Mara Dolores Surez Ortega

List of Publications by Year in Descending Order

65 papers	2,641 citations	26 h-index	51 g-index
65 ext. papers	2,889 ext. citations	4.8 avg, IF	4.34 L-index

#	Paper	IF	Citations
65	The small intestinal mucosa acts as a rutin reservoir to extend flavonoid anti-inflammatory activity in experimental ileitis and colitis. *Journal of Functional Foods*, **2015**, 13, 117-125	5.1	16
64	Intestinal anti-inflammatory activity of apigenin K in two rat colitis models induced by trinitrobenzenesulfonic acid and dextran sulphate sodium. *British Journal of Nutrition*, **2015**, 113, 618-26	3.6	39
63	Rutin has intestinal antiinflammatory effects in the CD4+ CD62L+ T cell transfer model of colitis. *Pharmacological Research*, **2014**, 90, 48-57	10.2	62
62	Active hexose correlated compound exerts therapeutic effects in lymphocyte driven colitis. *Molecular Nutrition and Food Research*, **2014**, 58, 2379-82	5.9	8
61	Validation of bovine glycomacropeptide as an intestinal anti-inflammatory nutraceutical in the lymphocyte-transfer model of colitis. *British Journal of Nutrition*, **2014**, 111, 1202-12	3.6	36
60	Prebiotic oligosaccharides directly modulate proinflammatory cytokine production in monocytes via activation of TLR4. *Molecular Nutrition and Food Research*, **2014**, 58, 1098-110	5.9	72
59	Nondigestible oligosaccharides exert nonprebiotic effects on intestinal epithelial cells enhancing the immune response via activation of TLR4-NFB. *Molecular Nutrition and Food Research*, **2014**, 58, 384-93	5.9	74
58	Active hexose-correlated compound and Bifidobacterium longum BB536 exert symbiotic effects in experimental colitis. *European Journal of Nutrition*, **2013**, 52, 457-66	5.2	13
57	Dose-dependent antiinflammatory effect of ursodeoxycholic acid in experimental colitis. *International Immunopharmacology*, **2013**, 15, 372-80	5.8	65
56	Exogenous alkaline phosphatase treatment complements endogenous enzyme protection in colonic inflammation and reduces bacterial translocation in rats. *Pharmacological Research*, **2012**, 66, 144-53	10.2	41
55	Effects of flavonoids and other polyphenols on inflammation. *Critical Reviews in Food Science and Nutrition*, **2011**, 51, 331-62	11.5	348
54	Intestinal inflammation and the enterocyte transportome. *Biochemical Society Transactions*, **2011**, 39, 1096-101	5.1	4
53	Tissue-nonspecific alkaline phosphatase is activated in enterocytes by oxidative stress via changes in glycosylation. *Inflammatory Bowel Diseases*, **2011**, 17, 543-56	4.5	40
52	Flavonoids exert distinct modulatory actions on cyclooxygenase 2 and NF-kappaB in an intestinal epithelial cell line (IEC18). *British Journal of Pharmacology*, **2010**, 160, 1714-26	8.6	31
51	It may not be intestinal, but tissue non-specific alkaline phosphatase. *Gut*, **2010**, 59, 560; author reply 560	19.2	4
50	Bovine glycomacropeptide has intestinal antiinflammatory effects in rats with dextran sulfate-induced colitis. *Journal of Nutrition*, **2010**, 140, 2014-9	4.1	45
49	New insights into the immunological effects of food bioactive peptides in animal models of intestinal inflammation. *Proceedings of the Nutrition Society*, **2010**, 69, 454-62	2.9	26

