Catalina Alarcon-de-la-Lastra

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Resveratrol as an antioxidant and pro-oxidant agent: mechanisms and clinical implications. Biochemical Society Transactions, 2007, 35, 1156-1160.	3.4	613
2	Olive oil and health: Summary of the II international conference on olive oil and health consensus report, Jaén and Córdoba (Spain) 2008. Nutrition, Metabolism and Cardiovascular Diseases, 2010, 20, 284-294.	2.6	449
3	Evidence for protective and antioxidant properties of rutin, a natural flavone, against ethanol induced gastric lesions. Journal of Ethnopharmacology, 2000, 71, 45-53.	4.1	448
4	Curcumin, a Curcuma longa constituent, acts on MAPK p38 pathway modulating COX-2 and iNOS expression in chronic experimental colitis. International Immunopharmacology, 2007, 7, 333-342.	3.8	287
5	Polyphenols and Human Health: A Prospectus. Critical Reviews in Food Science and Nutrition, 2011, 51, 524-546.	10.3	286
6	Resveratrol, a polyphenol found in grapes, suppresses oxidative damage and stimulates apoptosis during early colonic inflammation in rats. Biochemical Pharmacology, 2004, 67, 1399-1410.	4.4	227
7	The effects of resveratrol, a phytoalexin derived from red wines, on chronic inflammation induced in an experimentally induced colitis model. British Journal of Pharmacology, 2006, 147, 873-885.	5.4	204
8	Dietary supplementation of resveratrol attenuates chronic colonic inflammation in mice. European Journal of Pharmacology, 2010, 633, 78-84.	3.5	189
9	Dietary supplementation of an ellagic acid-enriched pomegranate extract attenuates chronic colonic inflammation in rats. Pharmacological Research, 2012, 66, 235-242.	7.1	148
10	Protective effect of ellagic acid, a natural polyphenolic compound, in a murine model of Crohn's disease. Biochemical Pharmacology, 2011, 82, 737-745.	4.4	146
11	Dietary extra virgin olive oil polyphenols supplementation modulates DSS-induced chronic colitis in mice. Journal of Nutritional Biochemistry, 2013, 24, 1401-1413.	4.2	117
12	Virgin Olive Oil and Health: Summary of the III International Conference on Virgin Olive Oil and Health Consensus Report, JAEN (Spain) 2018. Nutrients, 2019, 11, 2039.	4.1	116
13	Rosiglitazone, an agonist of peroxisome proliferator-activated receptor gamma, reduces chronic colonic inflammation in rats. Biochemical Pharmacology, 2005, 69, 1733-1744.	4.4	114
14	Oleuropein, a Secoiridoid Derived from Olive Tree, Inhibits the Proliferation of Human Colorectal Cancer Cell Through Downregulation of HIF-11±. Nutrition and Cancer, 2013, 65, 147-156.	2.0	113
15	New mechanisms and therapeutic potential of curcumin for colorectal cancer. Molecular Nutrition and Food Research, 2008, 52, 1040-1061.	3.3	111
16	Influence of extra virgin olive oil diet enriched with hydroxytyrosol in a chronic DSS colitis model. European Journal of Nutrition, 2012, 51, 497-506.	3.9	111
17	Potential Protective Role Exerted by Secoiridoids from Olea europaea L. in Cancer, Cardiovascular, Neurodegenerative, Aging-Related, and Immunoinflammatory Diseases. Antioxidants, 2020, 9, 149.	5.1	103
18	Age-related changes in melatonin synthesis in rat extrapineal tissues. Experimental Gerontology, 2009, 44, 328-334.	2.8	100

