

# Begoña Ochoa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3152282/publications.pdf>

Version: 2024-02-01

102  
papers

2,284  
citations

236612

25  
h-index

243296

44  
g-index

111  
all docs

111  
docs citations

111  
times ranked

3412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepatic fatty acid translocase CD36 upregulation is associated with insulin resistance, hyperinsulinaemia and increased steatosis in non-alcoholic steatohepatitis and chronic hepatitis C. <i>Gut</i> , 2011, 60, 1394-1402.	6.1	341
2	Hedgehog signaling is critical for normal liver regeneration after partial hepatectomy in mice. <i>Hepatology</i> , 2010, 51, 1712-1723.	3.6	173
3	Profiling and Imaging of Lipids on Brain and Liver Tissue by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Using 2-Mercaptobenzothiazole as a Matrix. <i>Analytical Chemistry</i> , 2008, 80, 9105-9114.	3.2	126
4	Structural Insights into the Lipase/esterase Behavior in the <i>Candida rugosa</i> Lipases Family: Crystal Structure of the Lipase 2 Isoenzyme at 1.97Å... Resolution. <i>Journal of Molecular Biology</i> , 2003, 332, 1059-1069.	2.0	95
5	Methionine adenosyltransferase 1A gene deletion disrupts hepatic very low-density lipoprotein assembly in mice. <i>Hepatology</i> , 2011, 54, 1975-1986.	3.6	81
6	Matrix-assisted laser desorption ionization imaging mass spectrometry in lipidomics. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 29-51.	1.9	80
7	High fat diet-induced non alcoholic fatty liver disease in rats is associated with hyperhomocysteinemia caused by down regulation of the transsulphuration pathway. <i>Lipids in Health and Disease</i> , 2011, 10, 60.	1.2	69
8	A subset of dysregulated metabolic and survival genes is associated with severity of hepatic steatosis in obese Zucker rats. <i>Journal of Lipid Research</i> , 2010, 51, 500-513.	2.0	62
9	TWEAK/Fn14 Signaling Is Required for Liver Regeneration after Partial Hepatectomy in Mice. <i>PLoS ONE</i> , 2014, 9, e83987.	1.1	58
10	Distribution of lipids in human brain. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 89-101.	1.9	52
11	Short- and long-term effects of atorvastatin, lovastatin and simvastatin on the cellular metabolism of cholesteryl esters and VLDL secretion in rat hepatocytes. <i>Atherosclerosis</i> , 2000, 153, 283-294.	0.4	51
12	Lipid and fatty acid composition of canine lipoproteins. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 128, 719-729.	0.7	45
13	Anatomical Distribution of Lipids in Human Brain Cortex by Imaging Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 329-338.	1.2	44
14	A role for transcription factor E2F2 in hepatocyte proliferation and timely liver regeneration. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G20-G31.	1.6	39
15	The 2-series prostaglandins suppress VLDL secretion in an inflammatory condition-dependent manner in primary rat hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006, 1761, 160-171.	1.2	38
16	High insulin levels are required for FAT/CD36 plasma membrane translocation and enhanced fatty acid uptake in obese Zucker rat hepatocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E504-E514.	1.8	38
17	Endotoxin promotes preferential periportal upregulation of VLDL secretion in the rat liver. <i>Journal of Lipid Research</i> , 2005, 46, 1017-1026.	2.0	33
18	Overexpression of SND p102, a rat homologue of p100 coactivator, promotes the secretion of lipoprotein phospholipids in primary hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006, 1761, 698-708.	1.2	33

