

Francisco Guarner

List of Publications by Year in descending order

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Version: 2024-02-01

208
papers

48,165
citations

12322

69
h-index

2381

198
g-index

226
all docs

226
docs citations

226
times ranked

45533
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A human gut microbial gene catalogue established by metagenomic sequencing. <i>Nature</i> , 2010, 464, 59-65. | 13.7 | 9,342 |
| 2 | Enterotypes of the human gut microbiome. <i>Nature</i> , 2011, 473, 174-180. | 13.7 | 5,800 |
| 3 | The International Scientific Association for Probiotics and Prebiotics consensus statement on the scope and appropriate use of the term probiotic. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014, 11, 506-514. | 8.2 | 5,773 |
| 4 | Richness of human gut microbiome correlates with metabolic markers. <i>Nature</i> , 2013, 500, 541-546. | 13.7 | 3,641 |
| 5 | Gut flora in health and disease. <i>Lancet</i> , The, 2003, 361, 512-519. | 6.3 | 2,747 |
| 6 | Prebiotic effects: metabolic and health benefits. <i>British Journal of Nutrition</i> , 2010, 104, S1-S63. | 1.2 | 1,745 |
| 7 | An integrated catalog of reference genes in the human gut microbiome. <i>Nature Biotechnology</i> , 2014, 32, 834-841. | 9.4 | 1,664 |
| 8 | The gut microbiota in IBD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012, 9, 599-608. | 8.2 | 984 |
| 9 | Identification and assembly of genomes and genetic elements in complex metagenomic samples without using reference genomes. <i>Nature Biotechnology</i> , 2014, 32, 822-828. | 9.4 | 909 |
| 10 | A microbial signature for Crohn's disease. <i>Gut</i> , 2017, 66, 813-822. | 6.1 | 657 |
| 11 | Towards standards for human fecal sample processing in metagenomic studies. <i>Nature Biotechnology</i> , 2017, 35, 1069-1076. | 9.4 | 581 |
| 12 | An update on the use and investigation of probiotics in health and disease. <i>Gut</i> , 2013, 62, 787-796. | 6.1 | 448 |
| 13 | Metagenomic species profiling using universal phylogenetic marker genes. <i>Nature Methods</i> , 2013, 10, 1196-1199. | 9.0 | 442 |
| 14 | Antibiotics as Major Disruptors of Gut Microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 572912. | 1.8 | 352 |
| 15 | Inflammatory Disease Processes and Interactions with Nutrition. <i>British Journal of Nutrition</i> , 2009, 101, 1-45. | 1.2 | 346 |
| 16 | Gut Microbiota Linked to Sexual Preference and HIV Infection. <i>EBioMedicine</i> , 2016, 5, 135-146. | 2.7 | 328 |
| 17 | World Gastroenterology Organisation Global Guidelines. <i>Journal of Clinical Gastroenterology</i> , 2012, 46, 468-481. | 1.1 | 321 |
| 18 | Modulation of the microbial ecology of the human colon by probiotics, prebiotics and synbiotics to enhance human health: An overview of enabling science and potential applications. <i>FEMS Microbiology Ecology</i> , 2005, 52, 145-152. | 1.3 | 289 |