IF # ARTICLE CITATIONS Anti-inflammatory and joint protective effects of extra-virgin olive-oil polyphenol extract in 4.2 experimental arthritis. Journal of Nutritional Biochemistry, 2014, 25, 1275-1281. An Up-date of Olive Oil Phenols in Inflammation and Cancer: Molecular Mechanisms and Clinical 20 2.4 92 Implications. Current Medicinal Chemistry, 2013, 20, 4758-4776. Decreased MT1 and MT2 melatonin receptor expression in extrapineal tissues of the rat during 7.4 physiological aging. Journal of Pineal Research, 2009, 46, 29-35. Rosiglitazone, an agonist of peroxisome proliferator-activated receptor gamma, protects against gastric ischemia–reperfusion damage in rats: role of oxygen free radicals generation. European 22 3.5 86 Journal of Pharmacology, 2004, 505, 195-203. Role of endogenous sulphydryls and neutrophil infiltration in the pathogenesis of gastric mucosal 4.0 injury induced by piroxicam in rats. Inflammation Research, 1996, 45, 83-88. Melatonin inhibits cell proliferation and induces caspase activation and apoptosis in human malignant lymphoid cell lines. Journal of Pineal Research, 2012, 53, 366-373. 24 7.4 78 Dietary squalene supplementation improves DSSâ€induced acute colitis by downregulating p38 MAPK and 3.3 NFkB signaling pathways. Molecular Nutrition and Food Research, 2015, 59, 284-292. Extra-virgin olive oil-enriched diet modulates DSS-colitis-associated colon carcinogenesis in mice. 26 5.0 77 Clinical Nutrition, 2010, 29, 663-673. Anti-Oxidant Mechanisms Involved in Gastroprotective Effects of Quercetin. Zeitschrift Fur 1.4 Naturforschung - Section C Journal of Biosciences, 1998, 53, 82-88. Anti-inflammatory intestinal activity of Arctium lappa L. (Asteraceae) in TNBS colitis model. Journal of 28 4.1 73 Ethnopharmacology, 2013, 146, 300-310. Squalene targets pro- and anti-inflammatory mediators and pathways to modulate over-activation of 3.4 neutrophils, monocytes and macrophages. Journal of Functional Foods, 2015, 14, 779-790. Apigenin supplementation protects the development of dextran sulfate sodium-induced murine experimental colitis by inhibiting canonical and non-canonical inflammasome signaling pathways. 30 4.2 73 Journal of Nutritional Biochemistry, 2016, 30, 143-152. Extra virgin olive oil: a key functional food for prevention of immune-inflammatory diseases. Food 4.6 and Function, 2016, 7, 4492-4505. Acute and chronic responses associated with adrenomedullin administration in experimental colitis. 32 2.4 70 Peptides, 2008, 29, 2001-2012. Dietary extra virgin olive oil attenuates kidney injury in pristane-induced SLE model via activation of HO-1/Nrf-2 antioxidant pathway and suppression of JAK/STAT, NF-Î^oB and MAPK activation. Journal of Nutritional Biochemistry, 2016, 27, 278-288. 4.2 69 Anti-inflammatory intestinal activity of Abarema cochliacarpos (Gomes) Barneby & amp; Grimes in TNBS 34 4.1 68 colitis model. Journal of Ethnopharmacology, 2010, 128, 467-475. Dietary extra-virgin olive oil prevents inflammatory response and cartilage matrix degradation in 3.9 66 murine collagen-induced arthritis. European Journal of Nutrition, 2016, 55, 315-325. An update on diet and nutritional factors in systemic lupus erythematosus management. Nutrition 36 4.1 62 Research Reviews, 2017, 30, 118-137.