48	The intestinal antiinflammatory agent glycomacropeptide has immunomodulatory actions on rat splenocytes. *Biochemical Pharmacology*, **2010**, 79, 1797-804	6	33
47	Reversible Ponceau staining as a loading control alternative to actin in Western blots. *Analytical Biochemistry*, **2010**, 401, 318-20	3.1	541
46	Molecular bases of impaired water and ion movements in inflammatory bowel diseases. *Inflammatory Bowel Diseases*, **2009**, 15, 114-27	4.5	50
45	Bovine glycomacropeptide induces cytokine production in human monocytes through the stimulation of the MAPK and the NF-kappaB signal transduction pathways. *British Journal of Pharmacology*, **2009**, 157, 1232-40	8.6	50
44	Genomic analysis of sulfasalazine effect in experimental colitis is consistent primarily with the modulation of NF-kappaB but not PPAR-gamma signaling. *Pharmacogenetics and Genomics*, **2009**, 19, 363-72	1.9	7
43	Bovine glycomacropeptide ameliorates experimental rat ileitis by mechanisms involving downregulation of interleukin 17. *British Journal of Pharmacology*, **2008**, 154, 825-32	8.6	51
42	Disturbances in metabolic, transport and structural genes in experimental colonic inflammation in the rat: a longitudinal genomic analysis. *BMC Genomics*, **2008**, 9, 490	4.5	26
41	Effect of flavonoids on rat splenocytes, a structure-activity relationship study. *Biochemical Pharmacology*, **2008**, 76, 495-506	6	64
40	The bisphosphonate alendronate improves the damage associated with trinitrobenzenesulfonic acid-induced colitis in rats. *British Journal of Pharmacology*, **2007**, 151, 206-15	8.6	23
39	Contribution of polyunsaturated fatty acids to intestinal repair in protein-energy malnutrition. *Digestive Diseases and Sciences*, **2007**, 52, 1485-96	4	4
38	Goat milk oligosaccharides are anti-inflammatory in rats with hapten-induced colitis. *Journal of Nutrition*, **2006**, 136, 672-6	4.1	83
37	Bovine glycomacropeptide is anti-inflammatory in rats with hapten-induced colitis. *Journal of Nutrition*, **2005**, 135, 1164-70	4.1	68
36	AU-rich elements in the mRNA 3′-untranslated region of the rat receptor for advanced glycation end products and their relevance to mRNA stability. *Biochemical and Biophysical Research Communications*, **2004**, 319, 247-55	3.4	16
35	Modulation of glucose transporters in rat diaphragm by sodium tungstate. *FEBS Letters*, **2003**, 542, 84-8	3.8	20
34	Evidence in favor of a facilitated transport system for FA uptake in cultured L6 cells. *Lipids*, **2002**, 37, 273-83	1.6	2
33	Experimental ulcerative colitis impairs antioxidant defense system in rat intestine. *Digestive Diseases and Sciences*, **2000**, 45, 1820-7	4	107
32	Chronic diarrhea impairs intestinal antioxidant defense system in rats at weaning. *Digestive Diseases and Sciences*, **2000**, 45, 2044-50	4	17
31	Alterations in 3-hydroxy-3-methylglutaryl-CoA reductase mRNA concentration in cultured chick aortic smooth muscle cells. *Lipids*, **2000**, 35, 587-93	1.6	7