#	ARTICLE	IF	CITATIONS
19	Purification and properties of a cholesteryl ester hydrolase from rat liver microsomes. <i>Journal of Lipid Research</i> , 1999, 40, 715-725.	2.0	28
20	Kupffer cell products and interleukin 1 $\beta$ directly promote VLDL secretion and apoB mRNA up-regulation in rodent hepatocytes. <i>Innate Immunity</i> , 2008, 14, 255-266.	1.1	27
21	Hepatic VLDL assembly is disturbed in a rat model of nonalcoholic fatty liver disease: is there a role for dietary coenzyme Q?. <i>Journal of Applied Physiology</i> , 2009, 107, 707-717.	1.2	27
22	Profiling of promoter occupancy by the SND1 transcriptional coactivator identifies downstream glycerolipid metabolic genes involved in TNF $\alpha$ response in human hepatoma cells. <i>Nucleic Acids Research</i> , 2015, 43, 10673-10688.	6.5	27
23	Deciphering the Lipid Architecture of the Rat Sciatic Nerve Using Imaging Mass Spectrometry. <i>ACS Chemical Neuroscience</i> , 2016, 7, 624-632.	1.7	27
24	Insights Into SND1 Oncogene Promoter Regulation. <i>Frontiers in Oncology</i> , 2018, 8, 606.	1.3	27
25	Regulation of cholesteryl ester metabolism in the hamster liver. <i>Lipids and Lipid Metabolism</i> , 1990, 1044, 133-138.	2.6	26
26	Lipid Analysis Reveals Quiescent and Regenerating Liver-Specific Populations of Lipid Droplets. <i>Lipids</i> , 2010, 45, 1101-1108.	0.7	25
27	Association of SND1 protein to low density lipid droplets in liver steatosis. <i>Journal of Physiology and Biochemistry</i> , 2010, 66, 73-83.	1.3	22
28	Influence of Lipid Fragmentation in the Data Analysis of Imaging Mass Spectrometry Experiments. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 517-526.	1.2	21
29	Glucagon-and Dibutyryl Cyclic AMP-Produced Inhibition of Cholesterol Ester Hydrolase in Isolated Rat Hepatocytes: Role of Calcium <sup>2+</sup> . <i>Journal of Biochemistry</i> , 1990, 107, 476-479.	0.9	20
30	NF- $\kappa$ B, Sp1 and NF-Y as transcriptional regulators of human SND1 gene. <i>Biochimie</i> , 2013, 95, 735-742.	1.3	20
31	Synaptotagmin 11 interacts with components of the RNA-induced silencing complex RISC in clonal pancreatic $\beta$ cells. <i>FEBS Letters</i> , 2014, 588, 2217-2222.	1.3	19
32	Cholesteryl ester hydrolysis in rat liver cytosol. Modulation by female sex hormones. <i>Lipids</i> , 1984, 19, 916-922.	0.7	17
33	Regulation of bile acid synthesis by estradiol and progesterone in primary cultures of rat hepatocytes. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1996, 104, 137-144.	0.6	17
34	Isopropanol extraction for cerebrospinal fluid lipidomic profiling analysis. <i>Talanta</i> , 2019, 195, 619-627.	2.9	16
35	SREBP-2-driven transcriptional activation of human SND1 oncogene. <i>Oncotarget</i> , 2017, 8, 108181-108194.	0.8	16
36	Effect of estradiol and progesterone on cholesterol 7 $\alpha$ -hydroxylase activity in rats subjected to different feeding conditions. <i>Steroids</i> , 1994, 59, 528-535.	0.8	15