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37	Chemopreventive effect of dietary curcumin on inflammationâ€induced colorectal carcinogenesis in mice. Molecular Nutrition and Food Research, 2011, 55, 259-267.	3.3	61
38	Preventive effects of dietary hydroxytyrosol acetate, an extra virgin olive oil polyphenol in murine collagen-induced arthritis. Molecular Nutrition and Food Research, 2015, 59, 2537-2546.	3.3	60
39	Effects of dietary virgin olive oil polyphenols: hydroxytyrosyl acetate and 3, 4-dihydroxyphenylglycol on DSS-induced acute colitis in mice. Journal of Nutritional Biochemistry, 2015, 26, 513-520.	4.2	60
40	Oleuropein down-regulated IL-1Î ² -induced inflammation and oxidative stress in human synovial fibroblast cell line SW982. Food and Function, 2017, 8, 1890-1898.	4.6	60
41	Mechanisms involved in gastric protection of melatonin against oxidant stress by ischemia-reperfusion in rats. Life Sciences, 2001, 68, 1405-1415.	4.3	59
42	Rosiglitazone, a PPARÎ ³ ligand, modulates signal transduction pathways during the development of acute TNBS-induced colitis in rats. European Journal of Pharmacology, 2007, 562, 247-258.	3.5	54
43	Dietary unsaponifiable fraction from extra virgin olive oil supplementation attenuates acute ulcerative colitis in mice. European Journal of Pharmaceutical Sciences, 2013, 48, 572-581.	4.0	53
44	Naturally Occurring Hydroxytyrosol Derivatives: Hydroxytyrosyl Acetate and 3,4-Dihydroxyphenylglycol Modulate Inflammatory Response in Murine Peritoneal Macrophages. Potential Utility as New Dietary Supplements. Journal of Agricultural and Food Chemistry, 2015, 63, 836-846.	5.2	53
45	The COX-2 inhibitor, rofecoxib, ameliorates dextran sulphate sodium induced colitis in mice. Inflammation Research, 2005, 54, 145-151.	4.0	48
46	Extra virgin olive oil polyphenolic extracts downregulate inflammatory responses in LPS-activated murine peritoneal macrophages suppressing NFκB and MAPK signalling pathways. Food and Function, 2014, 5, 1270-1277.	4.6	47
47	Gastroprotection and Prostaglandin E2Generation in Rats by Flavonoids ofDittrichia viscosa. Planta Medica, 1993, 59, 497-501.	1.3	46
48	Gastrointestinal tolerability of metamizol, acetaminophen, and diclofenac in subchronic treatment in rats. Digestive Diseases and Sciences, 2002, 47, 2791-2798.	2.3	46
49	New Issues About Melatonin and its Effects on the Digestive System. Current Pharmaceutical Design, 2001, 7, 909-931.	1.9	43
50	PARP inhibition reduces acute colonic inflammation in rats. European Journal of Pharmacology, 2007, 563, 216-223.	3.5	43
51	Antiulcerogenicity of the flavonoid fraction from Bidens aurea: Comparison with ranitidine and omeprazole. Journal of Ethnopharmacology, 1994, 42, 161-168.	4.1	42
52	Sirtuin Modulators: Mechanisms and Potential Clinical Implications. Current Medicinal Chemistry, 2012, 19, 2414-2441.	2.4	41
53	Acutely administered melatonin is beneficial while chronic melatonin treatment aggravates the evolution of TNBSâ€induced colitis. Journal of Pineal Research, 2006, 40, 48-55.	7.4	40
54	Melatonin modulates microsomal <scp>PGE</scp> synthase 1 and <scp>NF</scp> â€ <scp>E2</scp> â€related factorâ€2â€regulated antioxidant enzyme expression in <scp>LPS</scp> â€induced murine peritoneal macrophages. British Journal of Pharmacology, 2014, 171, 134-144.	5.4	40

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55	The cyclo-oxygenase-2 inhibitor, rofecoxib, attenuates mucosal damage due to colitis induced by trinitrobenzene sulphonic acid in rats. European Journal of Pharmacology, 2003, 481, 281-291.	3.5	39
56	Effects of dipyrone on inflammatory infiltration and oxidative metabolism in gastric mucosa: comparison with acetaminophen and diclofenac. Digestive Diseases and Sciences, 2002, 47, 1389-1398.	2.3	38
