Elena F Verdu

List of Publications by Year
in descending order

97 papers	10,125 citations	53939 47 h-index	43601 95 g-index
100 all docs	100 docs citations	100 times ranked	13581 citing authors

#	Article	IF	Citations
1	The double-edged sword of gut bacteria in celiac disease and implications for therapeutic potential. Mucosal Immunology, 2022, 15, 235-243.	2.7	9
2	Gluten-Free Diet Reduces Symptoms, Particularly Diarrhea, in Patients With Irritable Bowel Syndrome and AntigliadinÂIgG. Clinical Gastroenterology and Hepatology, 2021, 19, 2343-2352.e8.	2.4	30
3	Novel Fecal Biomarkers That Precede Clinical Diagnosis of Ulcerative Colitis. Gastroenterology, 2021, 160, 1532-1545.	0.6	94
4	The Risk of Contracting COVID-19 Is Not Increased in Patients With Celiac Disease. Clinical Gastroenterology and Hepatology, 2021, 19, 391-393.	2.4	38
5	Saccharomyces boulardii CNCM Iâ€745 modulates the microbiotaâ€“gutâ€“brain axis in a humanized mouse model of Irritable Bowel Syndrome. Neurogastroenterology and Motility, 2021, 33, e13985.	1.6	20
6	Risk perception and knowledge of COVID-19 in patients with celiac disease. World Journal of Gastroenterology, 2021, 27, 1213-1225.	1.4	8
7	A Riddle, Wrapped in a Mystery, Inside an Enigma: Another Key to Wheat Sensitivity?. American Journal of Gastroenterology, 2021, 116, 943-945.	0.2	0
8	Epithelial production of elastase is increased in inflammatory bowel disease and causes mucosal inflammation. Mucosal Immunology, 2021, 14, 667-678.	2.7	17
9	Reply. Gastroenterology, 2021, 160, 2207-2208.	0.6	0
10	Increased Bacterial Proteolytic Activity Detected Before Diagnosis of Ulcerative Colitis. Inflammatory Bowel Diseases, 2021, 27, e144-e144.	0.9	3
11	Reply. Clinical Gastroenterology and Hepatology, 2021, 19, 1511.	2.4	1
12	Fecal microbiome differs between patients with systemic sclerosis with and without small intestinal bacterial overgrowth. Journal of Scleroderma and Related Disorders, 2021, 6, 290-298.	1.0	8
13	Co-factors, Microbes, and Immunogenetics in Celiac Disease to Guide Novel Approaches for Diagnosis and Treatment. Gastroenterology, 2021, 161, 1395-1411.e4.	0.6	32
14	Society for the Study of Celiac Disease position statement on gaps and opportunities in coeliac disease. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 875-884.	8.2	34
15	Avances, descubrimientos y potencial del microbioma intestinal en gastroenterologÃa. Acta Gastroenterologica Latinoamericana, 2021, 51, .	0.0	0
16	Psychological stress impairs IL22-driven protective gut mucosal immunity against colonising pathobionts. Nature Communications, 2021, 12, 6664.	5.8	26
17	A protocol for generating germ-free Heligmosomoides polygyrus bakeri larvae for gnotobiotic helminth infection studies. STAR Protocols, 2021, 2, 100946.	0.5	1
18	Mecanismos patogÃ©nicos del microbioma en la enfermedad inflamatoria intestinal: rol de la actividad proteolÃtica bacteriana. Acta Gastroenterologica Latinoamericana, 2021, 51, .	0.0	0