#	ARTICLE	IF	CITATIONS
37	Application of 2-hydroxypropyl- $\beta$ -cyclodextrin in the assay of acyl-CoA: cholesterol acyltransferase and neutral and acid cholesterol ester hydrolases. <i>Lipids</i> , 1996, 31, 323-329.	0.7	15
38	Impaired response of VLDL lipid and apoB secretion to endotoxin in the fasted rat liver. <i>Journal of Endotoxin Research</i> , 2006, 12, 181-192.	2.5	15
39	High-Resolution Human Kidney Molecular Histology by Imaging Mass Spectrometry of Lipids. <i>Analytical Chemistry</i> , 2021, 93, 9364-9372.	3.2	15
40	Topological studies on rat liver microsomal cholesterol ester hydrolase. <i>Biochemical and Biophysical Research Communications</i> , 1987, 146, 1212-1217.	1.0	14
41	Diurnal variations of rat liver enzymes catalyzing cholesterol ester hydrolysis. <i>Lipids and Lipid Metabolism</i> , 1991, 1085, 106-111.	2.6	14
42	Involvement of lipid droplets in hepatic responses to lipopolysaccharide treatment in mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 1357-1367.	1.2	14
43	Adenosine: Direct and Indirect Actions on Gastric Acid Secretion. <i>Frontiers in Physiology</i> , 2017, 8, 737.	1.3	13
44	NF-Y and Sp1 are involved in transcriptional regulation of rat SND p102 gene. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 226-232.	1.0	12
45	Upregulation of Apolipoprotein B Secretion, but Not Lipid, by Tumor Necrosis Factor- $\alpha$ in Rat Hepatocyte Cultures in the Absence of Extracellular Fatty Acids. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 55-69.	1.8	12
46	The promoter of cell growth- and RNA protection-associated SND1 gene is activated by endoplasmic reticulum stress in human hepatoma cells. <i>BMC Biochemistry</i> , 2014, 15, 25.	4.4	12
47	Cholesterol Ester Cycle in Rat Liver: Effects of Estradiol and Progesterone. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1990, 95, 181-191.	0.6	11
48	Hepatic zonation of the formation and hydrolysis of cholestery esters in periportal and perivenous parenchymal cells. <i>Lipids</i> , 1999, 34, 907-913.	0.7	11
49	Immunolocalization of a novel cholesteryl ester hydrolase in the endoplasmic reticulum of murine and human hepatocytes. <i>Hepatology</i> , 2001, 33, 662-667.	3.6	11
50	Differential modulation of prostaglandin receptor mRNA abundance by prostaglandins in primary cultured rat hepatocytes. <i>Molecular and Cellular Biochemistry</i> , 2004, 266, 183-189.	1.4	11
51	Biphasic adaptative responses in VLDL metabolism and lipoprotein homeostasis during Gram-negative endotoxemia. <i>Innate Immunity</i> , 2012, 18, 89-99.	1.1	11
52	The A2B adenosine receptor colocalizes with adenosine deaminase in resting parietal cells from gastric mucosa. <i>Biochemistry (Moscow)</i> , 2015, 80, 120-125.	0.7	11
53	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. <i>Analytical Chemistry</i> , 2017, 89, 8565-8573.	3.2	11
54	Interleukin-6 is associated with liver lipid homeostasis but not with cell death in experimental hepatic steatosis. <i>Innate Immunity</i> , 2009, 15, 337-349.	1.1	10

