

Jordi Xaus

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56
papers

5,994
citations

41
h-index

56
g-index

56
ext. papers

6,562
ext. citations

4.6
avg. IF

4.85
L-index

#	Paper	IF	Citations
56	Is meconium from healthy newborns actually sterile?. <i>Research in Microbiology</i> , 2008 , 159, 187-93	4	626
55	Human milk is a source of lactic acid bacteria for the infant gut. <i>Journal of Pediatrics</i> , 2003 , 143, 754-8	3.6	538
54	Isolation of commensal bacteria from umbilical cord blood of healthy neonates born by cesarean section. <i>Current Microbiology</i> , 2005 , 51, 270-4	2.4	460
53	In vivo quercitrin anti-inflammatory effect involves release of quercetin, which inhibits inflammation through down-regulation of the NF-kappaB pathway. <i>European Journal of Immunology</i> , 2005 , 35, 584-92	6.1	421
52	Inhibition of pro-inflammatory markers in primary bone marrow-derived mouse macrophages by naturally occurring flavonoids: analysis of the structure-activity relationship. <i>Biochemical Pharmacology</i> , 2006 , 72, 1010-21	6	307
51	LPS induces apoptosis in macrophages mostly through the autocrine production of TNF- α . <i>Blood</i> , 2000 , 95, 3823-3831	2.2	232
50	Oral intake of <i>Lactobacillus fermentum</i> CECT5716 enhances the effects of influenza vaccination. <i>Nutrition</i> , 2007 , 23, 254-60	4.8	190
49	Probiotic potential of 3 <i>Lactobacilli</i> strains isolated from breast milk. <i>Journal of Human Lactation</i> , 2005 , 21, 8-17; quiz 18-21, 41	2.6	188
48	The commensal microflora of human milk: new perspectives for food bacteriotherapy and probiotics. <i>Trends in Food Science and Technology</i> , 2004 , 15, 121-127	15.3	160
47	Interferon gamma induces the expression of p21 ^{waf-1} and arrests macrophage cell cycle, preventing induction of apoptosis. <i>Immunity</i> , 1999 , 11, 103-13	32.3	151
46	The effects of short-chain fatty acids on colon epithelial proliferation and survival depend on the cellular phenotype. <i>Journal of Cancer Research and Clinical Oncology</i> , 2006 , 132, 487-97	4.9	145
45	Dietary olive oil supplemented with fish oil, rich in EPA and DHA (n-3) polyunsaturated fatty acids, attenuates colonic inflammation in rats with DSS-induced colitis. <i>Journal of Nutrition</i> , 2005 , 135, 687-94	4.1	143
44	Oligosaccharides isolated from goat milk reduce intestinal inflammation in a rat model of dextran sodium sulfate-induced colitis. <i>Clinical Nutrition</i> , 2006 , 25, 477-88	5.9	133
43	A comparative study of the preventative effects exerted by two probiotics, <i>Lactobacillus reuteri</i> and <i>Lactobacillus fermentum</i> , in the trinitrobenzenesulfonic acid model of rat colitis. <i>British Journal of Nutrition</i> , 2007 , 97, 96-103	3.6	123
42	The differential time-course of extracellular-regulated kinase activity correlates with the macrophage response toward proliferation or activation. <i>Journal of Biological Chemistry</i> , 2000 , 275, 7403-9	5.4	103
41	<i>Lactobacillus fermentum</i> , a probiotic capable to release glutathione, prevents colonic inflammation in the TNBS model of rat colitis. <i>International Journal of Colorectal Disease</i> , 2006 , 21, 737-46	3	100
40	Decorin inhibits macrophage colony-stimulating factor proliferation of macrophages and enhances cell survival through induction of p27(Kip1) and p21(Waf1). <i>Blood</i> , 2001 , 98, 2124-33	2.2	98