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|----|--|------|-----------|
| 19 | Patients with achalasia lack nitric oxide synthase in the gastroesophageal junction. <i>European Journal of Clinical Investigation</i> , 1993, 23, 724-728. | 1.7 | 287 |
| 20 | Phylogenetic Analysis of Dysbiosis in Ulcerative Colitis During Remission. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 481-488. | 0.9 | 285 |
| 21 | Reshaping the gut microbiome with bacterial transplantation and antibiotic intake. <i>Genome Research</i> , 2010, 20, 1411-1419. | 2.4 | 284 |
| 22 | Increased mucosal tumour necrosis factor alpha production in Crohn's disease can be downregulated ex vivo by probiotic bacteria. <i>Gut</i> , 2002, 51, 659-664. | 6.1 | 278 |
| 23 | The intestine and its microflora are partners for the protection of the host: report on the Danone Symposium "The Intelligent Intestine," held in Paris, June 14, 2002. <i>American Journal of Clinical Nutrition</i> , 2003, 78, 675-683. | 2.2 | 273 |
| 24 | Short-Term Effect of Antibiotics on Human Gut Microbiota. <i>PLoS ONE</i> , 2014, 9, e95476. | 1.1 | 272 |
| 25 | Mechanisms of Disease: the hygiene hypothesis revisited. <i>Nature Reviews Gastroenterology & Hepatology</i> , 2006, 3, 275-284. | 1.7 | 263 |
| 26 | Should yoghurt cultures be considered probiotic?. <i>British Journal of Nutrition</i> , 2005, 93, 783-786. | 1.2 | 258 |
| 27 | Reduction of butyrate- and methane-producing microorganisms in patients with Irritable Bowel Syndrome. <i>Scientific Reports</i> , 2015, 5, 12693. | 1.6 | 248 |
| 28 | Prepublication data sharing. <i>Nature</i> , 2009, 461, 168-170. | 13.7 | 243 |
| 29 | Linking the gut microbiota to human health. <i>British Journal of Nutrition</i> , 2013, 109, S21-S26. | 1.2 | 240 |
| 30 | Probiotics and human health: a clinical perspective. <i>Postgraduate Medical Journal</i> , 2004, 80, 516-526. | 0.9 | 233 |
| 31 | Oral oligofructose-enriched inulin supplementation in acute ulcerative colitis is well tolerated and associated with lowered faecal calprotectin. <i>Alimentary Pharmacology and Therapeutics</i> , 2007, 25, 1061-1067. | 1.9 | 213 |
| 32 | Selective gastric hypersensitivity and reflex hyporeactivity in functional dyspepsia. <i>Gastroenterology</i> , 1994, 107, 1345-1351. | 0.6 | 209 |
| 33 | Gut microbiota and gastrointestinal health: current concepts and future directions. <i>Neurogastroenterology and Motility</i> , 2013, 25, 4-15. | 1.6 | 208 |
| 34 | Enteric Flora in Health and Disease. <i>Digestion</i> , 2006, 73, 5-12. | 1.2 | 207 |
| 35 | PASSCLAIM? Gut health and immunity. <i>European Journal of Nutrition</i> , 2004, 43, ii118-ii173. | 1.8 | 197 |
| 36 | The intestinal microbiome, probiotics and prebiotics in neurogastroenterology. <i>Gut Microbes</i> , 2013, 4, 17-27. | 4.3 | 194 |

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|----|--|-----|-----------|
| 37 | Storage conditions of intestinal microbiota matter in metagenomic analysis. BMC Microbiology, 2012, 12, 158. | 1.3 | 191 |
| 38 | Dietary Inulin Improves Distal Colitis Induced by Dextran Sodium Sulfate in the Rat. American Journal of Gastroenterology, 2001, 96, 1486-1493. | 0.2 | 183 |
| 39 | Human gut microbiota and its relationship to health and disease. Nutrition Reviews, 2011, 69, 392-403. | 2.6 | 182 |
| 40 | Colonisation by <i>Faecalibacterium prausnitzii</i> and maintenance of clinical remission in patients with ulcerative colitis. Alimentary Pharmacology and Therapeutics, 2013, 38, 151-161. | 1.9 | 181 |
| 41 | Unstable Composition of the Fecal Microbiota in Ulcerative Colitis During Clinical Remission. American Journal of Gastroenterology, 2008, 103, 643-648. | 0.2 | 175 |
| 42 | Dietary fish oil reduces progression of chronic inflammatory lesions in a rat model of granulomatous colitis. Gut, 1990, 31, 539-544. | 6.1 | 173 |
| 43 | The Gut Microbiota Predispose to the Pathophysiology of Acute Postradiotherapy Diarrhea. American Journal of Gastroenterology, 2008, 103, 1754-1761. | 0.2 | 154 |
| 44 | Participation of thromboxane and other eicosanoid synthesis in the course of experimental inflammatory colitis. Gastroenterology, 1990, 98, 269-277. | 0.6 | 137 |
| 45 | Effects of Probiotic Lactobacillus Casei DN-114 001 in Prevention of Radiation-Induced Diarrhea: Results From Multicenter, Randomized, Placebo-Controlled Nutritional Trial. International Journal of Radiation Oncology Biology Physics, 2008, 71, 1213-1219. | 0.4 | 134 |
| 46 | Processing faecal samples: a step forward for standards in microbial community analysis. BMC Microbiology, 2014, 14, 112. | 1.3 | 134 |
| 47 | Effects of nonpathogenic bacteria on cytokine secretion by human intestinal mucosa. American Journal of Gastroenterology, 2003, 98, 865-870. | 0.2 | 126 |
| 48 | Lactobacillus casei downregulates commensal inflammatory signals in Crohn's disease mucosa. Inflammatory Bowel Diseases, 2009, 15, 275-283. | 0.9 | 125 |
| 49 | A Global Perspective on Irritable Bowel Syndrome. Journal of Clinical Gastroenterology, 2012, 46, 356-366. | 1.1 | 124 |
| 50 | Induction of nitric oxide synthase in colonic smooth muscle from patients with toxic megacolon. Gastroenterology, 1995, 109, 1497-1502. | 0.6 | 121 |
| 51 | Modulation of colonic barrier function by the composition of the commensal flora in the rat. Gut, 2001, 48, 503-507. | 6.1 | 121 |
| 52 | Role of intestinal microflora in chronic inflammation and ulceration of the rat colon. Gut, 1994, 35, 1090-1097. | 6.1 | 109 |
| 53 | Anal gas evacuation and colonic microbiota in patients with flatulence: effect of diet. Gut, 2014, 63, 401-408. | 6.1 | 104 |
| 54 | Guidelines for the design, conduct and reporting of human intervention studies to evaluate the health benefits of foods. British Journal of Nutrition, 2011, 106, S3-S15. | 1.2 | 95 |

