BegoÃ‘a Ochoa

List of Publications by Year
in descending order

102 papers	2,284 citations	236925 25 h-index	243625 44 g-index
111 all docs	111 docs citations	111 times ranked	3412 citing authors

#	Article	IF	Citations
1	Upregulated phospholipase D2 expression and activity is related to the metastatic properties of melanoma. Oncology Letters, 2022, 23, 140.	1.8	2
2	Tissues & Organs | Biochemistry of Liver Regeneration. , 2021, , 437-443.		0
3	High-Resolution Human Kidney Molecular Histology by Imaging Mass Spectrometry of Lipids. Analytical Chemistry, 2021, 93, 9364-9372.	6.5	15
4	A UHPLC-Mass Spectrometry View of Human Melanocytic Cells Uncovers Potential Lipid Biomarkers of Melanoma. International Journal of Molecular Sciences, 2021, 22, 12061.	4.1	3
5	Influence of Lipid Fragmentation in the Data Analysis of Imaging Mass Spectrometry Experiments. Journal of the American Society for Mass Spectrometry, 2020, 31, 517-526.	2.8	21
6	Molecular and cellular insights into the role of SND1 in lipid metabolism. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158589.	2.4	9
7	Lipidomic data uncover extensive heterogeneity in phosphatidylcholine structural variants in HepG2 cells. Data in Brief, 2019, 27, 104608.	1.0	2
8	Imaging Mass Spectrometryâ€"Based Lipidomic Approach to Classification of Architectural FeaturesÂin Nevi. Journal of Investigative Dermatology, 2019, 139, 2055-2058.e7.	0.7	6
9	Isopropanol extraction for cerebrospinal fluid lipidomic profiling analysis. Talanta, 2019, 195, 619-627.	5.5	16
10	A simple and reproducible method for quantification of human tear lipids with ultrahigh-performance liquid chromatography-mass spectrometry. Molecular Vision, 2019, 25, 934-948.	1.1	4
11	Insights Into SND1 Oncogene Promoter Regulation. Frontiers in Oncology, 2018, 8, 606.	2.8	27
12	Mapping Lipid Distribution in Rat Sciatic Nerve Using Imaging Mass Spectrometry. Methods in Molecular Biology, 2018, 1791, 51-65.	0.9	5
13	Influence of the Cation Adducts in the Analysis of Matrix-Assisted Laser Desorption Ionization Imaging Mass Spectrometry Data from Injury Models of Rat Spinal Cord. Analytical Chemistry, 2017, 89, 8565-8573.	6.5	11
14	Adenosine: Direct and Indirect Actions on Gastric Acid Secretion. Frontiers in Physiology, 2017, 8, 737.	2.8	13
15	Expression of Adenosine A2B Receptor and Adenosine Deaminase in Rabbit Gastric Mucosa ECL Cells. Molecules, 2017, 22, 625.	3.8	8
16	SREBP-2-driven transcriptional activation of human SND1 oncogene. Oncotarget, 2017, 8, 108181-108194.	1.8	16
17	Deciphering the Lipid Architecture of the Rat Sciatic Nerve Using Imaging Mass Spectrometry. ACS Chemical Neuroscience, 2016, 7, 624-632.	3.5	27
18	Profiling of promoter occupancy by the SND1 transcriptional coactivator identifies downstream glycerolipid metabolic genes involved in TNFÎ± response in human hepatoma cells. Nucleic Acids Research, 2015, 43, 10673-10688.	14.5	27

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19	Stimulation of gastric acid secretion by rabbit parietal cell A_{2B}adenosine receptor activation. American Journal of Physiology - Cell Physiology, 2015, 309, C823-C834.	4.6	7
20	The A2B adenosine receptor colocalizes with adenosine deaminase in resting parietal cells from gastric mucosa. Biochemistry (Moscow), 2015, 80, 120-125.	1.5	11
21	The promoter of cell growth- and RNA protection-associated SND1 gene is activated by endoplasmic reticulum stress in human hepatoma cells. BMC Biochemistry, 2014, 15, 25.	4.4	12