30	Dietary trans fatty acids affect docosahexaenoic acid concentrations in plasma and liver but not brain of pregnant and fetal rats. *Pediatric Research*, **2000**, 47, 278-83	3.2	40
29	Increased diaphragm expression of GLUT4 in control and streptozotocin-diabetic rats by fish oil-supplemented diets. *Lipids*, **1999**, 34, 801-7	1.6	15
28	Effects of dietary fatty acids on lipid metabolism in streptozotocin-induced diabetic rats. *Metabolism: Clinical and Experimental*, **1999**, 48, 455-60	12.7	19
27	Changes in plasma and colonic mucosa fatty acid profiles in rats with ulcerative colitis induced by trinitrobenzene sulfonic acid. *Digestive Diseases and Sciences*, **1998**, 43, 2688-95	4	15
26	Dietary monounsaturated n-3 and n-6 long-chain polyunsaturated fatty acids affect cellular antioxidant defense system in rats with experimental ulcerative colitis induced by trinitrobenzene sulfonic acid. *Digestive Diseases and Sciences*, **1998**, 43, 2676-87	4	56
25	Effect of dietary (n-9), (n-6) and (n-3) fatty acids on membrane lipid composition and morphology of rat erythrocytes. *Lipids and Lipid Metabolism*, **1998**, 1394, 65-73		32
24	Sequencing of two alternatively spliced mRNAs corresponding to the extracellular domain of the rat receptor for advanced glycosylation end products (RAGE). *Biochemical and Biophysical Research Communications*, **1998**, 251, 230-4	3.4	14
23	The effect of a formula supplemented with n-3 and n-6 long-chain polyunsaturated fatty acids on plasma phospholipid, liver microsomal, retinal, and brain fatty acid composition in neonatal piglets. *Journal of Nutritional Biochemistry*, **1997**, 8, 217-223	6.3	13
22	Age-related response of the small intestine to severe starvation and refeeding in rats. *Annals of Nutrition and Metabolism*, **1996**, 40, 351-8	4.5	9
21	Dietary restriction induces biochemical and morphometric changes in the small intestine of nursing piglets. *Journal of Nutrition*, **1996**, 126, 933-44	4.1	67
20	Effects of native and hydrolyzed whey protein on intestinal repair of severely starved rats at weaning. *Journal of Pediatric Gastroenterology and Nutrition*, **1996**, 22, 186-93	2.8	9
19	The short-term effect of dietary fats on the brain fatty acid composition in rats. *Archives of Physiology and Biochemistry*, **1995**, 103, 123-6	2.2	1
18	Influence of casein and casein hydrolysate diets on nutritional recovery of starved rats. *Journal of Parenteral and Enteral Nutrition*, **1995**, 19, 216-21	4.2	11
17	Effect of dietary nucleotides on the fatty acid composition of rat liver microsomes. *Archives Internationales De Physiologie, De Biochimie Et De Biophysique*, **1993**, 101, 123-8		3
16	Changes in fatty acid profiles of red blood cell membranes mediated by dietary nucleotides in weanling rats. *Journal of Pediatric Gastroenterology and Nutrition*, **1992**, 14, 293-9	2.8	14
15	Long-term effects of dietary monounsaturated and polyunsaturated fatty acids on the lipid composition of erythrocyte membranes in dogs. *Comparative Biochemistry and Physiology A, Comparative Physiology*, **1992**, 102, 197-201		10
14	Long-term effects of dietary monounsaturated and polyunsaturated fatty acids on plasma lipids in dogs. *Archives Internationales De Physiologie, De Biochimie Et De Biophysique*, **1992**, 100, 321-6		3
13	Changes in liver microsome lipids and plasma fatty acids induced by dietary orotate in the weanling rat. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1992**, 103, 65-9		

12	Effect of dietary nucleotides on intestinal repair in rats with experimental chronic diarrhea. *Journal of Parenteral and Enteral Nutrition*, **1990**, 14, 598-604	4.2	78
11	Changes in lipid composition and desaturase activities of duodenal mucosa induced by dietary fat. *Lipids and Lipid Metabolism*, **1990**, 1045, 69-73		24
10	Changes in lipid composition of liver microsomes and fatty acyl-CoA desaturase activities induced by medium chain triglyceride feeding. *Lipids*, **1989**, 24, 383-8	1.6	25
9	Lipid composition of liver microsomes in rats fed a high monounsaturated fatty acid diet. *Lipids and Lipid Metabolism*, **1988**, 962, 66-72		20
8	Further characterization of mevalonate metabolism in neonatal chick kidney. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1981**, 70, 219-223		1
7	Characterization of mevalonate-activating enzymes in the neonatal chick liver. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1978**, 61, 275-9		2
6	Metabolism of mevalonic acid to phosphorylated derivatives in Chlorella. *Biochemical and Biophysical Research Communications*, **1977**, 77, 974-80	3.4	1
5	Properties and partial purification of mevalonate kinase from Agave americana. *Phytochemistry*, **1977**, 16, 661-665	4	9
4	Mevalonate phosphorylation in the neonatal chick liver. *Biochemical and Biophysical Research Communications*, **1976**, 72, 202-8	3.4	17
3	Mevalonate kinase from Pinus pinaster seedlings. *Phytochemistry*, **1974**, 13, 1059-1063	4	8
2	Isolation of two fractions with mevalonate kinase activity from Pinus pinaster and Agave americana. *FEBS Letters*, **1973**, 30, 15-17	3.8	13
1	Mevalonate phosphorylation in agave americana. *Phytochemistry*, **1972**, 11, 2495-2498	4	19