

# Carmen Alonso-Cotoner

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,757  
citations

201385

27  
h-index

243296

44  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diarrhoea-predominant IBS patients show mast cell activation and hyperplasia in the jejunum. <i>Gut</i> , 2007, 56, 203-209.	6.1	330
2	Diarrhoea-predominant irritable bowel syndrome: an organic disorder with structural abnormalities in the jejunal epithelial barrier. <i>Gut</i> , 2013, 62, 1160-1168.	6.1	229
3	The Jejunum of Diarrhea-Predominant Irritable Bowel Syndrome Shows Molecular Alterations in the Tight Junction Signaling Pathway That Are Associated With Mucosal Pathobiology and Clinical Manifestations. <i>American Journal of Gastroenterology</i> , 2012, 107, 736-746.	0.2	169
4	A Review of Microbiota and Irritable Bowel Syndrome: Future in Therapies. <i>Advances in Therapy</i> , 2018, 35, 289-310.	1.3	152
5	The intestinal barrier function and its involvement in digestive disease. <i>Revista Espanola De Enfermedades Digestivas</i> , 2015, 108, 686-96.	0.1	121
6	Intestinal Mucosal Mast Cells: Key Modulators of Barrier Function and Homeostasis. <i>Cells</i> , 2019, 8, 135.	1.8	115
7	Maladaptive Intestinal Epithelial Responses to Life Stress May Predispose Healthy Women to Gut Mucosal Inflammation. <i>Gastroenterology</i> , 2008, 135, 163-172.e1.	0.6	112
8	miR-16 and miR-125b are involved in barrier function dysregulation through the modulation of claudin-2 and cingulin expression in the jejunum in IBS with diarrhoea. <i>Gut</i> , 2017, 66, 1537.1-1538.	6.1	105
9	GEF-H1 Mediated Control of NOD1 Dependent NF- $\kappa$ B Activation by Shigella Effectors. <i>PLoS Pathogens</i> , 2008, 4, e1000228.	2.1	99
10	Increased humoral immunity in the jejunum of diarrhoea-predominant irritable bowel syndrome associated with clinical manifestations. <i>Gut</i> , 2015, 64, 1379-1388.	6.1	94
11	Circulatory Antigen Processing by Mucosal Dendritic Cells Controls CD8+ T Cell Activation. <i>Immunity</i> , 2013, 38, 153-165.	6.6	92
12	Chronological assessment of mast cell-mediated gut dysfunction and mucosal inflammation in a rat model of chronic psychosocial stress. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 1166-1175.	2.0	88
13	Role of Corticotropin-releasing Factor in Gastrointestinal Permeability. <i>Journal of Neurogastroenterology and Motility</i> , 2015, 21, 033-050.	0.8	84
14	Randomised clinical trial: the analgesic properties of dietary supplementation with palmitoylethanolamide and polydatin in irritable bowel syndrome. <i>Alimentary Pharmacology and Therapeutics</i> , 2017, 45, 909-922.	1.9	81
15	Pathogenesis of irritable bowel syndrome: The mast cell connection. <i>Scandinavian Journal of Gastroenterology</i> , 2005, 40, 129-140.	0.6	74
16	Chronic psychosocial stress induces reversible mitochondrial damage and corticotropin-releasing factor receptor type-1 upregulation in the rat intestine and IBS-like gut dysfunction. <i>Psychoneuroendocrinology</i> , 2012, 37, 65-77.	1.3	62
17	The joint power of sex and stress to modulate brain-gut-microbiota axis and intestinal barrier homeostasis: implications for irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2016, 28, 463-486.	1.6	62
18	Stress neuropeptides evoke epithelial responses via mast cell activation in the rat colon. <i>Psychoneuroendocrinology</i> , 2008, 33, 1248-1256.	1.3	61