22	Basolateral expression of GRP94 in parietal cells of gastric mucosa. Biochemistry (Moscow), 2014, 79, 8-15.	1.5	6
23	Synaptotagmin 11 interacts with components of the RNAâ€induced silencing complex RISC in clonal pancreatic Î²â€cells. FEBS Letters, 2014, 588, 2217-2222.	2.8	19
24	TWEAK/Fn14 Signaling Is Required for Liver Regeneration after Partial Hepatectomy in Mice. PLoS ONE, 2014, 9, e83987.	2.5	58
25	The E2F2 Transcription Factor Sustains Hepatic Glycerophospholipid Homeostasis in Mice. PLoS ONE, 2014, 9, e112620.	2.5	9
26	Infection of primary hepatocytes with adenoviral vectors alters biliary lipid metabolism. Journal of Physiological Sciences, 2013, 63, 225-229.	2.1	0
27	NF-ÎºB, Sp1 and NF-Y as transcriptional regulators of human SND1 gene. Biochimie, 2013, 95, 735-742.	2.6	20
28	Involvement of lipid droplets in hepatic responses to lipopolysaccharide treatment in mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 1357-1367.	2.4	14
29	Biphasic adaptative responses in VLDL metabolism and lipoprotein homeostasis during Gram-negative endotoxemia. Innate Immunity, 2012, 18, 89-99.	2.4	11
30	High insulin levels are required for FAT/CD36 plasma membrane translocation and enhanced fatty acid uptake in obese Zucker rat hepatocytes. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E504-E514.	3.5	38
31	Matrix-assisted laser desorption ionization imaging mass spectrometry in lipidomics. Analytical and Bioanalytical Chemistry, 2011, 401, 29-51.	3.7	80
32	Distribution of lipids in human brain. Analytical and Bioanalytical Chemistry, 2011, 401, 89-101.	3.7	52
33	Anatomical Distribution of Lipids in Human Brain Cortex by Imaging Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2011, 22, 329-338.	2.8	44
34	High fat diet-induced non alcoholic fatty liver disease in rats is associated with hyperhomocysteinemia caused by down regulation of the transsulphuration pathway. Lipids in Health and Disease, 2011, 10, 60.	3.0	69
35	Methionine adenosyltransferase 1A gene deletion disrupts hepatic very low-density lipoprotein assembly in mice. Hepatology, 2011, 54, 1975-1986.	7.3	81
36	A role for transcription factor E2F2 in hepatocyte proliferation and timely liver regeneration. American Journal of Physiology - Renal Physiology, 2011, 301, G20-G31.	3.4	39

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37	Hepatic fatty acid translocase CD36 upregulation is associated with insulin resistance, hyperinsulinaemia and increased steatosis in non-alcoholic steatohepatitis and chronic hepatitis C. Gut, 2011, 60, 1394-1402.	12.1	341
38	Association of SND1 protein to low density lipid droplets in liver steatosis. Journal of Physiology and Biochemistry, 2010, 66, 73-83.	3.0	22
39	Lipid Analysis Reveals Quiescent and Regenerating Liverâ€Specific Populations of Lipid Droplets. Lipids, 2010, 45, 1101-1108.	1.7	25
40	Hedgehog signaling is critical for normal liver regeneration after partial hepatectomy in mice. Hepatology, 2010, 51, 1712-1723.	7.3	173
41	Anatomical distribution of lipid species in rodent brain using imaging mass spectrometry. Chemistry and Physics of Lipids, 2010, 163, S21.	3.2	0
42	Altered hepatic lipid and apoB homeostasis is related to ER-stress gene downregulation leading to caspase-12 inhibition during NAFLD in MAT1A-KO mice. Chemistry and Physics of Lipids, 2010, 163, S61.	3.2	0
43	Impaired VLDL secretion and metabolism are related to non-alcoholic steatohepatitis in glycine N-methyltransferase deficient mice. Chemistry and Physics of Lipids, 2010, 163, S65.	3.2	0
