

Mara Dolores Surez Ortega

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Reversible Ponceau staining as a loading control alternative to actin in Western blots. <i>Analytical Biochemistry</i> , 2010 , 401, 318-20	3.1	541
64	Effects of flavonoids and other polyphenols on inflammation. <i>Critical Reviews in Food Science and Nutrition</i> , 2011 , 51, 331-62	11.5	348
63	Experimental ulcerative colitis impairs antioxidant defense system in rat intestine. <i>Digestive Diseases and Sciences</i> , 2000 , 45, 1820-7	4	107
62	Goat milk oligosaccharides are anti-inflammatory in rats with hapten-induced colitis. <i>Journal of Nutrition</i> , 2006 , 136, 672-6	4.1	83
61	Effect of dietary nucleotides on intestinal repair in rats with experimental chronic diarrhea. <i>Journal of Parenteral and Enteral Nutrition</i> , 1990 , 14, 598-604	4.2	78
60	Nondigestible oligosaccharides exert nonprebiotic effects on intestinal epithelial cells enhancing the immune response via activation of TLR4-NFB. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 384-93	5.9	74
59	Prebiotic oligosaccharides directly modulate proinflammatory cytokine production in monocytes via activation of TLR4. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1098-110	5.9	72
58	Bovine glycomacropeptide is anti-inflammatory in rats with hapten-induced colitis. <i>Journal of Nutrition</i> , 2005 , 135, 1164-70	4.1	68
57	Dietary restriction induces biochemical and morphometric changes in the small intestine of nursing piglets. <i>Journal of Nutrition</i> , 1996 , 126, 933-44	4.1	67
56	Dose-dependent antiinflammatory effect of ursodeoxycholic acid in experimental colitis. <i>International Immunopharmacology</i> , 2013 , 15, 372-80	5.8	65
55	Effect of flavonoids on rat splenocytes, a structure-activity relationship study. <i>Biochemical Pharmacology</i> , 2008 , 76, 495-506	6	64
54	Rutin has intestinal antiinflammatory effects in the CD4+ CD62L+ T cell transfer model of colitis. <i>Pharmacological Research</i> , 2014 , 90, 48-57	10.2	62
53	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. <i>Digestive Diseases and Sciences</i> , 1998 , 43, 2676-87	4	56
52	Bovine glycomacropeptide ameliorates experimental rat ileitis by mechanisms involving downregulation of interleukin 17. <i>British Journal of Pharmacology</i> , 2008 , 154, 825-32	8.6	51
51	Molecular bases of impaired water and ion movements in inflammatory bowel diseases. <i>Inflammatory Bowel Diseases</i> , 2009 , 15, 114-27	4.5	50
50	Bovine glycomacropeptide induces cytokine production in human monocytes through the stimulation of the MAPK and the NF-kappaB signal transduction pathways. <i>British Journal of Pharmacology</i> , 2009 , 157, 1232-40	8.6	50
49	Bovine glycomacropeptide has intestinal antiinflammatory effects in rats with dextran sulfate-induced colitis. <i>Journal of Nutrition</i> , 2010 , 140, 2014-9	4.1	45

