Catalina Alarcon-de-la-Lastra

List of Publications by Year
in descending order

121 papers	7,361 citations	50276 46 h-index	56724 83 g-index
122 all docs	122 docs citations	122 times ranked	10658 citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic linkage of systemic lupus erythematosus and nutrition. Nutrition Research Reviews, 2023, 36, 39-59.	4.1	6
2	(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
3	Olive Oil Antioxidants. Antioxidants, 2022, 11, 996.	5.1	3
4	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-ÎºB Activation. Nutrients, 2021, 13, 311.	4.1	17
5	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
6	Clinical Decision-making About Neoadjuvant Nivolumab Plus Ipilimumab. JAMA Oncology, 2021, 7, 309.	7.1	2
7	Dietary Oleocanthal Supplementation Prevents Inflammation and Oxidative Stress in Collagen-Induced Arthritis in Mice. Antioxidants, 2021, 10, 650.	5.1	25
8	Remdesivir and mortality reduction in COVID-19 patients: a systematized subgroup analysis of clinical trials. Farmacia Hospitalaria, 2021, 45, 28-31.	0.6	3
9	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
10	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
11	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
12	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
13	Oliveâ€Oilâ€Derived Polyphenols Effectively Attenuate Inflammatory Responses of Human Keratinocytes by Interfering with the NFâ€ÎºB Pathway. Molecular Nutrition and Food Research, 2019, 63, 1900019.	3.3	20
14	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
15	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
16	Quercus ilex Extract Ameliorates Acute TNBS-Induced Colitis in Rats. Planta Medica, 2019, 85, 670-677.	1.3	9
17	FRI0508â€…OLIVE OIL POLYPHENOLS AS NOVEL NUTRACEUTICALS IN TREATMENT OF OSTEOARTHRITIS. , 2019, , .		0
18	Polyphenolic extract from extra virgin olive oil inhibits the inflammatory response in IL-1Î²-activated synovial fibroblasts. British Journal of Nutrition, 2019, 121, 55-62.	2.3	23

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19	Economic evaluation and budgetary burden of mepolizumab in severe refractory eosinophilic asthma. Farmacia Hospitalaria, 2019, 43, 187-193.	0.6	3
20	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
21	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
22	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
23	Oleuropein down-regulated IL-1Î²-induced inflammation and oxidative stress in human synovial fibroblast cell line SW982. Food and Function, 2017, 8, 1890-1898.	4.6	60
24	An update on diet and nutritional factors in systemic lupus erythematosus management. Nutrition Research Reviews, 2017, 30, 118-137.	4.1	62
25	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
26	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
27	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
28	An update on dietary phenolic compounds in the prevention and management of rheumatoid arthritis. Food and Function, 2016, 7, 2943-2969.	4.6	38
29	Extra virgin olive oil: a key functional food for prevention of immune-inflammatory diseases. Food and Function, 2016, 7, 4492-4505.	4.6	72
30	Dietary extra-virgin olive oil prevents inflammatory response and cartilage matrix degradation in murine collagen-induced arthritis. European Journal of Nutrition, 2016, 55, 315-325.	3.9	66
31	Apigenin supplementation protects the development of dextran sulfate sodium-induced murine experimental colitis by inhibiting canonical and non-canonical inflammasome signaling pathways. Journal of Nutritional Biochemistry, 2016, 30, 143-152.	4.2	73
32	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-ÎºB and MAPK activation. Journal of Nutritional Biochemistry, 2016, 27, 278-288.	4.2	69
33	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
34	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
35	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
36	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