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|----|---|-----|-----------|
| 55 | Stimulation of transforming growth factor \hat{I}^{21} by enteric bacteria in the pathogenesis of rat intestinal fibrosis. <i>Gastroenterology</i> , 1998, 114, 519-526. | 0.6 | 92 |
| 56 | Current level of consensus on probiotic science-Report of an expert meeting- London, 23 November 2009. <i>Gut Microbes</i> , 2010, 1, 436-439. | 4.3 | 89 |
| 57 | Alterations in Gut Microbiome in Cirrhosis as Assessed by Quantitative Metagenomics: Relationship With Acute-on-Chronic Liver Failure and Prognosis. <i>Gastroenterology</i> , 2021, 160, 206-218.e13. | 0.6 | 89 |
| 58 | Effects of Prebiotics vs a Diet Low in FODMAPs in Patients With Functional Gut Disorders. <i>Gastroenterology</i> , 2018, 155, 1004-1007. | 0.6 | 88 |
| 59 | MetaTrans: an open-source pipeline for metatranscriptomics. <i>Scientific Reports</i> , 2016, 6, 26447. | 1.6 | 87 |
| 60 | Nitric oxide modulates pancreatic basal secretion and response to cerulein in the rat: Effects in acute pancreatitis. <i>Gastroenterology</i> , 1995, 108, 1855-1862. | 0.6 | 85 |
| 61 | Adhesion properties of <i>Lactobacillus casei</i> strains to resected intestinal fragments and components of the extracellular matrix. <i>Archives of Microbiology</i> , 2009, 191, 153-161. | 1.0 | 85 |
| 62 | Role of bacteria in experimental colitis. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2003, 17, 793-804. | 1.0 | 82 |
| 63 | Inulin and oligofructose: impact on intestinal diseases and disorders. <i>British Journal of Nutrition</i> , 2005, 93, S61-S65. | 1.2 | 76 |
| 64 | The administration of probiotics and synbiotics in immune compromised adults: is it safe?. <i>Beneficial Microbes</i> , 2015, 6, 3-17. | 1.0 | 76 |
| 65 | Fate of oral enzymes in pancreatic insufficiency.. <i>Gut</i> , 1993, 34, 708-712. | 6.1 | 75 |
| 66 | Transforming growth factor \hat{C} beta type 1 receptor (ALK5) and Smad proteins mediate TIMP \hat{C} 1 and collagen synthesis in experimental intestinal fibrosis. <i>Journal of Pathology</i> , 2011, 224, 461-472. | 2.1 | 75 |
| 67 | Role of microecology in chronic inflammatory bowel diseases. <i>European Journal of Clinical Nutrition</i> , 2002, 56, S34-S38. | 1.3 | 74 |
| 68 | Increased activity and expression of matrix metalloproteinase-9 in a rat model of distal colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 284, G116-G122. | 1.6 | 73 |
| 69 | Antiinflammatory Effects of Enterically Coated Amoxicillin-Clavulanic Acid in Active Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 1998, 4, 1-5. | 0.9 | 67 |
| 70 | Modulation of apoptosis in intestinal lymphocytes by a probiotic bacteria in Crohn's disease. <i>Journal of Leukocyte Biology</i> , 2006, 79, 917-922. | 1.5 | 67 |
| 71 | Probiotic and synbiotic safety in infants under two years of age. <i>Beneficial Microbes</i> , 2014, 5, 45-60. | 1.0 | 66 |
| 72 | Surface hydrophobicity of the rat colonic mucosa is a defensive barrier against macromolecules and toxins. <i>Gut</i> , 2000, 46, 515-521. | 6.1 | 64 |