48	Exogenous alkaline phosphatase treatment complements endogenous enzyme protection in colonic inflammation and reduces bacterial translocation in rats. <i>Pharmacological Research</i> , 2012 , 66, 144-53	10.2	41
47	Tissue-nonspecific alkaline phosphatase is activated in enterocytes by oxidative stress via changes in glycosylation. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, 543-56	4.5	40
46	Dietary trans fatty acids affect docosahexaenoic acid concentrations in plasma and liver but not brain of pregnant and fetal rats. <i>Pediatric Research</i> , 2000 , 47, 278-83	3.2	40
45	Intestinal anti-inflammatory activity of apigenin K in two rat colitis models induced by trinitrobenzenesulfonic acid and dextran sulphate sodium. <i>British Journal of Nutrition</i> , 2015 , 113, 618-26 ^{3.6}	3.6	39
44	Validation of bovine glycomacropeptide as an intestinal anti-inflammatory nutraceutical in the lymphocyte-transfer model of colitis. <i>British Journal of Nutrition</i> , 2014 , 111, 1202-12	3.6	36
43	The intestinal antiinflammatory agent glycomacropeptide has immunomodulatory actions on rat splenocytes. <i>Biochemical Pharmacology</i> , 2010 , 79, 1797-804	6	33
42	Effect of dietary (n-9), (n-6) and (n-3) fatty acids on membrane lipid composition and morphology of rat erythrocytes. <i>Lipids and Lipid Metabolism</i> , 1998 , 1394, 65-73		32
41	Flavonoids exert distinct modulatory actions on cyclooxygenase 2 and NF-kappaB in an intestinal epithelial cell line (IEC18). <i>British Journal of Pharmacology</i> , 2010 , 160, 1714-26	8.6	31
40	New insights into the immunological effects of food bioactive peptides in animal models of intestinal inflammation. <i>Proceedings of the Nutrition Society</i> , 2010 , 69, 454-62	2.9	26
39	Disturbances in metabolic, transport and structural genes in experimental colonic inflammation in the rat: a longitudinal genomic analysis. <i>BMC Genomics</i> , 2008 , 9, 490	4.5	26
38	Changes in lipid composition of liver microsomes and fatty acyl-CoA desaturase activities induced by medium chain triglyceride feeding. <i>Lipids</i> , 1989 , 24, 383-8	1.6	25
37	Changes in lipid composition and desaturase activities of duodenal mucosa induced by dietary fat. <i>Lipids and Lipid Metabolism</i> , 1990 , 1045, 69-73		24
36	The bisphosphonate alendronate improves the damage associated with trinitrobenzenesulfonic acid-induced colitis in rats. <i>British Journal of Pharmacology</i> , 2007 , 151, 206-15	8.6	23
35	Modulation of glucose transporters in rat diaphragm by sodium tungstate. <i>FEBS Letters</i> , 2003 , 542, 84-8 ^{3.8}	3.8	20
34	Lipid composition of liver microsomes in rats fed a high monounsaturated fatty acid diet. <i>Lipids and Lipid Metabolism</i> , 1988 , 962, 66-72		20
33	Effects of dietary fatty acids on lipid metabolism in streptozotocin-induced diabetic rats. <i>Metabolism: Clinical and Experimental</i> , 1999 , 48, 455-60	12.7	19
32	Mevalonate phosphorylation in agave americana. <i>Phytochemistry</i> , 1972 , 11, 2495-2498	4	19
31	Chronic diarrhea impairs intestinal antioxidant defense system in rats at weaning. <i>Digestive Diseases and Sciences</i> , 2000 , 45, 2044-50	4	17