#	ARTICLE	IF	CITATIONS
55	Kinetic properties and solubilization of microsomal cholesterol ester hydrolase from rat liver. <i>Steroids</i> , 1987, 49, 403-417.	0.8	9
56	Isolation and Characterization of the Rat SND p102 Gene Promoter. <i>Annals of the New York Academy of Sciences</i> , 2006, 1091, 282-295.	1.8	9
57	Molecular and cellular insights into the role of SND1 in lipid metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158589.	1.2	9
58	The E2F2 Transcription Factor Sustains Hepatic Glycerophospholipid Homeostasis in Mice. <i>PLoS ONE</i> , 2014, 9, e112620.	1.1	9
59	Effect of Sex, Ovariectomy and Female Sex Hormones on Neutral Cholesterol Ester Hydrolase in Rat Liver. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1984, 84, 262-270.	0.6	8
60	Cholesterol Ester Hydrolysis in Isolated Rat Liver Cells. Effect of Estradiol, Dibutyryl Cyclic AMP and Free Fatty Acids. <i>Hormone and Metabolic Research</i> , 1988, 20, 82-85.	0.7	8
61	Regulation of rat liver microsomal cholesterol ester hydrolase by reversible phosphorylation. <i>Lipids</i> , 1994, 29, 7-13.	0.7	8
62	Protein phosphatase 1 and 2A inhibitors activate acyl-CoA:cholesterol acyltransferase and cholesterol ester formation in isolated rat hepatocytes. <i>Lipids and Lipid Metabolism</i> , 1997, 1349, 233-241.	2.6	8
63	The fatty acid composition of chylomicron remnants influences their propensity to oxidate. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2004, 14, 241-247.	1.1	8
64	Expression of Adenosine A2B Receptor and Adenosine Deaminase in Rabbit Gastric Mucosa ECL Cells. <i>Molecules</i> , 2017, 22, 625.	1.7	8
65	Effect of polyestradiol on lecithin:cholesterol acyltransferase in male and female rats. <i>Lipids</i> , 1981, 16, 449-453.	0.7	7
66	Alterations in erythrocyte membrane lipid and fatty acid composition in Chediak-Higashi Syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2000, 1502, 380-390.	1.8	7
67	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. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2001, 1534, 96-109.	1.2	7
68	Stimulation of gastric acid secretion by rabbit parietal cell A <sub>2B</sub> adenosine receptor activation. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C823-C834.	2.1	7
69	Short-term metabolism of cholesteryl ester from low-density lipoprotein in primary monolayers of bovine adrenal cortical cells. <i>Lipids and Lipid Metabolism</i> , 1987, 918, 159-167.	2.6	6
70	Estradiol-produced modifications on the response to glucose of hepatocytes from fasted rats. <i>Biochemical Medicine and Metabolic Biology</i> , 1988, 40, 197-203.	0.7	6
71	Cholesteryl Ester Synthesis and Hydrolysis in the Rat Mammary Gland during Pregnancy and Lactation1. <i>Journal of Biochemistry</i> , 1993, 114, 415-420.	0.9	6
72	Basolateral expression of GRP94 in parietal cells of gastric mucosa. <i>Biochemistry (Moscow)</i> , 2014, 79, 8-15.	0.7	6

#	ARTICLE	IF	CITATIONS
73	Imaging Mass Spectrometry-Based Lipidomic Approach to Classification of Architectural Features. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2055-2058.e7.	0.3	6
74	The Integrity of Thiol Groups Is Essential for Catalytic Efficiency of Rat Liver Cholesterol Ester Hydrolase either in Microsomal Membranes or after Solubilization. <i>Enzyme &amp; Protein</i> , 1996, 49, 281-290.	1.6	5
75	Mapping Lipid Distribution in Rat Sciatic Nerve Using Imaging Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2018, 1791, 51-65.	0.4	5
76	Stimulation of microsomal cholesterol ester hydrolase by glucagon, cyclic AMP analogues, and vasopressin in isolated rat hepatocytes. <i>Lipids</i> , 1996, 31, 269-276.	0.7	4
77	A simple and reproducible method for quantification of human tear lipids with ultrahigh-performance liquid chromatography-mass spectrometry. <i>Molecular Vision</i> , 2019, 25, 934-948.	1.1	4
78	Cholesteryl ester hydrolysis in rat liver lysosomes: Different response to female sex hormones. <i>Biochemical Medicine and Metabolic Biology</i> , 1986, 36, 14-24.	0.7	3
79	Role of adenine nucleotides in the activation of microsomal cholesterol ester hydrolase by fructose or adenosine in rat hepatocytes. <i>Biochimie</i> , 1996, 78, 26-32.	1.3	3
80	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. <i>Journal of Physiology and Biochemistry</i> , 2003, 59, 85-100.	1.3	3
81	A UHPLC-Mass Spectrometry View of Human Melanocytic Cells Uncovers Potential Lipid Biomarkers of Melanoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12061.	1.8	3
82	Influence of progesterone on the initial rate of cholesterol esterification in rat plasma. <i>Steroids</i> , 1982, 39, 221-230.	0.8	2
83	Receptor-mediated endocytosis in steroid hormone-producing tissue. <i>Biochemical Society Transactions</i> , 1987, 15, 192-194.	1.6	2
84	Effect of oestradiol and progesterone on bile acid synthesis in isolated rat hepatocytes. <i>Biochemical Society Transactions</i> , 1989, 17, 884-885.	1.6	2
85	Feeding Status-Related Effects of 17 $\beta$ -Estradiol on Liver 3-hydroxy-3-methylglutaryl CoA Reductase. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1993, 101, 123-130.	0.6	2
86	The effect of cyclic AMP analogues on cholesterol metabolism in cultured rat hepatocytes. <i>Biochemical Society Transactions</i> , 1993, 21, 458S-458S.	1.6	2
87	Inhibition of microsomal cholesterol ester hydrolase by okadaic acid in isolated rat hepatocytes. <i>Lipids and Lipid Metabolism</i> , 1995, 1258, 90-94.	2.6	2
88	Comparison of two methods for radioiodination on the oxidizability properties of low density lipoprotein. <i>Journal of Physiology and Biochemistry</i> , 2001, 57, 291-301.	1.3	2
89	Dual action of neutral sphingomyelinase on rat hepatocytes: Activation of cholesteryl ester metabolism and biliary cholesterol secretion and inhibition of VLDL secretion. <i>Lipids</i> , 2003, 38, 53-63.	0.7	2
90	Lipidomic data uncover extensive heterogeneity in phosphatidylcholine structural variants in HepG2 cells. <i>Data in Brief</i> , 2019, 27, 104608.	0.5	2