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|----|--|-----|-----------|
| 73 | Blockade of the hydroosmotic effect of vasopressin normalizes water excretion in cirrhotic rats. <i>Gastroenterology</i> , 1989, 97, 1294-1299. | 0.6 | 63 |
| 74 | Induction of Chronic Pancreatic Disease by Trinitrobenzene Sulfonic Acid Infusion into Rat Pancreatic Ducts. <i>Pancreas</i> , 1996, 13, 417-424. | 0.5 | 63 |
| 75 | Mucosal colonisation with <i>Lactobacillus casei</i> mitigates barrier injury induced by exposure to trinitrobenzene sulphonic acid. <i>Gut</i> , 2005, 54, 955-959. | 6.1 | 59 |
| 76 | Responders and non-responders to probiotic interventions. <i>Gut Microbes</i> , 2010, 1, 200-204. | 4.3 | 59 |
| 77 | Polyunsaturated phosphatidylcholine prevents stricture formation in a rat model of colitis. <i>Gastroenterology</i> , 1996, 110, 1093-1097. | 0.6 | 58 |
| 78 | Prebiotics in inflammatory bowel diseases. <i>British Journal of Nutrition</i> , 2007, 98, S85-S89. | 1.2 | 58 |
| 79 | Safety of probiotics and synbiotics in children under 18 years of age. <i>Beneficial Microbes</i> , 2015, 6, 615-630. | 1.0 | 58 |
| 80 | Reduction by prostacyclin of acetaminophen-induced liver toxicity in the mouse. <i>Hepatology</i> , 1988, 8, 248-253. | 3.6 | 57 |
| 81 | Incrimination of anaerobic bacteria in the induction of experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 1997, 272, G10-G15. | 1.6 | 56 |
| 82 | Transcriptional interactions suggest niche segregation among microorganisms in the human gut. <i>Nature Microbiology</i> , 2016, 1, 16152. | 5.9 | 56 |
| 83 | The intestinal flora in inflammatory bowel disease: normal or abnormal?. <i>Current Opinion in Gastroenterology</i> , 2005, 21, 414-8. | 1.0 | 56 |
| 84 | Studies with Inulin-Type Fructans on Intestinal Infections, Permeability, and Inflammation. <i>Journal of Nutrition</i> , 2007, 137, 2568S-2571S. | 1.3 | 55 |
| 85 | Alteration of the serum microbiome composition in cirrhotic patients with ascites. <i>Scientific Reports</i> , 2016, 6, 25001. | 1.6 | 55 |
| 86 | Deranged hydrophobic barrier of the rat gastroduodenal mucosa after parenteral nonsteroidal anti-inflammatory drugs. <i>Gastroenterology</i> , 1997, 112, 1931-1939. | 0.6 | 54 |
| 87 | Not all lactic acid bacteria are probiotics, but some are. <i>British Journal of Nutrition</i> , 2010, 103, 1079-1081. | 1.2 | 54 |
| 88 | Systemic prostacyclin in cirrhotic patients. <i>Gastroenterology</i> , 1992, 102, 303-309. | 0.6 | 53 |
| 89 | The arginine/nitric oxide pathway modulates sphincter of Oddi motor activity in guinea pigs and rabbits. <i>Gastroenterology</i> , 1993, 105, 1299-1305. | 0.6 | 52 |
| 90 | Cytoprotective effect of prostaglandins on isolated rat liver cells. <i>Liver</i> , 1985, 5, 35-39. | 0.1 | 51 |

