Maria Elena Rodriguez-cabezas

List of Publications by Year
in descending order

69 papers	3,564 citations	101543 36 h-index	138484 58 g-index
70 all docs	70 docs citations	70 times ranked	5482 citing authors

#	Article	IF	Citations
1	The Antioxidant Activity of Thymus serpyllum Extract Protects against the Inflammatory State and Modulates Gut Dysbiosis in Diet-Induced Obesity in Mice. Antioxidants, 2022, 11, 1073.	5.1	8
2	Intestinal anti-inflammatory effects of probiotics inÂDNBS-colitis via modulation of gut microbiota and microRNAs. European Journal of Nutrition, 2021, 60, 2537-2551.	3.9	18
3	The Beneficial Effects of Red Sunâ€Dried Capsicum annuum L. Cv Senise Extract with Antioxidant Properties in Experimental Obesity are Associated with Modulation of the Intestinal Microbiota. Molecular Nutrition and Food Research, 2021, 65, e2000812.	3.3	10
4	Limosilactobacillus fermentum CECT5716: Mechanisms and Therapeutic Insights. Nutrients, 2021, 13, 1016.	4.1	10
5	Probiotic and Functional Properties of Limosilactobacillus reuteri INIA P572. Nutrients, 2021, 13, 1860.	4.1	3
6	Lactobacillus fermentum CECT5716 ameliorates high fat diet-induced obesity in mice through modulation of gut microbiota dysbiosis. Pharmacological Research, 2021, 167, 105471.	7.1	43
7	Intestinal mesenchymal cells regulate immune responses and promote epithelial regeneration in vitro and in dextran sulfate sodiumâ€induced experimental colitis in mice. Acta Physiologica, 2021, 233, e13699.	3.8	9
8	Allium-Derived Compound Propyl Propane Thiosulfonate (PTSO) Attenuates Metabolic Alterations in Mice Fed a High-Fat Diet through Its Anti-Inflammatory and Prebiotic Properties. Nutrients, 2021, 13, 2595.	4.1	17
9	Silk fibroin nanoparticles enhance quercetin immunomodulatory properties in DSS-induced mouse colitis. International Journal of Pharmaceutics, 2021, 606, 120935.	5.2	33
10	Metabolomic analysis of Lavandula dentata L. and Lavandula stoechas L. extracts by LC-QTOF/MS experiments and multivariate analysis techniques as a chemotaxonomical tool. Plant Biosystems, 2020, 154, 231-240.	1.6	2
11	The prebiotic properties of Hibiscus sabdariffa extract contribute to the beneficial effects in diet-induced obesity in mice. Food Research International, 2020, 127, 108722.	6.2	30
12	Intestinal anti-inflammatory activity of the total alkaloid fraction from Fumaria capreolata in the DSS model of colitis in mice. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127414.	2.2	4
13	Anti-Inflammatory and Chemopreventive Effects of Bryophyllum pinnatum (Lamarck) Leaf Extract in Experimental Colitis Models in Rodents. Frontiers in Pharmacology, 2020, 11, 998.	3.5	22
14	The Beneficial Effects of Lippia Citriodora Extract on Dietâ€Induced Obesity in Mice Are Associated with Modulation in the Gut Microbiota Composition. Molecular Nutrition and Food Research, 2020, 64, e2000005.	3.3	19
15	Preclinical studies of toxicity and safety of the AS-48 bacteriocin. Journal of Advanced Research, 2019, 20, 129-139.	9.5	39
16	The metabolic and vascular protective effects of olive (Olea europaea L.) leaf extract in diet-induced obesity in mice are related to the amelioration of gut microbiota dysbiosis and to its immunomodulatory properties. Pharmacological Research, 2019, 150, 104487.	7.1	59
17	The Immunomodulatory Properties of Extracellular Vesicles Derived from Probiotics: A Novel Approach for the Management of Gastrointestinal Diseases. Nutrients, 2019, 11, 1038.	4.1	83
18	The Importance of the Microbiome in Critically Ill Patients: Role of Nutrition. Nutrients, 2019, 11, 3002.	4.1	43