39	Protein kinase C epsilon is required for the induction of mitogen-activated protein kinase phosphatase-1 in lipopolysaccharide-stimulated macrophages. <i>Journal of Immunology</i> , 2000 , 164, 29-37	5.3	97
38	Molecular mechanisms involved in macrophage survival, proliferation, activation or apoptosis. <i>Immunobiology</i> , 2001 , 204, 543-50	3.4	96
37	PKC epsilon is involved in JNK activation that mediates LPS-induced TNF-alpha, which induces apoptosis in macrophages. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 285, C1235-45	5.4	93
36	Immunosenescence of macrophages: reduced MHC class II gene expression. <i>Experimental Gerontology</i> , 2002 , 37, 389-94	4.5	92
35	Preventative effects of a probiotic, <i>Lactobacillus salivarius</i> ssp. <i>salivarius</i> , in the TNBS model of rat colitis. <i>World Journal of Gastroenterology</i> , 2005 , 11, 5185-92	5.6	89
34	Macrophages require different nucleoside transport systems for proliferation and activation. <i>FASEB Journal</i> , 2001 , 15, 1979-88	0.9	86
33	Intestinal and immunological effects of daily oral administration of <i>Lactobacillus salivarius</i> CECT5713 to healthy adults. <i>Anaerobe</i> , 2010 , 16, 195-200	2.8	75
32	Beneficial effects of probiotic bacteria isolated from breast milk. <i>British Journal of Nutrition</i> , 2007 , 98 Suppl 1, S96-100	3.6	75
31	Oral administration of two probiotic strains, <i>Lactobacillus gasseri</i> CECT5714 and <i>Lactobacillus coryniformis</i> CECT5711, enhances the intestinal function of healthy adults. <i>International Journal of Food Microbiology</i> , 2006 , 107, 104-11	5.8	74
30	Butyrate in vitro immune-modulatory effects might be mediated through a proliferation-related induction of apoptosis. <i>Immunobiology</i> , 2010 , 215, 863-73	3.4	72
29	The consumption of two new probiotic strains, <i>Lactobacillus gasseri</i> CECT 5714 and <i>Lactobacillus coryniformis</i> CECT 5711, boosts the immune system of healthy humans. <i>International Microbiology</i> , 2006 , 9, 47-52	3	71
28	Dietary eicosapentaenoic acid and docosahexaenoic acid equally incorporate as decosahexaenoic acid but differ in inflammatory effects. <i>Nutrition</i> , 2008 , 24, 245-54	4.8	65
27	Lipopolysaccharide-induced apoptosis of macrophages determines the up-regulation of concentrative nucleoside transporters Cnt1 and Cnt2 through tumor necrosis factor-alpha-dependent and -independent mechanisms. <i>Journal of Biological Chemistry</i> , 2001 , 276, 30043-9	5.4	65
26	Short-chain fructooligosaccharides, in spite of being fermented in the upper part of the large intestine, have anti-inflammatory activity in the TNBS model of colitis. <i>European Journal of Nutrition</i> , 2006 , 45, 418-25	5.2	61
25	Decorin reverses the repressive effect of autocrine-produced TGF-beta on mouse macrophage activation. <i>Journal of Immunology</i> , 2003 , 170, 4450-6	5.3	52
24	Increased immune response in mice consuming rice bran oil. <i>European Journal of Nutrition</i> , 2005 , 44, 509-16	5.1	52
23	Macrophage colony-stimulating factor-, granulocyte-macrophage colony-stimulating factor-, or IL-3-dependent survival of macrophages, but not proliferation, requires the expression of p21(Waf1) through the phosphatidylinositol 3-kinase/Akt pathway. <i>European Journal of Immunology</i> , 2004 , 34, 2257-67	6.1	51
22	JNK1 is required for the induction of Mkp1 expression in macrophages during proliferation and lipopolysaccharide-dependent activation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 12566-73	5.4	50