#	Article	IF	Citations
19	Investigation of the Gut Microbiome in Patients with Schizophrenia and Clozapine-Induced Weight Gain: Protocol and Clinical Characteristics of First Patient Cohorts. Neuropsychobiology, 2020, 79, 5-12.	0.9	11
20	The enemy within the gut: bacterial pathogens in celiac autoimmunity. Nature Structural and Molecular Biology, 2020, 27, 5-7.	3.6	5
21	Probiotics for Celiac Disease: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. American Journal of Gastroenterology, 2020, 115, 1584-1595.	0.2	40
22	Aryl hydrocarbon receptor ligand production by the gut microbiota is decreased in celiac disease leading to intestinal inflammation. Science Translational Medicine, 2020, 12, .	5.8	98
23	Association Between Inflammatory Bowel Diseases and Celiac Disease: A Systematic Review and Meta-Analysis. Gastroenterology, 2020, 159, 884-903.e31.	0.6	54
24	Microbial Regulation of Enteric Eosinophils and Its Impact on Tissue Remodeling and Th2 Immunity. Frontiers in Immunology, 2020, 11, 155.	2.2	36
25	Effects of Antibiotic Pretreatment of an Ulcerative Colitis-Derived Fecal Microbial Community on the Integration of Therapeutic Bacteria In Vitro. MSystems, 2020, 5, .	1.7	13
26	Metabolism of wheat proteins by intestinal microbes: Implications for wheat related disorders. GastroenterologÃa Y HepatologÃa (English Edition), 2019, 42, 449-457.	0.0	1
27	The impact of dietary fermentable carbohydrates on a postinflammatory model of irritable bowel syndrome. Neurogastroenterology and Motility, 2019, 31, e13675.	1.6	11
28	Celiac disease: should we care about microbes?. American Journal of Physiology - Renal Physiology, 2019, 317, G161-G170.	1.6	39
29	Lactobacilli Degrade Wheat Amylase Trypsin Inhibitors to Reduce Intestinal Dysfunction Induced by Immunogenic Wheat Proteins. Gastroenterology, 2019, 156, 2266-2280.	0.6	97
30	Duodenal bacterial proteolytic activity determines sensitivity to dietary antigen through protease-activated receptor-2. Nature Communications, 2019, 10, 1198.	5.8	102
31	Mechanisms by which gut microorganisms influence food sensitivities. Nature Reviews Gastroenterology and Hepatology, 2019, 16, 7-18.	8.2	75
32	Coeliac disease. Nature Reviews Disease Primers, 2019, 5, 3.	18.1	240
33	Small-Molecule Allosteric Triggers of Clostridium difficile Toxin B Auto-proteolysis as a Therapeutic Strategy. Cell Chemical Biology, 2019, 26, 17-26.e13.	2.5	11
34	Metabolism of wheat proteins by intestinal microbes: Implications for wheat related disorders. GastroenterologÃa Y HepatologÃa, 2019, 42, 449-457.	0.2	12
35	High salt diet exacerbates colitis in mice by decreasing Lactobacillus levels and butyrate production. Microbiome, 2018, 6, 57.	4.9	176
36	Commensal microbiota induces colonic barrier structure and functions that contribute to homeostasis. Scientific Reports, 2018, 8, 14184.	1.6	140

#	Article	IF	Citations
37	Inflammation-related differences in mucosa-associated microbiota and intestinal barrier function in colonic Crohnâ€™s disease. American Journal of Physiology - Renal Physiology, 2018, 315, G420-G431.	1.6	46
38	Nonâ€celiac gluten or wheat sensitivity: It's complicated!. Neurogastroenterology and Motility, 2018, 30, e13392.	1.6	17
39	Common ground: shared risk factors for type 1 diabetes and celiac disease. Nature Immunology, 2018, 19, 685-695.	7.0	33
40	Transplantation of fecal microbiota from patients with irritable bowel syndrome alters gut function and behavior in recipient mice. Science Translational Medicine, 2017, 9, .	5.8	366
41	Age-Associated Microbial Dysbiosis Promotes Intestinal Permeability, Systemic Inflammation, and Macrophage Dysfunction. Cell Host and Microbe, 2017, 21, 455-466.e4.	5.1	799
42	Safety of Adding Oats to a Gluten-Free Diet for Patients With Celiac Disease: Systematic Review and Meta-analysis of Clinical and Observational Studies. Gastroenterology, 2017, 153, 395-409.e3.	0.6	90
43	Bifidobacterium infantis NLS Super Strain Reduces the Expression of Î±-Defensin-5, a Marker of Innate Immunity, in the Mucosa of Active Celiac Disease Patients. Journal of Clinical Gastroenterology, 2017, 51, 814-817.	1.1	49
44	How infection can incite sensitivity to food. Science, 2017, 356, 29-30.	6.0	21
45	Dietary Triggers in Irritable Bowel Syndrome: Is There a Role for Gluten?. Journal of Neurogastroenterology and Motility, 2016, 22, 547-557.	0.8	51
46	Bifidobacterium animalis ssp. lactis CNCM-I2494 Restores Gut Barrier Permeability in Chronically Low-Grade Inflamed Mice. Frontiers in Microbiology, 2016, 7, 608.	1.5	50
47	Mechanisms of innate immune activation by gluten peptide p31-43 in mice. American Journal of Physiology - Renal Physiology, 2016, 311, G40-G49.	1.6	47
48	Duodenal Bacteria From Patients With Celiac Disease andÂHealthy Subjects Distinctly Affect Gluten BreakdownÂandÂImmunogenicity. Gastroenterology, 2016, 151, 670-683.	0.6	177
49	Fundamentals of Neurogastroenterology: Basic Science. Gastroenterology, 2016, 150, 1280-1291.	0.6	161
50	Novel perspectives on therapeutic modulation of the gut microbiota. Therapeutic Advances in Gastroenterology, 2016, 9, 580-593.	1.4	63
51	Non-coeliac gluten sensitivity: are we closer to separating the wheat from the chaff?. Gut, 2016, 65, 1921-1922.	6.1	15
52	Addressing proteolytic efficiency in enzymatic degradation therapy for celiac disease. Scientific Reports, 2016, 6, 30980.	1.6	54
53	Gluten Introduction, Breastfeeding, and Celiac Disease: Back to the Drawing Board. American Journal of Gastroenterology, 2016, 111, 12-14.	0.2	29
54	Gluten Introduction to Infant Feeding and Risk of Celiac Disease: Systematic Review and Meta-Analysis. Journal of Pediatrics, 2016, 168, 132-143.e3.	0.9	47