44	A subset of dysregulated metabolic and survival genes is associated with severity of hepatic steatosis in obese Zucker rats. Journal of Lipid Research, 2010, 51, 500-513.	4.2	62
45	Hepatic VLDL assembly is disturbed in a rat model of nonalcoholic fatty liver disease: is there a role for dietary coenzyme Q?. Journal of Applied Physiology, 2009, 107, 707-717.	2.5	27
46	Interleukin-6 is associated with liver lipid homeostasis but not with cell death in experimental hepatic steatosis. Innate Immunity, 2009, 15, 337-349.	2.4	10
47	Profiling and Imaging of Lipids on Brain and Liver Tissue by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Using 2-Mercaptobenzothiazole as a Matrix. Analytical Chemistry, 2008, 80, 9105-9114.	6.5	126
48	Kupffer cell products and interleukin 1? directly promote VLDL secretion and apoB mRNA up-regulation in rodent hepatocytes. Innate Immunity, 2008, 14, 255-266.	2.4	27
49	NF-Y and Sp1 are involved in transcriptional regulation of rat SND p102 gene. Biochemical and Biophysical Research Communications, 2007, 356, 226-232.	2.1	12
50	PO1-14 ADENOVIRAL INFECTION LEADS HEPATOCYTES TO REDUCE THE SECRETION OF THE MAJOR VLDL AND HDL COMPONENTS. Atherosclerosis Supplements, 2007, 8, 22.	1.2	0
51	Upregulation of Apolipoprotein B Secretion, but Not Lipid, by Tumor Necrosis Factor-Â in Rat Hepatocyte Cultures in the Absence of Extracellular Fatty Acids. Annals of the New York Academy of Sciences, 2007, 1096, 55-69.	3.8	12
52	The 2-series prostaglandins suppress VLDL secretion in an inflammatory condition-dependent manner in primary rat hepatocytes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 160-171.	2.4	38
53	Overexpression of SND p102, a rat homologue of p100 coactivator, promotes the secretion of lipoprotein phospholipids in primary hepatocytes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 698-708.	2.4	33
54	Isolation and Characterization of the Rat SND p102 Gene Promoter. Annals of the New York Academy of Sciences, 2006, 1091, 282-295.	3.8	9

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55	Impaired response of VLDL lipid and apoB secretion to endotoxin in the fasted rat liver. Journal of Endotoxin Research, 2006, 12, 181-192.	2.5	15
56	Endotoxin promotes preferential periportal upregulation of VLDL secretion in the rat liver. Journal of Lipid Research, 2005, 46, 1017-1026.	4.2	33
57	Differential modulation of prostaglandin receptor mRNA abundance by prostaglandins in primary cultured rat hepatocytes. Molecular and Cellular Biochemistry, 2004, 266, 183-189.	3.1	11
58	The fatty acid composition of chylomicron remnants influences their propensity to oxidate. Nutrition, Metabolism and Cardiovascular Diseases, 2004, 14, 241-247.	2.6	8
59	Influence of the fatty acid composition of lipids in chylomicron remnants derived from fish or corn oil on the lipid profile of cultured rat hepatocytes. Journal of Physiology and Biochemistry, 2003, 59, 85-100.	3.0	3
60	Dual action of neutral sphingomyelinase on rat hepatocytes: Activation of cholesteryl ester metabolism and biliary cholesterol secretion and inhibition of VLDL secretion. Lipids, 2003, 38, 53-63.	1.7	2
61	Structural Insights into the Lipase/esterase Behavior in the Candida rugosa Lipases Family: Crystal Structure of the Lipase 2 Isoenzyme at 1.97Ã... Resolution. Journal of Molecular Biology, 2003, 332, 1059-1069.	4.2	95