21	Safety and tolerance of the human milk probiotic strain <i>Lactobacillus salivarius</i> CECT5713 in 6-month-old children. <i>Nutrition</i> , 2010 , 26, 1082-7	4.8	49
20	Dietary deprivation of fermented foods causes a fall in innate immune response. Lactic acid bacteria can counteract the immunological effect of this deprivation. <i>Journal of Dairy Research</i> , 2006 , 73, 492-8	1.6	49
19	Dietary fish oil n-3 fatty acids increase regulatory cytokine production and exert anti-inflammatory effects in two murine models of inflammation. <i>Lipids</i> , 2006 , 41, 1115-25	1.6	47
18	<i>Lactobacillus fermentum</i> CECT 5716 prevents and reverts intestinal damage on TNBS-induced colitis in mice. <i>Inflammatory Bowel Diseases</i> , 2009 , 15, 1155-63	4.5	46
17	Goat milk is less immunogenic than cow milk in a murine model of atopy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004 , 39, 354-60	2.8	45
16	IFN- γ -mediated inhibition of MAPK phosphatase expression results in prolonged MAPK activity in response to M-CSF and inhibition of proliferation. <i>Blood</i> , 2008 , 112, 3274-82	2.2	41
15	A probiotic dairy product containing <i>L. gasseri</i> CECT5714 and <i>L. coryniformis</i> CECT5711 induces immunological changes in children suffering from allergy. <i>Pediatric Allergy and Immunology</i> , 2009 , 20, 592-600	4.2	39
14	Evaluation of the preventative effects exerted by <i>Lactobacillus fermentum</i> in an experimental model of septic shock induced in mice. <i>British Journal of Nutrition</i> , 2009 , 101, 51-8	3.6	39
13	Identification and evaluation of the probiotic potential of lactobacilli isolated from canine milk. <i>Veterinary Journal</i> , 2010 , 185, 193-8	2.5	29
12	High expression of p21 Waf1 in sarcoid granulomas: a putative role for long-lasting inflammation. <i>Journal of Leukocyte Biology</i> , 2003 , 74, 295-301	6.5	27
11	The expression of MHC class II genes in macrophages is cell cycle dependent. <i>Journal of Immunology</i> , 2000 , 165, 6364-71	5.3	27
10	Treatment with anti-interferon-gamma monoclonal antibodies modifies experimental autoimmune encephalomyelitis in interferon-gamma receptor knockout mice. <i>Experimental Neurology</i> , 2001 , 172, 460-8	5.7	26
9	Safety assessment of <i>Lactobacillus fermentum</i> CECT5716, a probiotic strain isolated from human milk. <i>Journal of Dairy Research</i> , 2009 , 76, 216-21	1.6	23
8	Macrophage colony-stimulating factor-dependent macrophage proliferation is mediated through a calcineurin-independent but immunophilin-dependent mechanism that mediates the activation of external regulated kinases. <i>European Journal of Immunology</i> , 2003 , 33, 3091-100	6.1	22
7	The immunomodulatory properties of viable <i>Lactobacillus salivarius</i> ssp. <i>salivarius</i> CECT5713 are not restricted to the large intestine. <i>European Journal of Nutrition</i> , 2012 , 51, 365-74	5.2	21
6	A shorter and more specific oral sensitization-based experimental model of food allergy in mice. <i>Journal of Immunological Methods</i> , 2012 , 381, 41-9	2.5	15
5	DNFB-DNS hapten-induced colitis in mice should not be considered a model of inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, 2087-101	4.5	7
4	Active colitis exacerbates immune response to internalized food antigens in mice. <i>International Archives of Allergy and Immunology</i> , 2013 , 162, 214-24	3.7	4

3	Cell death, it always matters. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 1063-4; author reply 1065-6	6.5	2
2	Prebiotics and Probiotics in Experimental Models of Rodent Colitis: Lessons in Treatment or Prevention of Inflammatory Bowel Diseases 2010 , 589-610		1
1	Safety of Probiotic Bacteria 2010 , 47-58		1