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|-----|--|-----|-----------|
| 91 | Hot topics in gut microbiota. United European Gastroenterology Journal, 2013, 1, 311-318. | 1.6 | 50 |
| 92 | Crohn's Disease Disturbs the Immune Properties of Human Adipose-Derived Stem Cells Related to Inflammasome Activation. Stem Cell Reports, 2017, 9, 1109-1123. | 2.3 | 49 |
| 93 | Effect of inulin and fructo-oligosaccharide on the prevention of acute radiation enteritis in patients with gynecological cancer and impact on quality-of-life: a randomized, double-blind, placebo-controlled trial. European Journal of Clinical Nutrition, 2016, 70, 170-174. | 1.3 | 47 |
| 94 | Regulation of gall bladder motility by the arginine-nitric oxide pathway in guinea pigs.. Gut, 1993, 34, 911-915. | 6.1 | 45 |
| 95 | A review of the systematic review process and its applicability for use in evaluating evidence for health claims on probiotic foods in the European Union. Nutrition Journal, 2015, 14, 16. | 1.5 | 41 |
| 96 | Effect of a mixture of inulin and fructo-oligosaccharide on Lactobacillus and Bifidobacterium intestinal microbiota of patients receiving radiotherapy: a randomised, double-blind, placebo-controlled trial. Nutricion Hospitalaria, 2012, 27, 1908-15. | 0.2 | 41 |
| 97 | Metabolic adaptation of colonic microbiota to galactooligosaccharides: a proof-of-concept study. Alimentary Pharmacology and Therapeutics, 2017, 45, 670-680. | 1.9 | 39 |
| 98 | Selective Inhibition of Phosphodiesterase-4 Ameliorates Chronic Colitis and Prevents Intestinal Fibrosis. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 940-945. | 1.3 | 38 |
| 99 | A Single Mutation in the Gene Responsible for the Mucooid Phenotype of Bifidobacterium animalis subsp. lactis Confers Surface and Functional Characteristics. Applied and Environmental Microbiology, 2015, 81, 7960-7968. | 1.4 | 38 |
| 100 | Editorial: Next-Generation Probiotics: From Commensal Bacteria to Novel Drugs and Food Supplements. Frontiers in Microbiology, 2019, 10, 1973. | 1.5 | 38 |
| 101 | Toxic dilatation of colon in a rat model of colitis is linked to an inducible form of nitric oxide synthase. American Journal of Physiology - Renal Physiology, 1996, 270, G425-G430. | 1.6 | 35 |
| 102 | Lactobacillus paracasei and Lactobacillus plantarum strains downregulate proinflammatory genes in an ex vivo system of cultured human colonic mucosa. Genes and Nutrition, 2013, 8, 165-180. | 1.2 | 35 |
| 103 | Coping With Common Gastrointestinal Symptoms in the Community. Journal of Clinical Gastroenterology, 2014, 48, 567-578. | 1.1 | 35 |
| 104 | Intraluminal Colonic Release of Immunoreactive Tumour Necrosis Factor in Chronic Ulcerative Colitis. Clinical Science, 1994, 87, 453-458. | 1.8 | 34 |
| 105 | Differential Effects of Western and Mediterranean-Type Diets on Gut Microbiota: A Metagenomics and Metabolomics Approach. Nutrients, 2021, 13, 2638. | 1.7 | 32 |
| 106 | Therapeutic Effect of Phenantroline in Two Rat Models of Inflammatory Bowel Disease. Scandinavian Journal of Gastroenterology, 2001, 36, 1314-1319. | 0.6 | 30 |
| 107 | Cutoff values of the Inflammatory Bowel Disease Questionnaire to predict a normal health related quality of life. Journal of Crohn's and Colitis, 2010, 4, 637-641. | 0.6 | 30 |
| 108 | Hygiene, microbial diversity and immune regulation. Current Opinion in Gastroenterology, 2007, 23, 667-672. | 1.0 | 28 |