62	The influence of chylomicron remnants on cholesteryl ester metabolism in cultured rat hepatocytes: comparison of the effects of particles enriched in n-3 or n-6 polyunsaturated fatty acids. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2001, 1534, 96-109.	2.4	7
63	Lipid and fatty acid composition of canine lipoproteins. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 128, 719-729.	1.6	45
64	Comparison of two methods for radioiodination on the oxidizability properties of low density lipoprotein. Journal of Physiology and Biochemistry, 2001, 57, 291-301.	3.0	2
65	Immunolocalization of a novel cholesteryl ester hydrolase in the endoplasmic reticulum of murine and human hepatocytes. Hepatology, 2001, 33, 662-667.	7.3	11
66	Alterations in erythrocyte membrane lipid and fatty acid composition in Chediakâ€"Higashi Syndrome. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2000, 1502, 380-390.	3.8	7
67	Short- and long-term effects of atorvastatin, lovastatin and simvastatin on the cellular metabolism of cholesteryl esters and VLDL secretion in rat hepatocytes. Atherosclerosis, 2000, 153, 283-294.	0.8	51
68	Hepatic zonation of the formation and hydrolysis of cholestery esters in periportal and perivenous parenchymal cells. Lipids, 1999, 34, 907-913.	1.7	11
69	Purification and properties of a cholesteryl ester hydrolase from rat liver microsomes. Journal of Lipid Research, 1999, 40, 715-725.	4.2	28
70	98 The formation and secretion of cholesteryl esters in rat hepatocytes are reduced by lovastatin and simvastatin. Biochemical Society Transactions, 1998, 26, S82-S82.	3.4	0
71	The okadaic acid induced ACAT activation is prevented by a specific inhibitor of the Ca2+/Calmodulin protein kinase II. Biochemical Society Transactions, 1998, 26, S231-S231.	3.4	0
72	Solubilization of a cholesterol ester hydrolase activity from rat liver microsomes. Biochemical Society Transactions, 1997, 25, 513S-513S.	3.4	1

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73	Protein phosphatase 1 and 2A inhibitors activate acylâ€"CoA:cholesterol acyltransferase and cholesterol ester formation in isolated rat hepatocytes. Lipids and Lipid Metabolism, 1997, 1349, 233-241.	2.6	8
74	Comparison of the effects of cyclic AMP analogues on cholesterol metabolism in cultured rat and hamster hepatocytes. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1996, 113, 185-191.	1.6	0
75	Role of adenine nucleotides in the activation of microsomal cholesterol ester hydrolase by fructose or adenosine in rat hepatocytes. Biochimie, 1996, 78, 26-32.	2.6	3
76	The Integrity of Thiol Groups Is Essential for Catalytic Efficiency of Rat Liver Cholesterol Ester Hydrolase either in Microsomal Membranes or after Solubilization. Enzyme & Protein, 1996, 49, 281-290.	1.4	5
77	Stimulation of microsomal cholesterol ester hydrolase by glucagon, cyclic AMP analogues, and vasopressin in isolated rat hepatocytes. Lipids, 1996, 31, 269-276.	1.7	4
78	Application of 2-hydroxypropyl-Î²-cyclodextrin in the assay of acyl-CoA: cholesterol acyltransferase and neutral and acid cholesterol ester hydrolases. Lipids, 1996, 31, 323-329.	1.7	15
79	Regulation of bile acid synthesis by estradiol and progesterone in primary cultures of rat hepatocytes. Experimental and Clinical Endocrinology and Diabetes, 1996, 104, 137-144.	1.2	17
80	The effect of okadaic acid and calyculin A on cholesterol esterification in rat hepatocytes. Biochemical Society Transactions, 1995, 23, 580S-580S.	3.4	0