57	Role of different inflammatory and tumor biomarkers in the development of ulcerative colitis-associated carcinogenesis. Inflammatory Bowel Diseases, 2011, 17, 696-710.	1.9	38
58	An update on dietary phenolic compounds in the prevention and management of rheumatoid arthritis. Food and Function, 2016, 7, 2943-2969.	4.6	38
59	A new flavonoid derivative, dosmalfate, attenuates the development of dextran sulphate sodium-induced colitis in mice. International Immunopharmacology, 2003, 3, 1731-1741.	3.8	37
60	Mechanisms involved in protection afforded by L-arginine in ibuprofen-induced gastric damage: role of nitric oxide and prostaglandins. Digestive Diseases and Sciences, 2002, 47, 44-53.	2.3	36
61	Chronic gastric ulcer healing in rats subjected to selective and non-selective cyclooxygenase-2 inhibitors. European Journal of Pharmacology, 2002, 442, 125-135.	3.5	35
62	Mucosal damage induced by preferential COX-1 and COX-2 inhibitors: Role of prostaglandins and inflammatory response. Life Sciences, 2004, 74, 873-884.	4.3	35
63	Effects of meloxicam on oxygen radical generation in rat gastric mucosa. Inflammation Research, 2000, 49, 361-366.	4.0	32
64	Peracetylated hydroxytyrosol, a new hydroxytyrosol derivate, attenuates LPS-induced inflammatory response in murine peritoneal macrophages via regulation of non-canonical inflammasome, Nrf2/HO1 and JAK/STAT signaling pathways. Journal of Nutritional Biochemistry, 2018, 57, 110-120.	4.2	32
65	COX expression and PGE2 and PGD2 production in experimental acute and chronic gastric lesions. International Immunopharmacology, 2005, 5, 369-379.	3.8	31
66	The unsaponifiable fraction of extra virgin olive oil promotes apoptosis and attenuates activation and homing properties of T cells from patients with inflammatory bowel disease. Food Chemistry, 2014, 161, 353-360.	8.2	31
67	Unsaponifiable fraction from extra virgin olive oil inhibits the inflammatory response in LPS-activated murine macrophages. Food Chemistry, 2014, 147, 117-123.	8.2	30
68	Role of L-Arginine in Ibuprofen-induced Oxidative Stress and Neutrophil Infiltration in Gastric Mucosa. Free Radical Research, 2004, 38, 903-911.	3.3	29
69	Abarema cochliacarpos reduces LPS-induced inflammatory response in murine peritoneal macrophages regulating ROS-MAPK signal pathway. Journal of Ethnopharmacology, 2013, 149, 140-147.	4.1	28
70	Effects of Oxicam Inhibitors of Cyclooxygenase on Oxidative Stress Generation in Rat Gastric Mucosa. A Comparative Study. Free Radical Research, 2002, 36, 769-777.	3.3	27
71	Anti-inflammatory effects of Retama monosperma in acute ulcerative colitis in rats. Journal of Physiology and Biochemistry, 2014, 70, 163-172.	3.0	27
72	Virgin olive oil and its phenol fraction modulate monocyte/macrophage functionality: a potential therapeutic strategy in the treatment of systemic lupus erythematosus. British Journal of Nutrition, 2018, 120, 681-692.	2.3	27

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73	Mechanisms Involved in the Antiproliferative and Proapoptotic Effects of Unsaponifiable Fraction of Extra Virgin Olive Oil on HT-29 Cancer Cells. Nutrition and Cancer, 2013, 65, 908-918.	2.0	26
74	Intestinal toxicity of ketoprofen-trometamol vs its enantiomers in rat. Role of oxidative stress. Inflammation Research, 2000, 49, 627-632.	4.0	25
75	Dietary Oleocanthal Supplementation Prevents Inflammation and Oxidative Stress in Collagen-Induced Arthritis in Mice. Antioxidants, 2021, 10, 650.	5.1	25
76	Role of polymorphonuclear leukocytes and oxygen-derived free radicals in chronic gastric lesion induced by acetic acid in rat. General Pharmacology, 1996, 27, 545-550.	0.7	24
77	Effects of food intake and oxidative stress on intestinal lesions caused by meloxicam and piroxicam in rats. European Journal of Pharmacology, 2001, 414, 79-86.	3.5	24