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|-----|---|-----|-----------|
| 109 | Discussion on toll-like receptor 9 signaling mediates the anti-inflammatory effects of probiotics in murine experimental colitis. <i>Gastroenterology</i> , 2004, 127, 366-367. | 0.6 | 27 |
| 110 | Restoration of quality of life of patients with inflammatory bowel disease after one year with antiTNF± treatment. <i>Journal of Crohn's and Colitis</i> , 2012, 6, 881-886. | 0.6 | 27 |
| 111 | Colonic gas homeostasis: Mechanisms of adaptation following HOSTâ€™904 galactooligosaccharide use in humans. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13080. | 1.6 | 27 |
| 112 | Effect of Chicory-derived Inulin on Abdominal Sensations and Bowel Motor Function. <i>Journal of Clinical Gastroenterology</i> , 2017, 51, 619-625. | 1.1 | 25 |
| 113 | Bile acid induced colonic irritation stimulates intracolonic nitric oxide release in humans.. <i>Gut</i> , 1996, 38, 719-723. | 6.1 | 24 |
| 114 | Effect of a lowâ€™flatulogenic diet in patients with flatulence and functional digestive symptoms. <i>Neurogastroenterology and Motility</i> , 2014, 26, 779-785. | 1.6 | 24 |
| 115 | Ethanol Feeding Aggravates Morphological and Biochemical Parameters in Experimental Chronic Pancreatitis. <i>Digestion</i> , 1999, 60, 166-174. | 1.2 | 23 |
| 116 | Lactobacillus caseiprevents the upregulation of ICAM-1 expression and leukocyte recruitment in experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G1155-G1162. | 1.6 | 23 |
| 117 | Probiotic and prebiotic claims in Europe: seeking a clear roadmap. <i>British Journal of Nutrition</i> , 2011, 106, 1765-1767. | 1.2 | 23 |
| 118 | Induction of chronic cholangitis in the rat by trinitrobenzenesulfonic acid. <i>Journal of Hepatology</i> , 1995, 22, 219-225. | 1.8 | 22 |
| 119 | Prebiotics, Probiotics and Helminths: The â€™Naturalâ€™™ Solution?. <i>Digestive Diseases</i> , 2009, 27, 412-417. | 0.8 | 22 |
| 120 | What is the role of the enteric commensal flora in IBD?. <i>Inflammatory Bowel Diseases</i> , 2008, 14, S83-S84. | 0.9 | 21 |
| 121 | Digestive Symptoms in Healthy People and Subjects With Irritable Bowel Syndrome. <i>Journal of Clinical Gastroenterology</i> , 2015, 49, e64-e70. | 1.1 | 21 |
| 122 | Transportome Profiling Identifies Profound Alterations in Crohnâ€™™s Disease Partially Restored by Commensal Bacteria. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 850-859. | 0.6 | 21 |
| 123 | Microbiota intestinal y salud. <i>GastroenterologÃa Y HepatologÃa</i> , 2021, 44, 519-535. | 0.2 | 21 |
| 124 | Dysbiosis and relapse-related microbiome in inflammatory bowel disease: A shotgun metagenomic approach. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 6481-6489. | 1.9 | 21 |
| 125 | Antibiotics, gut microbiota, and irritable bowel syndrome: What are the relations?. <i>World Journal of Gastroenterology</i> , 2022, 28, 1204-1219. | 1.4 | 21 |
| 126 | Endotoxin-induced ascites formation in the rat: Partial mediation by platelet-activating factor. <i>Hepatology</i> , 1989, 10, 788-794. | 3.6 | 20 |