30	Mevalonate phosphorylation in the neonatal chick liver. <i>Biochemical and Biophysical Research Communications</i> , 1976 , 72, 202-8	3.4	17
29	The small intestinal mucosa acts as a rutin reservoir to extend flavonoid anti-inflammatory activity in experimental ileitis and colitis. <i>Journal of Functional Foods</i> , 2015 , 13, 117-125	5.1	16
28	AU-rich elements in the mRNA 3' untranslated region of the rat receptor for advanced glycation end products and their relevance to mRNA stability. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 319, 247-55	3.4	16
27	Changes in plasma and colonic mucosa fatty acid profiles in rats with ulcerative colitis induced by trinitrobenzene sulfonic acid. <i>Digestive Diseases and Sciences</i> , 1998 , 43, 2688-95	4	15
26	Increased diaphragm expression of GLUT4 in control and streptozotocin-diabetic rats by fish oil-supplemented diets. <i>Lipids</i> , 1999 , 34, 801-7	1.6	15
25	Sequencing of two alternatively spliced mRNAs corresponding to the extracellular domain of the rat receptor for advanced glycosylation end products (RAGE). <i>Biochemical and Biophysical Research Communications</i> , 1998 , 251, 230-4	3.4	14
24	Changes in fatty acid profiles of red blood cell membranes mediated by dietary nucleotides in weanling rats. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1992 , 14, 293-9	2.8	14
23	Active hexose-correlated compound and Bifidobacterium longum BB536 exert symbiotic effects in experimental colitis. <i>European Journal of Nutrition</i> , 2013 , 52, 457-66	5.2	13
22	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. <i>Journal of Nutritional Biochemistry</i> , 1997 , 8, 217-223	6.3	13
21	Isolation of two fractions with mevalonate kinase activity from Pinus pinaster and Agave americana. <i>FEBS Letters</i> , 1973 , 30, 15-17	3.8	13
20	Influence of casein and casein hydrolysate diets on nutritional recovery of starved rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 1995 , 19, 216-21	4.2	11
19	Long-term effects of dietary monounsaturated and polyunsaturated fatty acids on the lipid composition of erythrocyte membranes in dogs. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1992 , 102, 197-201		10
18	Age-related response of the small intestine to severe starvation and refeeding in rats. <i>Annals of Nutrition and Metabolism</i> , 1996 , 40, 351-8	4.5	9
17	Properties and partial purification of mevalonate kinase from Agave americana. <i>Phytochemistry</i> , 1977 , 16, 661-665	4	9
16	Effects of native and hydrolyzed whey protein on intestinal repair of severely starved rats at weaning. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1996 , 22, 186-93	2.8	9
15	Active hexose correlated compound exerts therapeutic effects in lymphocyte driven colitis. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 2379-82	5.9	8
14	Mevalonate kinase from Pinus pinaster seedlings. <i>Phytochemistry</i> , 1974 , 13, 1059-1063	4	8
13	Genomic analysis of sulfasalazine effect in experimental colitis is consistent primarily with the modulation of NF-kappaB but not PPAR-gamma signaling. <i>Pharmacogenetics and Genomics</i> , 2009 , 19, 363-72	1.9	7

12	Alterations in 3-hydroxy-3-methylglutaryl-CoA reductase mRNA concentration in cultured chick aortic smooth muscle cells. <i>Lipids</i> , 2000 , 35, 587-93	1.6	7
11	Intestinal inflammation and the enterocyte transportome. <i>Biochemical Society Transactions</i> , 2011 , 39, 1096-101	5.1	4
10	It may not be intestinal, but tissue non-specific alkaline phosphatase. <i>Gut</i> , 2010 , 59, 560; author reply 560	19.2	4
9	Contribution of polyunsaturated fatty acids to intestinal repair in protein-energy malnutrition. <i>Digestive Diseases and Sciences</i> , 2007 , 52, 1485-96	4	4
8	Effect of dietary nucleotides on the fatty acid composition of rat liver microsomes. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , 1993 , 101, 123-8		3
7	Long-term effects of dietary monounsaturated and polyunsaturated fatty acids on plasma lipids in dogs. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , 1992 , 100, 321-6		3
6	Evidence in favor of a facilitated transport system for FA uptake in cultured L6 cells. <i>Lipids</i> , 2002 , 37, 273-83	1.6	2
5	Characterization of mevalonate-activating enzymes in the neonatal chick liver. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1978 , 61, 275-9		2
4	The short-term effect of dietary fats on the brain fatty acid composition in rats. <i>Archives of Physiology and Biochemistry</i> , 1995 , 103, 123-6	2.2	1
3	Further characterization of mevalonate metabolism in neonatal chick kidney. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1981 , 70, 219-223		1
2	Metabolism of mevalonic acid to phosphorylated derivatives in <i>Chlorella</i> . <i>Biochemical and Biophysical Research Communications</i> , 1977 , 77, 974-80	3.4	1
1	Changes in liver microsome lipids and plasma fatty acids induced by dietary orotate in the weanling rat. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1992 , 103, 65-9		