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19	Toll-Like Receptor 4-Mediated Regulation of Spontaneous Helicobacter-Dependent Colitis in IL-10-Deficient Mice. <i>Gastroenterology</i> , 2009, 137, 1380-1390.e3.	0.6	61
20	Acute experimental stress evokes a differential gender-determined increase in human intestinal macromolecular permeability. <i>Neurogastroenterology and Motility</i> , 2012, 24, 740.	1.6	55
21	Targeting mast cells in the treatment of functional gastrointestinal disorders. <i>Current Opinion in Pharmacology</i> , 2006, 6, 541-546.	1.7	50
22	Mucosal pathobiology and molecular signature of epithelial barrier dysfunction in the small intestine in irritable bowel syndrome. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 53-63.	1.4	47
23	Intestinal Barrier Function and the Brain-Gut Axis. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 73-113.	0.8	43
24	Downregulation of mucosal mast cell activation and immune response in diarrhoea-irritable bowel syndrome by oral disodium cromoglycate: A pilot study. <i>United European Gastroenterology Journal</i> , 2017, 5, 887-897.	1.6	40
25	Control of NOD2 and Rip2-dependent innate immune activation by GEF-H1. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 603-612.	0.9	35
26	Metabotyping of Biofluids Reveals Stress-Based Differences in Gut Permeability in Healthy Individuals. <i>Journal of Proteome Research</i> , 2009, 8, 4799-4809.	1.8	33
27	Neuropharmacology of Stress-Induced Mucosal Inflammation: Implications for Inflammatory Bowel Disease and Irritable Bowel Syndrome. <i>Current Molecular Medicine</i> , 2008, 8, 258-273.	0.6	28
28	Colonic necrosis due to calcium polystyrene sulfonate (Kalimate) not suspended in sorbitol. <i>Revista Espanola De Enfermedades Digestivas</i> , 2013, 105, 232-234.	0.1	27
29	Cognitive and hedonic responses to meal ingestion correlate with changes in circulating metabolites. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1806-1814.	1.6	27
30	Epidemiological and clinical profile of adult patients with Blastocystis sp. infection in Barcelona, Spain. <i>Parasites and Vectors</i> , 2016, 9, 548.	1.0	26
31	Anisakis Simplex-Induced Small Bowel Obstruction After Fish Ingestion: Preliminary Evidence for Response to Parenteral Corticosteroids. <i>Clinical Gastroenterology and Hepatology</i> , 2005, 3, 667-671.	2.4	23
32	Overexpression of corticotropin-releasing factor in intestinal mucosal eosinophils is associated with clinical severity in Diarrhea-Predominant Irritable Bowel Syndrome. <i>Scientific Reports</i> , 2020, 10, 20706.	1.6	21
33	Present and Future Therapeutic Approaches to Barrier Dysfunction. <i>Frontiers in Nutrition</i> , 2021, 8, 718093.	1.6	21
34	Decreased TESK1-mediated cofilin 1 phosphorylation in the jejunum of IBS-D patients may explain increased female predisposition to epithelial dysfunction. <i>Scientific Reports</i> , 2018, 8, 2255.	1.6	18
35	Peripheral Corticotropin-Releasing Factor Triggers Jejunal Mast Cell Activation and Abdominal Pain in Patients With Diarrhea-Predominant Irritable Bowel Syndrome. <i>American Journal of Gastroenterology</i> , 2020, 115, 2047-2059.	0.2	16
36	Small molecule tyrosine kinase inhibitors for the treatment of intestinal inflammation. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 2416-2426.	0.9	15

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37	Registro informatizado de la telangiectasia hemorrÁgica hereditaria (Registro RiHHTa) en Espa±a: objetivos, mtodos y resultados preliminares. Revista Clinica Espanola, 2018, 218, 468-476.	0.2	11
38	The Role of Purported Mucoprotectants in Dealing with Irritable Bowel Syndrome, Functional Diarrhea, and Other Chronic Diarrheal Disorders in Adults. Advances in Therapy, 2021, 38, 2054-2076.	1.3	8
39	Editorial: A Closer Look at Mucosal Inflammation in Irritable Bowel Syndrome: Sex- and Gender-Related DisparitiesQuantity, Quality, or Both?. American Journal of Gastroenterology, 2009, 104, 401-403.	0.2	5
40	Impaired intestinal molecular tightness in the mucosa of irritable bowel syndrome: what are the mediators?. Gut, 2009, 58, 161-162.	6.1	4
41	Blastocystis sp. Carriage and Irritable Bowel Syndrome: Is the Association Already Established?. Biology, 2021, 10, 340.	1.3	4
42	Mucosal Plasma Cell Activation and Proximity to Nerve Fibres Are Associated with Glycocalyx Reduction in Diarrhoea-Predominant Irritable Bowel Syndrome: Jejunal Barrier Alterations Underlying Clinical Manifestations. Cells, 2022, 11, 2046.	1.8	4
43	Severity of gastrointestinal bleeding is similar between patients receiving direct oral anticoagulants or vitamin K antagonists. Revista Espanola De Enfermedades Digestivas, 2022, , .	0.1	2
44	Acute Stress Impacts Clock Genes and Barrier Integrity in the Intestinal Mucosa in Health. Gastroenterology, 2017, 152, S919.	0.6	0
45	Integrated Multi-Omic Analysis Reveals Female Predominance of Deregulated Mucosal Actin Depolymerization by Decreased Tek1-Mediated CFL1-Phosphorylation in IBS-D. Gastroenterology, 2017, 152, S721.	0.6	0
46	Stress Induces Specific Gender-Related Molecular Alterations in Barrier Regulatory Genes in the Jejunal Mucosa of Healthy. Gastroenterology, 2017, 152, S720-S721.	0.6	0
47	Anemia microctica secundaria a lcera anastomtica ileoclica. Gastroenterologa Y Hepatologa, 2019, 42, 111-112.	0.2	0
48	Tratamiento angiogrfico percutneo de lesin vascular colnica en paciente anticoagulada. Gastroenterologa Y Hepatologa, 2022, 45, 282-283.	0.2	0