#	Article	IF	Citations
55	Ecobiotherapy Rich in Firmicutes Decreases Susceptibility to Colitis in a Humanized Gnotobiotic Mouse Model. Inflammatory Bowel Diseases, 2015, 21, 1883-1893.	0.9	83
56	Tax-Deductible Provisions for Gluten-Free Diet in Canada Compared with Systems for Gluten-Free Diet Coverage Available in Various Countries. Canadian Journal of Gastroenterology and Hepatology, 2015, 29, 104-110.	0.8	33
57	Anxiety and Depression Increase in a Stepwise Manner in Parallel With Multiple FGIDs and Symptom Severity and Frequency. American Journal of Gastroenterology, 2015, 110, 1038-1048.	0.2	108
58	Novel players in coeliac disease pathogenesis: role of the gut microbiota. Nature Reviews Gastroenterology and Hepatology, 2015, 12, 497-506.	8.2	200
59	Faecalibacterium prausnitzii prevents physiological damages in a chronic low-grade inflammation murine model. BMC Microbiology, 2015, 15, 67.	1.3	208
60	Motility Alterations in Celiac Disease and Non-Celiac Gluten Sensitivity. Digestive Diseases, 2015, 33, 200-207.	0.8	15
61	Pharmacological approaches in celiac disease. Current Opinion in Pharmacology, 2015, 25, 7-12.	1.7	31
62	Intestinal Microbiota Modulates Gluten-Induced Immunopathology in Humanized Mice. American Journal of Pathology, 2015, 185, 2969-2982.	1.9	106
63	Impaired hydrogen sulfide synthesis and IL-10 signaling underlie hyperhomocysteinemia-associated exacerbation of colitis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13559-13564.	3.3	79
64	Gut microbes and adverse food reactions: Focus on gluten related disorders. Gut Microbes, 2014, 5, 594-605.	4.3	37
65	The Commensal Bacterium Faecalibacterium prausnitzii Is Protective in DNBS-induced Chronic Moderate and Severe Colitis Models. Inflammatory Bowel Diseases, 2014, 20, 417-430.	0.9	204
66	Novel Role of the Serine Protease Inhibitor Elafin in Gluten-Related Disorders. American Journal of Gastroenterology, 2014, 109, 748-756.	0.2	56
67	The microbiotaâ€“gutâ€“brain axis in gastrointestinal disorders: stressed bugs, stressed brain or both?. Journal of Physiology, 2014, 592, 2989-2997.	1.3	242
68	Tu1749 Gluten-Induced Responses in NOD/DQ8 Mice Are Influenced by Bacterial Colonization. Gastroenterology, 2014, 146, S-833.	0.6	5
69	Intraluminal Administration of Poly I:C Causes an Enteropathy That Is Exacerbated by Administration of Oral Dietary Antigen. PLoS ONE, 2014, 9, e99236.	1.1	37
70	BL-7010 Demonstrates Specific Binding to Gliadin and Reduces Gluten-Associated Pathology in a Chronic Mouse Model of Gliadin Sensitivity. PLoS ONE, 2014, 9, e109972.	1.1	41
71	Modulation of intestinal barrier by intestinal microbiota: Pathological and therapeutic implications. Pharmacological Research, 2013, 69, 42-51.	3.1	350
72	Differential Induction of Antimicrobial REGIII by the Intestinal Microbiota and Bifidobacterium breve NCC2950. Applied and Environmental Microbiology, 2013, 79, 7745-7754.	1.4	84