81	Inhibition of microsomal cholesterol ester hydrolase by okadaic acid in isolated rat hepatocytes. Lipids and Lipid Metabolism, 1995, 1258, 90-94.	2.6	2
82	Regulation of rat liver microsomal cholesterol ester hydrolase by reversible phosphorylation. Lipids, 1994, 29, 7-13.	1.7	8
83	Effect of estradiol and progesterone on cholesterol 7Î±-hydroxylase activity in rats subjected to different feeding conditions. Steroids, 1994, 59, 528-535.	1.8	15
84	Feeding Status-Related Effects of 17ÃŸ-Estradiol on Liver 3-hydroxy-3-methylglutaryl CoA Reductase. Experimental and Clinical Endocrinology and Diabetes, 1993, 101, 123-130.	1.2	2
85	The effect of cyclic AMP analogues on cholesterol metabolism in cultured rat hepatocytes. Biochemical Society Transactions, 1993, 21, 458S-458S.	3.4	2
86	Cholesteryl Ester Synthesis and Hydrolysis in the Rat Mammary Gland during Pregnancy and Lactation1. Journal of Biochemistry, 1993, 114, 415-420.	1.7	6
87	Diurnal variations of rat liver enzymes catalyzing cholesterol ester hydrolysis. Lipids and Lipid Metabolism, 1991, 1085, 106-111.	2.6	14
88	Glueagon-and Dibutyrul Cyclic AMP-Produced Inhibition of Cholesterol Ester Hydrolase in Isolated Rat Hepatocytes: Role of Calcium1. Journal of Biochemistry, 1990, 107, 476-479.	1.7	20
89	Cholesterol Ester Cycle in Rat Liver: Effects of Estradiol and Progesterone. Experimental and Clinical Endocrinology and Diabetes, 1990, 95, 181-191.	1.2	11
90	Regulation of cholesteryl ester metabolism in the hamster liver. Lipids and Lipid Metabolism, 1990, 1044, 133-138.	2.6	26

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91	Effect of oestradiol and progesterone on bile acid synthesis in isolated rat hepatocytes. Biochemical Society Transactions, 1989, 17, 884-885.	3.4	2
92	Estradiol-produced modifications on the response to glucose of hepatocytes from fasted rats. Biochemical Medicine and Metabolic Biology, 1988, 40, 197-203.	0.7	6
93	Cholesterol Ester Hydrolysis in Isolated Rat Liver Cells. Effect of Estradiol, Dibutyryl Cyclic AMP and Free Fatty Acids. Hormone and Metabolic Research, 1988, 20, 82-85.	1.5	8
94	Receptor-mediated endocytosis in steroid hormone-producing tissue. Biochemical Society Transactions, 1987, 15, 192-194.	3.4	2
95	Kinetic properties and solubilization of microsomal cholesterol ester hydrolase from rat liver. Steroids, 1987, 49, 403-417.	1.8	9
96	Short-term metabolism of cholesteryl ester from low-density lipoprotein in primary monolayers of bovine adrenal cortical cells. Lipids and Lipid Metabolism, 1987, 918, 159-167.	2.6	6
97	Topological studies on rat liver microsomal cholesterol ester hydrolase. Biochemical and Biophysical Research Communications, 1987, 146, 1212-1217.	2.1	14
98	Cholesteryl ester hydrolysis in rat liver lysosomes: Different response to female sex hormones. Biochemical Medicine and Metabolic Biology, 1986, 36, 14-24.	0.7	3
99	Effect of Sex, Ovariectomy and Female Sex Hormones on Neutral Cholesterol Ester Hydrolase in Rat Liver. Experimental and Clinical Endocrinology and Diabetes, 1984, 84, 262-270.	1.2	8
100	Cholesteryl ester hydrolysis in rat liver cytosol. Modulation by female sex hormones. Lipids, 1984, 19, 916-922.	1.7	17
101	Influence of progesterone on the initial rate of cholesterol esterification in rat plasma. Steroids, 1982, 39, 221-230.	1.8	2
102	Effect of polyestradiol on lecithin:cholesterol acyltransferase in male and female rats. Lipids, 1981, 16, 449-453.	1.7	7