5	0
49	Identification of biomarkers to predict safety and efficacy of cow's milk oral immunotherapy by peptide microarray. Clinical and Translational Allergy, 2015, 5, P123.	3.2	0