78	Gastric toxicity of racemic ketoprofen and its enantiomers in rat: Oxygen radical generation and COX-expression. Inflammation Research, 2002, 51, 51-57.	4.0	23
79	Dietary hydroxytyrosol and hydroxytyrosyl acetate supplementation prevent pristane-induced systemic lupus erythematous in mice. Journal of Functional Foods, 2017, 29, 84-92.	3.4	23
80	Polyphenolic extract from extra virgin olive oil inhibits the inflammatory response in IL-1 <i>β</i> -activated synovial fibroblasts. British Journal of Nutrition, 2019, 121, 55-62.	2.3	23
81	Effects of dosmalfate, a new cytoprotective agent, on acute and chronic trinitrobenzene sulphonic acid-induced colitis in rats. European Journal of Pharmacology, 2003, 460, 209-218.	3.5	22
82	Olive secoiridoid oleuropein and its semisynthetic acetyl-derivatives reduce LPS-induced inflammatory response in murine peritoneal macrophages via JAK-STAT and MAPKs signaling pathways. Journal of Functional Foods, 2019, 58, 95-104.	3.4	22
83	Antisecretory and gastroprotective effects of aescine in rats. General Pharmacology, 1994, 25, 1213-1219.	0.7	21
84	Extra-virgin olive oil-enriched diets reduce indomethacin-induced gastric oxidative damage in rats. Digestive Diseases and Sciences, 2002, 47, 2783-2790.	2.3	20
85	Oliveâ€Oilâ€Derived Polyphenols Effectively Attenuate Inflammatory Responses of Human Keratinocytes by Interfering with the NFâ€₽B Pathway. Molecular Nutrition and Food Research, 2019, 63, 1900019.	3.3	20
86	The phenolic fraction of extra virgin olive oil modulates the activation and the inflammatory response of T cells from patients with systemic lupus erythematosus and healthy donors. Molecular Nutrition and Food Research, 2017, 61, 1601080.	3.3	19
87	Intestinal Immunomodulation. Role of Regulative Peptides and Promising Pharmacological Activities. Current Pharmaceutical Design, 2008, 14, 71-95.	1.9	17
88	A New Peracetylated Oleuropein Derivative Ameliorates Joint Inflammation and Destruction in a Murine Collagen-Induced Arthritis Model via Activation of the Nrf-2/Ho-1 Antioxidant Pathway and Suppression of MAPKs and NF-κB Activation. Nutrients, 2021, 13, 311.	4.1	17
89	Extra-virgin olive oil phenols hydroxytyrosol and hydroxytyrosol acetate, down-regulate the production of mediators involved in joint erosion in human synovial cells. Journal of Functional Foods, 2017, 36, 27-33.	3.4	16
90	Role of prostaglandins and nitric oxide in gastric damage induced by metamizol in rats. Inflammation Research, 2002, 51, 385-392.	4.0	15

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91	Esculine, ranitidine and carbenoxolone: Different modes of action on gastric mucosa. General Pharmacology, 1991, 22, 1001-1004.	0.7	14
92	Antiulcer and Antidiarrhoeic Effect of Baccharis teindalensis. Pharmaceutical Biology, 2003, 41, 405-411.	2.9	14
93	Gastric Damage Induced by Subchronic Administration of Preferential Cyclooxygenase-1 and Cyclooxygenase-2 Inhibitors in Rats. Pharmacology, 2002, 66, 68-75.	2.2	13
94	Melatonin Modulates the Effects of Gastric Injury in Rats: Role of Prostaglandins and Nitric Oxide. NeuroSignals, 2003, 12, 71-77.	0.9	13
95	Effects of Celecoxib on Acid-Challenged Gastric Mucosa of Rats: Comparison with Metamizol and Piroxicam. Digestive Diseases and Sciences, 2004, 49, 937-947.	2.3	12
96	Effects of cisapride on ulcer formation and gastric secretion in rats: Comparison with ranitidine and omeprazol. General Pharmacology, 1996, 27, 1415-1420.	0.7	11
97	Effects of cinitapride on gastric ulceration and secretion in rats. Inflammation Research, 1998, 47, 131-136.	4.0	11
98	Protective effect of curcumin, a <i>Curcuma longa</i> constituent, in early colonic inflammation in rats. Drug Development Research, 2009, 70, 425-437.	2.9	11
