Stephen M Collins

List of Publications by Year
in descending order

58 papers	9,427 citations	87723 38 h-index	149479 56 g-index
60 all docs	60 docs citations	60 times ranked	10838 citing authors

#	Article	IF	Citations
1	Metformin-induced reductions in tumor growth involves modulation of the gut microbiome. Molecular Metabolism, 2022, 61, 101498.	3.0	21
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	The Sphincter of Oâ€™Beirneâ€”Part 2: Report of a Case of Chronic Constipation with Autonomous Dyssynergia. Digestive Diseases and Sciences, 2021, 66, 3529-3541.	1.1	10
4	Transcriptional markers of excitation-inhibition balance in germ-free mice show region-specific dysregulation and rescue after bacterial colonization. Journal of Psychiatric Research, 2021, 135, 248-255.	1.5	9
5	Interrogating the Gut-Brain Axis in the Context of Inflammatory Bowel Disease: A Translational Approach. Inflammatory Bowel Diseases, 2020, 26, 493-501.	0.9	39
6	Modulation of Gut Microbiota Composition by Serotonin Signaling Influences Intestinal Immune Response and Susceptibility to Colitis. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 709-728.	2.3	132
7	Pregnancy outcomes in women taking probiotics or prebiotics: a systematic review and meta-analysis. BMC Pregnancy and Childbirth, 2018, 18, 14.	0.9	105
8	High salt diet exacerbates colitis in mice by decreasing Lactobacillus levels and butyrate production. Microbiome, 2018, 6, 57.	4.9	176
9	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
10	Probiotic Bifidobacterium longum NCC3001 Reduces Depression Scores and Alters Brain Activity: A Pilot Study in Patients With Irritable Bowel Syndrome. Gastroenterology, 2017, 153, 448-459.e8.	0.6	542
11	Capturing the diversity of the human gut microbiota through culture-enriched molecular profiling. Genome Medicine, 2016, 8, 72.	3.6	150
12	The long-term functional consequences of acute infectious diarrhea. Current Opinion in Gastroenterology, 2016, 32, 1-6.	1.0	8
13	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
14	The microbiota-gut-brain axis in functional gastrointestinal disorders. Gut Microbes, 2014, 5, 419-429.	4.3	112
15	A role for the gut microbiota in IBS. Nature Reviews Gastroenterology and Hepatology, 2014, 11, 497-505.	8.2	304
16	The Effects of Inflammation, Infection and Antibiotics on the Microbiota-Gut-Brain Axis. Advances in Experimental Medicine and Biology, 2014, 817, 279-289.	0.8	73
17	The microbiotaâ€“gutâ€“brain axis in gastrointestinal disorders: stressed bugs, stressed brain or both?. Journal of Physiology, 2014, 592, 2989-2997.	1.3	242
18	Interleukin-15 Modulates Adipose Tissue by Altering Mitochondrial Mass and Activity. PLoS ONE, 2014, 9, e114799.	1.1	31

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19	The adoptive transfer of behavioral phenotype via the intestinal microbiota: experimental evidence and clinical implications. Current Opinion in Microbiology, 2013, 16, 240-245.	2.3	180
20	Intestinal bacteria influence brain activity in healthy humans. Nature Reviews Gastroenterology and Hepatology, 2013, 10, 326-327.	8.2	49
21	Postinfectious Chronic Gut Dysfunction: From Bench to Bedside. American Journal of Gastroenterology Supplements (Print), 2012, 1, 2-8.	0.7	21
22	The interplay between the intestinal microbiota and the brain. Nature Reviews Microbiology, 2012, 10, 735-742.	13.6	1,249
23	Su1990 The Role of Microbiota in the Maternal Separation Model of Depression. Gastroenterology, 2012, 142, S-554.	0.6	3
24	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
25	Adoptive transfer of macrophage from mice with depression-like behavior enhances susceptibility to colitis. Inflammatory Bowel Diseases, 2011, 17, 1474-1489.	0.9	33
26	Eight year prognosis of postinfectious irritable bowel syndrome following waterborne bacterial dysentery. Gut, 2010, 59, 605-611.	6.1	189
27	Prevalence of Uninvestigated Dyspepsia 8 Years After a Large Waterborne Outbreak of Bacterial Dysentery: A Cohort Study. Gastroenterology, 2010, 138, 1727-1736.	0.6	75
28	Chronic Gastrointestinal Inflammation Induces Anxiety-Like Behavior and Alters Central Nervous System Biochemistry in Mice. Gastroenterology, 2010, 139, 2102-2112.e1.	0.6	553
29	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
30	Reactivation of Inflammatory Bowel Disease in a Mouse Model of Depression. Gastroenterology, 2009, 136, 2280-2288.e4.	0.6	147
31	The Relationship Between Intestinal Microbiota and the Central Nervous System in Normal Gastrointestinal Function and Disease. Gastroenterology, 2009, 136, 2003-2014.	0.6	492
32	Impaired parasympathetic function increases susceptibility to inflammatory bowel disease in a mouse model of depression. Journal of Clinical Investigation, 2008, 118, 2209-18.	3.9	175
33	Vagus nerve integrity and experimental colitis. American Journal of Physiology - Renal Physiology, 2007, 293, G560-G567.	1.6	83
34	Translating symptoms into mechanisms: functional GI disorders. American Journal of Physiology - Advances in Physiology Education, 2007, 31, 329-331.	0.8	11
35	Recommendations on Chronic Constipation (Including Constipation Associated with Irritable Bowel) Tj ETQq1 1 0.784314 rgBT /Over	1.8	57
36	Fundamentals of Neurogastroenterology: Basic Science. Gastroenterology, 2006, 130, 1391-1411.	0.6	241