#	Article	IF	Citations
73	Larazotide acetate regulates epithelial tight junctions in vitro and in vivo. Peptides, 2012, 35, 86-94.	1.2	96
74	The Chronic Gastrointestinal Consequences Associated With Campylobacter. Current Gastroenterology Reports, 2012, 14, 395-405.	1.1	52
75	The Copolymer P(HEMA-co-SS) Binds Gluten and Reduces Immune Response in Gluten-Sensitized Mice and Human Tissues. Gastroenterology, 2012, 142, 316-325.e12.	0.6	71
76	Su1990 The Role of Microbiota in the Maternal Separation Model of Depression. Gastroenterology, 2012, 142, S-554.	0.6	3
77	Chronic Gastrointestinal Consequences of Acute Infectious Diarrhea: Evolving Concepts in Epidemiology and Pathogenesis. American Journal of Gastroenterology, 2012, 107, 981-989.	0.2	47
78	Commensal and Probiotic Bacteria Influence Intestinal Barrier Function and Susceptibility to Colitis in Nod1â^'/â^';Nod2â^'/â^' Mice. Inflammatory Bowel Diseases, 2012, 18, 1434-1446.	0.9	114
79	Increased Bacterial Translocation in Gluten-Sensitive Mice Is Independent of Small Intestinal Paracellular Permeability Defect. Digestive Diseases and Sciences, 2012, 57, 38-47.	1.1	25
80	The Intestinal Microbiota Affect Central Levels of Brain-Derived Neurotropic Factor and Behavior in Mice. Gastroenterology, 2011, 141, 599-609.e3.	0.6	1,380
81	Testing for Gluten-Related Disorders in Clinical Practice: The Role of Serology in Managing the Spectrum of Gluten Sensitivity. Canadian Journal of Gastroenterology & Hepatology, 2011, 25, 193-197.	1.8	32
82	Sensitization to Gliadin Induces Moderate Enteropathy and Insulitis in Nonobese Diabetic-DQ8 Mice. Journal of Immunology, 2011, 187, 4338-4346.	0.4	62
83	Chronic Gastrointestinal Inflammation Induces Anxiety-Like Behavior and Alters Central Nervous System Biochemistry in Mice. Gastroenterology, 2010, 139, 2102-2112.e1.	0.6	553
84	Host Responses to Intestinal Microbial Antigens in Gluten-Sensitive Mice. PLoS ONE, 2009, 4, e6472.	1.1	63
85	Role of gut-brain axis in persistent abnormal feeding behavior in mice following eradication of Helicobacter pylori infection. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R587-R594.	0.9	55
86	Review: Effect of probiotics on gastrointestinal function: evidence from animal models. Therapeutic Advances in Gastroenterology, 2009, 2, S31-S35.	1.4	21
87	Polymeric Binders Suppress Gliadin-Induced Toxicity in the Intestinal Epithelium. Gastroenterology, 2009, 136, 288-298.	0.6	127
88	Innate and Adaptive Immunity Cooperate Flexibly to Maintain Host-Microbiota Mutualism. Science, 2009, 325, 617-620.	6.0	443
89	Between Celiac Disease and Irritable Bowel Syndrome: The â€œNo Man's Landâ€•of Gluten Sensitivity. American Journal of Gastroenterology, 2009, 104, 1587-1594.	0.2	267
90	The role of luminal factors in the recovery of gastric function and behavioral changes after chronicHelicobacter pyloriinfection. American Journal of Physiology - Renal Physiology, 2008, 295, G664-G670.	1.6	44

#	Article	IF	Citations
91	Lymphocyte-mediated regulation of Î²-endorphin in the myenteric plexus. American Journal of Physiology - Renal Physiology, 2007, 292, G344-G348.	1.6	23
92	CD4+ T-Cell Modulation of Visceral Nociception in Mice. Gastroenterology, 2006, 130, 1721-1728.	0.6	89
93	Antidepressants Attenuate Increased Susceptibility to Colitis in a Murine Model of Depression. Gastroenterology, 2006, 130, 1743-1753.	0.6	111
94	Is Irritable Bowel Syndrome a Low-Grade Inflammatory Bowel Disease?. Gastroenterology Clinics of North America, 2005, 34, 235-245.	1.0	165
95	Visceral hyperalgesia and intestinal dysmotility in a mouse model of postinfective gut dysfunction. Gastroenterology, 2004, 127, 179-187.	0.6	407
96	Lactobacillus paracasei normalizes muscle hypercontractility in a murine model of postinfective gut dysfunction. Gastroenterology, 2004, 127, 826-837.	0.6	171
97	Immune-mediated neural dysfunction in a murine model of chronic Helicobacter pylori infection. Gastroenterology, 2002, 123, 1205-1215.	0.6	68