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37	Squalene targets pro- and anti-inflammatory mediators and pathways to modulate over-activation of neutrophils, monocytes and macrophages. Journal of Functional Foods, 2015, 14, 779-790.	3.4	73
38	Dietary squalene supplementation improves DSSâ€induced acute colitis by downregulating p38 MAPK and NFkB signaling pathways. Molecular Nutrition and Food Research, 2015, 59, 284-292.	3.3	78
39	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
40	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
41	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
42	Anti-inflammatory and joint protective effects of extra-virgin olive-oil polyphenol extract in experimental arthritis. Journal of Nutritional Biochemistry, 2014, 25, 1275-1281.	4.2	98
43	Extra virgin olive oil polyphenolic extracts downregulate inflammatory responses in LPS-activated murine peritoneal macrophages suppressing NFÎºB and MAPK signalling pathways. Food and Function, 2014, 5, 1270-1277.	4.6	47
44	Anti-inflammatory effects of Retama monosperma in acute ulcerative colitis in rats. Journal of Physiology and Biochemistry, 2014, 70, 163-172.	3.0	27
45	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
46	Anti-inflammatory intestinal activity of Arctium lappa L. (Asteraceae) in TNBS colitis model. Journal of Ethnopharmacology, 2013, 146, 300-310.	4.1	73
47	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
48	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
49	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
50	Oleuropein, a Secoiridoid Derived from Olive Tree, Inhibits the Proliferation of Human Colorectal Cancer Cell Through Downregulation of HIF-1Î±. Nutrition and Cancer, 2013, 65, 147-156.	2.0	113
51	An Up-date of Olive Oil Phenols in Inflammation and Cancer: Molecular Mechanisms and Clinical Implications. Current Medicinal Chemistry, 2013, 20, 4758-4776.	2.4	92
52	Sirtuin Modulators: Mechanisms and Potential Clinical Implications. Current Medicinal Chemistry, 2012, 19, 2414-2441.	2.4	41
53	Dietary supplementation of an ellagic acid-enriched pomegranate extract attenuates chronic colonic inflammation in rats. Pharmacological Research, 2012, 66, 235-242.	7.1	148
54	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

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55	Melatonin inhibits cell proliferation and induces caspase activation and apoptosis in human malignant lymphoid cell lines. Journal of Pineal Research, 2012, 53, 366-373.	7.4	78
56	Polyphenols and Human Health: A Prospectus. Critical Reviews in Food Science and Nutrition, 2011, 51, 524-546.	10.3	286
57	Chronic administration of Abarema cochliacarpos attenuates colonic inflammation in rats. Revista Brasileira De Farmacognosia, 2011, 21, 680-690.	1.4	7
58	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
59	Chemopreventive effect of dietary curcumin on inflammationâ€induced colorectal carcinogenesis in mice. Molecular Nutrition and Food Research, 2011, 55, 259-267.	3.3	61
60	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
61	Dietary supplementation of resveratrol attenuates chronic colonic inflammation in mice. European Journal of Pharmacology, 2010, 633, 78-84.	3.5	189
62	Extra-virgin olive oil-enriched diet modulates DSS-colitis-associated colon carcinogenesis in mice. Clinical Nutrition, 2010, 29, 663-673.	5.0	77
63	Commentary on â€˜Resveratrol commonly displays hormesis: Occurrence and biomedical significanceâ€™ by Calabrese et al. Human and Experimental Toxicology, 2010, 29, 1021-1023.	2.2	3
64	Anti-inflammatory intestinal activity of Abarema cochliacarpos (Gomes) Barneby & Grimes in TNBS colitis model. Journal of Ethnopharmacology, 2010, 128, 467-475.	4.1	68
65	Olive oil and health: Summary of the II international conference on olive oil and health consensus report, JaÃ©n and CÃ³rdoba (Spain) 2008. Nutrition, Metabolism and Cardiovascular Diseases, 2010, 20, 284-294.	2.6	449
66	Age-related changes in melatonin synthesis in rat extrapineal tissues. Experimental Gerontology, 2009, 44, 328-334.	2.8	100
67	Protective effect of curcumin, a Curcuma longa constituent, in early colonic inflammation in rats. Drug Development Research, 2009, 70, 425-437.	2.9	11
68	Decreased MT1 and MT2 melatonin receptor expression in extrapineal tissues of the rat during physiological aging. Journal of Pineal Research, 2009, 46, 29-35.	7.4	87
69	New mechanisms and therapeutic potential of curcumin for colorectal cancer. Molecular Nutrition and Food Research, 2008, 52, 1040-1061.	3.3	111
70	Acute and chronic responses associated with adrenomedullin administration in experimental colitis. Peptides, 2008, 29, 2001-2012.	2.4	70
71	Intestinal Immunomodulation. Role of Regulative Peptides and Promising Pharmacological Activities. Current Pharmaceutical Design, 2008, 14, 71-95.	1.9	17
72	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