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|-----|---|-----|-----------|
| 127 | Probiotic prophylaxis in predicted severe acute pancreatitis. <i>Lancet, The</i> , 2008, 372, 112-113. | 6.3 | 20 |
| 128 | Consenso mexicano sobre probióticos en gastroenterología. <i>Revista De Gastroenterología De México</i> , 2017, 82, 156-178. | 0.4 | 20 |
| 129 | Phosphatidylcholines as mediators of adaptive cytoprotection of the rat duodenum. <i>Gastroenterology</i> , 1994, 107, 720-727. | 0.6 | 19 |
| 130 | Abnormal leukotriene C4 released by unaffected jejunal mucosa in patients with inactive Crohn's disease.. <i>Gut</i> , 1994, 35, 517-522. | 6.1 | 19 |
| 131 | Microbiome Composition by Pyrosequencing in Mesenteric Lymph Nodes of Rats with CCl ₄ -Induced Cirrhosis. <i>Journal of Innate Immunity</i> , 2014, 6, 263-271. | 1.8 | 19 |
| 132 | Accumulative effect of food residues on intestinal gas production. <i>Neurogastroenterology and Motility</i> , 2015, 27, 1621-1628. | 1.6 | 19 |
| 133 | Structure and Functions of the Gut Microbiome. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2014, 14, 290-299. | 0.6 | 19 |
| 134 | Induction of Colonic Transmural Inflammation by <i>Bacteroides Fragilis</i> . <i>Inflammatory Bowel Diseases</i> , 2005, 11, 99-105. | 0.9 | 18 |
| 135 | Faecal DNA and calprotectin as biomarkers of acute intestinal toxicity in patients undergoing pelvic radiotherapy. <i>Alimentary Pharmacology and Therapeutics</i> , 2009, 30, 175-185. | 1.9 | 17 |
| 136 | The gut microbiota era marches on. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014, 11, 647-649. | 8.2 | 17 |
| 137 | Longitudinal study of renal prostaglandin excretion in cirrhotic rats: Relationship with the renin-aldosterone system. <i>Clinical Science</i> , 1988, 75, 263-269. | 1.8 | 15 |
| 138 | Derangement of mucosal barrier function by bacteria colonizing the rat colonic mucosa. <i>European Journal of Clinical Investigation</i> , 1998, 28, 1019-1026. | 1.7 | 15 |
| 139 | Long-Term Safety and Efficacy of Prebiotic Enriched Infant Formula—A Randomized Controlled Trial. <i>Nutrients</i> , 2021, 13, 1276. | 1.7 | 14 |
| 140 | Central regulation of gastric acid secretion by platelet-activating factor in anesthetized rats. <i>Prostaglandins</i> , 1989, 37, 275-285. | 1.2 | 13 |
| 141 | Epidermal growth factor increases surface hydrophobicity and resistance to acid in the rat duodenum. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, G774-G779. | 1.6 | 13 |
| 142 | Fecal excretion of human deoxyribonucleic acid as an index of inflammatory activity in ulcerative colitis. <i>Clinical Gastroenterology and Hepatology</i> , 2004, 2, 683-689. | 2.4 | 13 |
| 143 | Polyethylene glycol enhances colonic barrier function and ameliorates experimental colitis in rats. <i>International Journal of Colorectal Disease</i> , 2007, 22, 571-580. | 1.0 | 12 |
| 144 | From Basic to Applied Research. <i>Journal of Clinical Gastroenterology</i> , 2014, 48, S3-S4. | 1.1 | 12 |

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|-----|--|-----|-----------|
| 145 | Norfloxacin is more effective than Rifaximin in avoiding bacterial translocation in an animal model of cirrhosis. <i>Liver International</i> , 2018, 38, 295-302. | 1.9 | 12 |
| 146 | Antiulcerogenic and antiinflammatory actions of fatty acids on the gastrointestinal tract. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1991, 43, 135-140. | 1.0 | 11 |
| 147 | Duodenal mucosal resistance to intraluminal acid in the rat: Role of adaptive cytoprotection. <i>Gastroenterology</i> , 1992, 102, 1129-1135. | 0.6 | 11 |
| 148 | Fecal Excretion of Deoxyribonucleic Acid in Long-term Follow-up of Patients with Inactive Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2007, 13, 386-390. | 0.9 | 11 |
| 149 | Galectin-4 interacts with the drug transporter human concentrative nucleoside transporter 3 to regulate its function. <i>FASEB Journal</i> , 2016, 30, 544-554. | 0.2 | 11 |
| 150 | Abdominal distension after eating lettuce: The role of intestinal gas evaluated in vitro and by abdominal CT imaging. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13703. | 1.6 | 11 |
| 151 | Influence of dietary fat on duodenal resistance to acid. <i>Gut</i> , 1993, 34, 1303-1309. | 6.1 | 10 |
| 152 | Intracerebroventricular Infusion of Sodium Chloride-Rich Artificial Cerebrospinal Fluid in Rats Induces Natriuresis and Releases An Inhibitor of Prostaglandin Synthesis. <i>Clinical Science</i> , 1984, 66, 621-624. | 1.8 | 9 |
| 153 | Intracolonic Release <i>in Vivo</i> of Interleukin-1 β in Chronic Ulcerative Colitis. <i>Clinical Science</i> , 1995, 89, 521-526. | 1.8 | 9 |
| 154 | Determination of 2,3-dinor-6-ketoprostaglandin F $_{1\alpha}$ in urine samples by liquid chromatography and radioimmunoassay. <i>Biomedical Applications</i> , 1986, 383, 317-324. | 1.7 | 8 |
| 155 | Adaptive cytoprotection of the rat duodenum is not dependent on nitric oxide-induced changes in blood flow. <i>American Journal of Physiology - Renal Physiology</i> , 1993, 264, G994-G1000. | 1.6 | 8 |
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