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19	Calcium Pyruvate Exerts Beneficial Effects in an Experimental Model of Irritable Bowel Disease Induced by DCA in Rats. Nutrients, 2019, 11, 140.	4.1	8
20	The Immunomodulatory Properties of Propylâ€Propane Thiosulfonate Contribute to its Intestinal Antiâ€inflammatory Effect in Experimental Colitis. Molecular Nutrition and Food Research, 2019, 63, e1800653.	3.3	40
21	Bacteria-Carried Iron Oxide Nanoparticles for Treatment of Anemia. Bioconjugate Chemistry, 2018, 29, 1785-1791.	3.6	36
22	Intestinal anti-inflammatory effect of the probiotic Saccharomyces boulardii in DSS-induced colitis in mice: Impact on microRNAs expression and gut microbiota composition. Journal of Nutritional Biochemistry, 2018, 61, 129-139.	4.2	98
23	Can a Conversation Between Mesenchymal Stromal Cells and Macrophages Solve the Crisis in the Inflamed Intestine?. Frontiers in Pharmacology, 2018, 9, 179.	3.5	42
24	The Administration of Escherichia coli Nissle 1917 Ameliorates Development of DSS-Induced Colitis in Mice. Frontiers in Pharmacology, 2018, 9, 468.	3.5	68
25	Immunomodulatory properties of Olea europaea leaf extract in intestinal inflammation. Molecular Nutrition and Food Research, 2017, 61, 1601066.	3.3	48
26	Differential intestinal antiâ€inflammatory effects of Lactobacillus fermentum and Lactobacillus salivarius in DSS mouse colitis: impact on microRNAs expression and microbiota composition. Molecular Nutrition and Food Research, 2017, 61, 1700144.	3.3	135
27	Exploring the Role of CYP3A4 Mediated Drug Metabolism in the Pharmacological Modulation of Nitric Oxide Production. Frontiers in Pharmacology, 2017, 8, 202.	3.5	4
28	Intestinal anti-inflammatory effects of goat whey on DNBS-induced colitis in mice. PLoS ONE, 2017, 12, e0185382.	2.5	25
29	Flavonoids in Inflammatory Bowel Disease: A Review. Nutrients, 2016, 8, 211.	4.1	179
30	Intestinal anti-inflammatory effects of RGD-functionalized silk fibroin nanoparticles in trinitrobenzenesulfonic acid-induced experimental colitis in rats. International Journal of Nanomedicine, 2016, Volume 11, 5945-5958.	6.7	40
31	Intestinal anti-inflammatory effects of total alkaloid extract from Fumaria capreolata in the DNBS model of mice colitis and intestinal epithelial CMT93 cells. Phytomedicine, 2016, 23, 901-913.	5.3	32
32	Intestinal anti-inflammatory effects of Passiflora edulis peel in the dextran sodium sulphate model of mouse colitis. Journal of Functional Foods, 2016, 26, 565-576.	3.4	55
33	Antiinflammatory and immunomodulatory activity of an ethanolic extract from the stem bark of Terminalia catappa L. (Combretaceae): In vitro and in vivo evidences. Journal of Ethnopharmacology, 2016, 192, 309-319.	4.1	53
34	Anti-inflammatory activity of hydroalcoholic extracts of Lavandula dentata L. and Lavandula stoechas L.. Journal of Ethnopharmacology, 2016, 190, 142-158.	4.1	64
35	Effect of aqueous and particulate silk fibroin in a rat model of experimental colitis. International Journal of Pharmaceutics, 2016, 511, 1-9.	5.2	26
36	Intestinal anti-inflammatory activity of calcium pyruvate in the TNBS model of rat colitis: Comparison with ethyl pyruvate. Biochemical Pharmacology, 2016, 103, 53-63.	4.4	21