#	ARTICLE	IF	CITATIONS
91	Upregulated phospholipase D2 expression and activity is related to the metastatic properties of melanoma. <i>Oncology Letters</i> , 2022, 23, 140.	0.8	2
92	Solubilization of a cholesterol ester hydrolase activity from rat liver microsomes. <i>Biochemical Society Transactions</i> , 1997, 25, 513S-513S.	1.6	1
93	The effect of okadaic acid and calyculin A on cholesterol esterification in rat hepatocytes. <i>Biochemical Society Transactions</i> , 1995, 23, 580S-580S.	1.6	0
94	Comparison of the effects of cyclic AMP analogues on cholesterol metabolism in cultured rat and hamster hepatocytes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1996, 113, 185-191.	0.7	0
95	98 The formation and secretion of cholesteryl esters in rat hepatocytes are reduced by lovastatin and simvastatin. <i>Biochemical Society Transactions</i> , 1998, 26, S82-S82.	1.6	0
96	The okadaic acid induced ACAT activation is prevented by a specific inhibitor of the Ca <sup>2+</sup> /Calmodulin protein kinase II. <i>Biochemical Society Transactions</i> , 1998, 26, S231-S231.	1.6	0
97	PO1-14 ADENOVIRAL INFECTION LEADS HEPATOCYTES TO REDUCE THE SECRETION OF THE MAJOR VLDL AND HDL COMPONENTS. <i>Atherosclerosis Supplements</i> , 2007, 8, 22.	1.2	0
98	Anatomical distribution of lipid species in rodent brain using imaging mass spectrometry. <i>Chemistry and Physics of Lipids</i> , 2010, 163, S21.	1.5	0
99	Altered hepatic lipid and apoB homeostasis is related to ER-stress gene downregulation leading to caspase-12 inhibition during NAFLD in MAT1A-KO mice. <i>Chemistry and Physics of Lipids</i> , 2010, 163, S61.	1.5	0
100	Impaired VLDL secretion and metabolism are related to non-alcoholic steatohepatitis in glycine N-methyltransferase deficient mice. <i>Chemistry and Physics of Lipids</i> , 2010, 163, S65.	1.5	0
101	Infection of primary hepatocytes with adenoviral vectors alters biliary lipid metabolism. <i>Journal of Physiological Sciences</i> , 2013, 63, 225-229.	0.9	0
102	Tissues & Organs   <i>Biochemistry of Liver Regeneration.</i> , 2021, , 437-443.		0