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37	Antidepressants Attenuate Increased Susceptibility to Colitis in a Murine Model of Depression. Gastroenterology, 2006, 130, 1743-1753.	0.6	111
38	Incidence and Epidemiology of Irritable Bowel Syndrome After a Large Waterborne Outbreak of Bacterial Dysentery. Gastroenterology, 2006, 131, 445-450.	0.6	338
39	The Vagus Nerve: A Tonic Inhibitory Influence Associated With Inflammatory Bowel Disease in a Murine Model. Gastroenterology, 2006, 131, 1122-1130.	0.6	361
40	The Incidence of Irritable Bowel Syndrome Among Community Subjects With Previous Acute Enteric Infection. Digestive Diseases and Sciences, 2006, 51, 1026-1032.	1.1	58
41	Lactobacillus paracasei normalizes muscle hypercontractility in a murine model of postinfective gut dysfunction. Gastroenterology, 2004, 127, 826-837.	0.6	171
42	The Establishment of a National Tissue Bank for Inflammatory Bowel Disease Research in Canada. Canadian Journal of Gastroenterology & Hepatology, 2003, 17, 107-109.	1.8	11
43	Pathology of Interstitial Cells of Cajal in Relation to Inflammation Revealed by Ultrastructure But Not Immunohistochemistry. American Journal of Pathology, 2002, 160, 1529-1540.	1.9	77
44	Immune-mediated neural dysfunction in a murine model of chronic Helicobacter pylori infection. Gastroenterology, 2002, 123, 1205-1215.	0.6	68
45	IV. Modulation of intestinal inflammation by stress: basic mechanisms and clinical relevance. American Journal of Physiology - Renal Physiology, 2001, 280, G315-G318.	1.6	173
46	Peripheral Mechanisms of Symptom Generation in Irritable Bowel Syndrome. Canadian Journal of Gastroenterology & Hepatology, 2001, 15, 14B-16B.	1.8	18
47	Neural change inTrichinella-infected mice is MHC II independent and involves M-CSF-derived macrophages. American Journal of Physiology - Renal Physiology, 2001, 281, G151-G158.	1.6	17
48	A Canadian Perspective on the Management of Irritable Bowel Syndrome. Canadian Journal of Gastroenterology & Hepatology, 2001, 15, 4B-4B.	1.8	0
49	Interstitial cells of Cajal and inflammation-induced motor dysfunction in the mouse small intestine. Gastroenterology, 2000, 119, 1590-1599.	0.6	132
50	Alterations in Enteric Nerve and Smooth-Muscle Function in Inflammatory Bowel Diseases. Inflammatory Bowel Diseases, 1997, 3, 38-48.	0.9	15
51	Alterations in enteric nerve and smooth-muscle function in inflammatory bowel diseases. Inflammatory Bowel Diseases, 1997, 3, 38-48.	0.9	14
52	Role of Smooth Muscle in Intestinal Inflammation. Canadian Journal of Gastroenterology & Hepatology, 1996, 10, 249-253.	1.8	1
53	Experimental colitis alters myenteric nerve function at inflamed and noninflamed sites in the rat. Gastroenterology, 1995, 109, 718-722.	0.6	132
54	What Will Research Tell Us About the Future in IBD?. Canadian Journal of Gastroenterology & Hepatology, 1993, 7, 51-54.	1.8	0

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55	T-lymphocyte modulation of intestinal muscle function in the Trichinella-infected rat. Gastroenterology, 1991, 101, 31-38.	0.6	64
56	Upper esophageal sphincter tone and reactivity to stress in patients with a history of globus sensation. Digestive Diseases and Sciences, 1989, 34, 672-676.	1.1	95
57	Influence of recording techniques on measurement of canine colonic motility. Digestive Diseases and Sciences, 1988, 33, 999-1006.	1.1	14
58	Measurement of upper esophageal sphincter pressure. Gastroenterology, 1987, 93, 526-532.	0.6	95