99	(â^')-Methyl-Oleocanthal, a New Oleocanthal Metabolite Reduces LPS-Induced Inflammatory and Oxidative Response: Molecular Signaling Pathways and Histones Epigenetic Modulation. Antioxidants, 2022, 11, 56.	5.1	11
100	Cytoprotective activity of cisapride on experimental gastric mucosal lesions induced by ethanol. Role of endogenous prostaglandins. Prostaglandins, 1996, 52, 63-74.	1.2	10
101	The flavonol-enriched Cistus albidus chloroform extract possesses in vivo anti-inflammatory and anti-nociceptive activity. Journal of Ethnopharmacology, 2017, 209, 210-218.	4.1	10
102	Polyphenolic Extract (PE) from Olive Oil Exerts a Potent Immunomodulatory Effect and Prevents Graft-versus-Host Disease in a Mouse Model. Biology of Blood and Marrow Transplantation, 2020, 26, 615-624.	2.0	10
103	Ulcer-protecting effects of a flavonoid fraction from Bidens aurea. Role of endogenous prostaglandins and microvascular permeability. Phytomedicine, 1997, 3, 327-333.	5.3	9
104	Quercus ilex Extract Ameliorates Acute TNBS-Induced Colitis in Rats. Planta Medica, 2019, 85, 670-677.	1.3	9
105	Chronic administration of Abarema cochliacarpos attenuates colonic inflammation in rats. Revista Brasileira De Farmacognosia, 2011, 21, 680-690.	1.4	7
106	Oleuropein and its peracetylated derivative negatively regulate osteoclastogenesis by controlling the expression of genes involved in osteoclast differentiation and function. Food and Function, 2020, 11, 4038-4048.	4.6	6
107	Epigenetic linkage of systemic lupus erythematosus and nutrition. Nutrition Research Reviews, 2023, 36, 39-59.	4.1	6
108	Mechanisms involved in the attenuation of intestinal toxicity induced by (S)-(+)-ketoprofen in re-fed rats. Digestive Diseases and Sciences, 2002, 47, 905-913.	2.3	5

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109	Osteoarthritis treatment with a novel nutraceutical acetylated ligstroside aglycone, a chemically modified extra-virgin olive oil polyphenol. Journal of Tissue Engineering, 2020, 11, 204173142092270.	5.5	5
110	Amoxicillin and Clarithromycin Mucoadhesive Delivery System for Helicobacter pylori Infection in a Mouse Model: Characterization, Pharmacokinetics, and Efficacy. Pharmaceutics, 2021, 13, 153.	4.5	5
111	Diurnal Variation in the Protective Effect of Melatonin Against Gastric Injury Caused by Ischemia-Reperfusion. Biological Rhythm Research, 2002, 33, 319-332.	0.9	3
112	Commentary on â€~Resveratrol commonly displays hormesis: Occurrence and biomedical significance' by Calabrese et al. Human and Experimental Toxicology, 2010, 29, 1021-1023.	2.2	3
113	Economic evaluation and budgetary burden of mepolizumab in severe refractory eosinophilic asthma. Farmacia Hospitalaria, 2019, 43, 187-193.	0.6	3
114	Remdesivir and mortality reduction in COVID-19 patients: a systematized subgroup analysis of clinical trials. Farmacia Hospitalaria, 2021, 45, 28-31.	0.6	3
115	Olive Oil Antioxidants. Antioxidants, 2022, 11, 996.	5.1	3
116	Preventive effect of zaprinast and 3-isobutyl, 1-methylxanthine (phosphodiesterase inhibitors) on gastric injury induced by nonsteroidal antiinflammatory drugs in rats. Digestive Diseases and Sciences, 2003, 48, 986-991.	2.3	2
117	Clinical Decision-making About Neoadjuvant Nivolumab Plus Ipilimumab. JAMA Oncology, 2021, 7, 309.	7.1	2
118	Extra virgin olive oil-enriched diets protects the NSAID-induced gastric damage in rats: Role of leukocyte adherence. Gastroenterology, 1998, 114, A67.	1.3	0
119	Anti-inflammatory PGD2 production after NSAID administration in a chronic experimental model of gastric lesion. Gastroenterology, 2003, 124, A174.	1.3	0
120	FRI0508â€OLIVE OIL POLYPHENOLS AS NOVEL NUTRACEUTICALS IN TREATMENT OF OSTEOARTHRITIS. , 2019	, , .	0
121	Extra-virgin olive oil and its phenolic extract prevent inflammatory response and joint damage in murine experimental arthritis. Grasas Y Aceites, 2016, 67, 158.	0.9	0