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73	Resveratrol as an antioxidant and pro-oxidant agent: mechanisms and clinical implications. Biochemical Society Transactions, 2007, 35, 1156-1160.	3.4	613
74	Rosiglitazone, a PPARÎ³ 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
75	PARP inhibition reduces acute colonic inflammation in rats. European Journal of Pharmacology, 2007, 563, 216-223.	3.5	43
76	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
77	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
78	Rosiglitazone, an agonist of peroxisome proliferator-activated receptor gamma, reduces chronic colonic inflammation in rats. Biochemical Pharmacology, 2005, 69, 1733-1744.	4.4	114
79	The COX-2 inhibitor, rofecoxib, ameliorates dextran sulphate sodium induced colitis in mice. Inflammation Research, 2005, 54, 145-151.	4.0	48
80	COX expression and PGE2 and PGD2 production in experimental acute and chronic gastric lesions. International Immunopharmacology, 2005, 5, 369-379.	3.8	31
81	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
82	Rosiglitazone, an agonist of peroxisome proliferator-activated receptor gamma, protects against gastric ischemiaâ€“reperfusion damage in rats: role of oxygen free radicals generation. European Journal of Pharmacology, 2004, 505, 195-203.	3.5	86
83	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
84	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
85	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
86	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
87	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
88	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
89	Anti-inflammatory PGD2 production after NSAID administration in a chronic experimental model of gastric lesion. Gastroenterology, 2003, 124, A174.	1.3	0
90	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

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91	Antiulcer and Antidiarrhoeic Effect of Baccharis teindalensis. Pharmaceutical Biology, 2003, 41, 405-411.	2.9	14
92	Melatonin Modulates the Effects of Gastric Injury in Rats: Role of Prostaglandins and Nitric Oxide. NeuroSignals, 2003, 12, 71-77.	0.9	13
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	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
95	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
96	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
97	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
98	Role of prostaglandins and nitric oxide in gastric damage induced by metamizol in rats. Inflammation Research, 2002, 51, 385-392.	4.0	15
99	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
100	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
101	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
102	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
103	Gastrointestinal tolerability of metamizol, acetaminophen, and diclofenac in subchronic treatment in rats. Digestive Diseases and Sciences, 2002, 47, 2791-2798.	2.3	46
104	Mechanisms involved in gastric protection of melatonin against oxidant stress by ischemia-reperfusion in rats. Life Sciences, 2001, 68, 1405-1415.	4.3	59
105	New Issues About Melatonin and its Effects on the Digestive System. Current Pharmaceutical Design, 2001, 7, 909-931.	1.9	43
106	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
107	Intestinal toxicity of ketoprofen-trometamol vs its enantiomers in rat. Role of oxidative stress. Inflammation Research, 2000, 49, 627-632.	4.0	25
108	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

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109	Effects of meloxicam on oxygen radical generation in rat gastric mucosa. Inflammation Research, 2000, 49, 361-366.	4.0	32
110	Effects of cinitapride on gastric ulceration and secretion in rats. Inflammation Research, 1998, 47, 131-136.	4.0	11
111	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
112	Anti-Oxidant Mechanisms Involved in Gastroprotective Effects of Quercetin. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1998, 53, 82-88.	1.4	75
113	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
114	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
115	Cytoprotective activity of cisapride on experimental gastric mucosal lesions induced by ethanol. Role of endogenous prostaglandins. Prostaglandins, 1996, 52, 63-74.	1.2	10
116	Role of endogenous sulphydryls and neutrophil infiltration in the pathogenesis of gastric mucosal injury induced by piroxicam in rats. Inflammation Research, 1996, 45, 83-88.	4.0	78
117	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
118	Antisecretory and gastroprotective effects of aescine in rats. General Pharmacology, 1994, 25, 1213-1219.	0.7	21
119	Antiulcerogenicity of the flavonoid fraction from Bidens aurea: Comparison with ranitidine and omeprazole. Journal of Ethnopharmacology, 1994, 42, 161-168.	4.1	42
120	Gastroprotection and Prostaglandin E2Generation in Rats by Flavonoids ofDittrichia viscosa. Planta Medica, 1993, 59, 497-501.	1.3	46
121	Esculine, ranitidine and carbenoxolone: Different modes of action on gastric mucosa. General Pharmacology, 1991, 22, 1001-1004.	0.7	14