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37	High-Throughput Screening Platform for the Discovery of New Immunomodulator Molecules from Natural Product Extract Libraries. Journal of Biomolecular Screening, 2016, 21, 567-578.	2.6	15
38	Botanical Drugs as an Emerging Strategy in Inflammatory Bowel Disease: A Review. Mediators of Inflammation, 2015, 2015, 1-14.	3.0	47
39	Antinociceptive and Anti-Inflammatory Effects of Total Alkaloid Extract fromFumaria capreolata. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-7.	1.2	11
40	Pea (Pisum sativum L.) seed albumin extracts show antiâ€inflammatory effect in the DSS model of mouse colitis. Molecular Nutrition and Food Research, 2015, 59, 807-819.	3.3	66
41	A new therapeutic association to manage relapsing experimental colitis: Doxycycline plus Saccharomyces boulardii. Pharmacological Research, 2015, 97, 48-63.	7.1	23
42	The viability of Lactobacillus fermentum CECT5716 is not essential to exert intestinal anti-inflammatory properties. Food and Function, 2015, 6, 1176-1184.	4.6	24
43	Silk fibroin nanoparticles constitute a vector for controlled release of resveratrol in an experimental model of inflammatory bowel disease in rats. International Journal of Nanomedicine, 2014, 9, 4507.	6.7	62
44	The probiotic Lactobacillus coryniformis CECT5711 reduces the vascular pro-oxidant and pro-inflammatory status in obese mice. Clinical Science, 2014, 127, 33-45.	4.3	109
45	Intestinal anti-inflammatory activity of the polyphenolic-enriched extract AmandaÂ® in the trinitrobenzenesulphonic acid model of rat colitis. Journal of Functional Foods, 2014, 11, 449-459.	3.4	15
46	Intestinal Anti-inflammatory Effects of Oligosaccharides Derived from Lactulose in the Trinitrobenzenesulfonic Acid Model of Rat Colitis. Journal of Agricultural and Food Chemistry, 2014, 62, 4285-4297.	5.2	39
47	Intestinal anti-inflammatory activity of the Serpylli herba extract in experimental models of rodent colitis. Journal of Crohn's and Colitis, 2014, 8, 775-788.	1.3	44
48	Intestinal anti-inflammatory activity of hydroalcoholic extracts of Phlomis purpurea L. and Phlomis lychnitis L. in the trinitrobenzenesulphonic acid model of rat colitis.. Journal of Ethnopharmacology, 2013, 146, 750-759.	4.1	41
49	The immunomodulatory properties of viable Lactobacillus salivarius ssp. salivarius CECT5713 are not restricted to the large intestine. European Journal of Nutrition, 2012, 51, 365-374.	3.9	24
50	The intestinal antiâ€inflammatory effect of dersalazine sodium is related to a downâ€regulation in ILâ€17 production in experimental models of rodent colitis. British Journal of Pharmacology, 2012, 165, 729-740.	5.4	31
51	The intestinal anti-inflammatory effect of minocycline in experimental colitis involves both its immunomodulatory and antimicrobial properties. Pharmacological Research, 2011, 63, 308-319.	7.1	49
52	The association of minocycline and the probiotic Escherichia coli Nissle 1917 results in an additive beneficial effect in a DSS model of reactivated colitis in mice. Biochemical Pharmacology, 2011, 82, 1891-1900.	4.4	56
53	Di-<scp>d</scp>-fructose Dianhydride-Enriched Caramels: Effect on Colon Microbiota, Inflammation, and Tissue Damage in Trinitrobenzenesulfonic Acid-Induced Colitic Rats. Journal of Agricultural and Food Chemistry, 2010, 58, 6476-6484.	5.2	46
54	The combination of fructooligosaccharides and resistant starch shows prebiotic additive effects in rats. Clinical Nutrition, 2010, 29, 832-839.	5.0	108

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55	Intestinal Anti-inflammatory Activity of Dietary Olive Oil. , 2010, , 1049-1055.		1
56	Butyrate in vitro immune-modulatory effects might be mediated through a proliferation-related induction of apoptosis. Immunobiology, 2010, 215, 863-873.	1.9	96
57	Effect of kale and papaya supplementation in colitis induced by trinitrobenzenesulfonic acid in the rat. European E-journal of Clinical Nutrition and Metabolism, 2010, 5, e111-e116.	0.4	18
58	A probiotic strain of Escherichia coli, Nissle 1917, given orally exerts local and systemic antiâ€inflammatory effects in lipopolysaccharideâ€induced sepsis in mice. British Journal of Pharmacology, 2009, 157, 1024-1033.	5.4	60
59	Evaluation of the preventative effects exerted byLactobacillus fermentumin an experimental model of septic shock induced in mice. British Journal of Nutrition, 2009, 101, 51-58.	2.3	41
60	Persistent antigenic stimulation alters the transcription program in Tâ€„cells, resulting in antigen-specific tolerance. European Journal of Immunology, 2006, 36, 1374-1385.	2.9	61
61	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. Journal of Nutrition, 2005, 135, 687-694.	2.9	168
62	Preventative Effects of Lactulose in the Trinitrobenzenesulphonic Acid Model of Rat Colitis. Inflammatory Bowel Diseases, 2005, 11, 265-271.	1.9	90
63	Effects of dietary fiber on inflammatory bowel disease. Molecular Nutrition and Food Research, 2005, 49, 601-608.	3.3	195
64	The intestinal anti-inflammatory effect of quercitrin is associated with an inhibition in iNOS expression. British Journal of Pharmacology, 2004, 143, 908-918.	5.4	213
65	Intestinal anti-inflammatory activity of dietary fiber (Plantago ovata seeds) in HLA-B27 transgenic rats. Clinical Nutrition, 2003, 22, 463-471.	5.0	93
66	The Intestinal Anti-inflammatory Activity of UR-12746S on Reactivated Experimental Colitis Is Mediated Through Downregulation of Cytokine Production. Inflammatory Bowel Diseases, 2003, 9, 363-371.	1.9	28
67	Dietary Fiber Down-Regulates Colonic Tumor Necrosis Factor Î± and Nitric Oxide Production in Trinitrobenzenesulfonic Acid-Induced Colitic Rats. Journal of Nutrition, 2002, 132, 3263-3271.	2.9	105
68	Intestinal anti-inflammatory activity of morin on chronic experimental colitis in the rat. Alimentary Pharmacology and Therapeutics, 2001, 15, 2027-2039.	3.7	132
69	Dietary Vitamin E Supplementation Protects the Rat Large Intestine from Experimental Inflammation. International Journal for Vitamin and Nutrition Research, 2001, 71, 243-250.	1.5	27