

# Stephen M Collins

## List of Publications by Year in descending order

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58  
papers

9,427  
citations

87888

38  
h-index

149698

56  
g-index

60  
all docs

60  
docs citations

60  
times ranked

10838  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Intestinal Microbiota Affect Central Levels of Brain-Derived Neurotropic Factor and Behavior in Mice. <i>Gastroenterology</i> , 2011, 141, 599-609.e3.	1.3	1,380
2	The interplay between the intestinal microbiota and the brain. <i>Nature Reviews Microbiology</i> , 2012, 10, 735-742.	28.6	1,249
3	Chronic Gastrointestinal Inflammation Induces Anxiety-Like Behavior and Alters Central Nervous System Biochemistry in Mice. <i>Gastroenterology</i> , 2010, 139, 2102-2112.e1.	1.3	553
4	Probiotic <i>Bifidobacterium longum</i> NCC3001 Reduces Depression Scores and Alters Brain Activity: A Pilot Study in Patients With Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2017, 153, 448-459.e8.	1.3	542
5	The Relationship Between Intestinal Microbiota and the Central Nervous System in Normal Gastrointestinal Function and Disease. <i>Gastroenterology</i> , 2009, 136, 2003-2014.	1.3	492
6	Transplantation of fecal microbiota from patients with irritable bowel syndrome alters gut function and behavior in recipient mice. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	366
7	The Vagus Nerve: A Tonic Inhibitory Influence Associated With Inflammatory Bowel Disease in a Murine Model. <i>Gastroenterology</i> , 2006, 131, 1122-1130.	1.3	361
8	Incidence and Epidemiology of Irritable Bowel Syndrome After a Large Waterborne Outbreak of Bacterial Dysentery. <i>Gastroenterology</i> , 2006, 131, 445-450.	1.3	338
9	A role for the gut microbiota in IBS. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014, 11, 497-505.	17.8	304
10	The microbiotaâ€“gutâ€“brain axis in gastrointestinal disorders: stressed bugs, stressed brain or both?. <i>Journal of Physiology</i> , 2014, 592, 2989-2997.	2.9	242
11	Fundamentals of Neurogastroenterology: Basic Science. <i>Gastroenterology</i> , 2006, 130, 1391-1411.	1.3	241
12	Eight year prognosis of postinfectious irritable bowel syndrome following waterborne bacterial dysentery. <i>Gut</i> , 2010, 59, 605-611.	12.1	189
13	The adoptive transfer of behavioral phenotype via the intestinal microbiota: experimental evidence and clinical implications. <i>Current Opinion in Microbiology</i> , 2013, 16, 240-245.	5.1	180
14	High salt diet exacerbates colitis in mice by decreasing <i>Lactobacillus</i> levels and butyrate production. <i>Microbiome</i> , 2018, 6, 57.	11.1	176
15	Impaired parasympathetic function increases susceptibility to inflammatory bowel disease in a mouse model of depression. <i>Journal of Clinical Investigation</i> , 2008, 118, 2209-18.	8.2	175
16	IV. Modulation of intestinal inflammation by stress: basic mechanisms and clinical relevance. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, G315-G318.	3.4	173
17	<i>Lactobacillus paracasei</i> normalizes muscle hypercontractility in a murine model of postinfective gut dysfunction. <i>Gastroenterology</i> , 2004, 127, 826-837.	1.3	171
18	Capturing the diversity of the human gut microbiota through culture-enriched molecular profiling. <i>Genome Medicine</i> , 2016, 8, 72.	8.2	150

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19	Reactivation of Inflammatory Bowel Disease in a Mouse Model of Depression. <i>Gastroenterology</i> , 2009, 136, 2280-2288.e4.	1.3	147
20	Experimental colitis alters myenteric nerve function at inflamed and noninflamed sites in the rat. <i>Gastroenterology</i> , 1995, 109, 718-722.	1.3	132
21	Interstitial cells of Cajal and inflammation-induced motor dysfunction in the mouse small intestine. <i>Gastroenterology</i> , 2000, 119, 1590-1599.	1.3	132
22	Modulation of Gut Microbiota Composition by Serotonin Signaling Influences Intestinal Immune Response and Susceptibility to Colitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 709-728.	4.5	132
23	The microbiota-gut-brain axis in functional gastrointestinal disorders. <i>Gut Microbes</i> , 2014, 5, 419-429.	9.8	112
24	Antidepressants Attenuate Increased Susceptibility to Colitis in a Murine Model of Depression. <i>Gastroenterology</i> , 2006, 130, 1743-1753.	1.3	111
25	Anxiety and Depression Increase in a Stepwise Manner in Parallel With Multiple FGIDs and Symptom Severity and Frequency. <i>American Journal of Gastroenterology</i> , 2015, 110, 1038-1048.	0.4	108
26	Pregnancy outcomes in women taking probiotics or prebiotics: a systematic review and meta-analysis. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 14.	2.4	105
27	Measurement of upper esophageal sphincter pressure. <i>Gastroenterology</i> , 1987, 93, 526-532.	1.3	95
28	Upper esophageal sphincter tone and reactivity to stress in patients with a history of globus sensation. <i>Digestive Diseases and Sciences</i> , 1989, 34, 672-676.	2.3	95
29	Vagus nerve integrity and experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G560-G567.	3.4	83
30	Pathology of Interstitial Cells of Cajal in Relation to Inflammation Revealed by Ultrastructure But Not Immunohistochemistry. <i>American Journal of Pathology</i> , 2002, 160, 1529-1540.	3.8	77
31	Prevalence of Uninvestigated Dyspepsia 8 Years After a Large Waterborne Outbreak of Bacterial Dysentery: A Cohort Study. <i>Gastroenterology</i> , 2010, 138, 1727-1736.	1.3	75
32	The Effects of Inflammation, Infection and Antibiotics on the Microbiota-Gut-Brain Axis. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 279-289.	1.6	73
33	Immune-mediated neural dysfunction in a murine model of chronic <i>Helicobacter pylori</i> infection. <i>Gastroenterology</i> , 2002, 123, 1205-1215.	1.3	68
34	T-lymphocyte modulation of intestinal muscle function in the <i>Trichinella</i> -infected rat. <i>Gastroenterology</i> , 1991, 101, 31-38.	1.3	64
35	The Incidence of Irritable Bowel Syndrome Among Community Subjects With Previous Acute Enteric Infection. <i>Digestive Diseases and Sciences</i> , 2006, 51, 1026-1032.	2.3	58
36	Recommendations on Chronic Constipation (Including Constipation Associated with Irritable Bowel) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.7	57

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37	Role of gut-brain axis in persistent abnormal feeding behavior in mice following eradication of <i>Helicobacter pylori</i> infection. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R587-R594.	1.8	55
38	Intestinal bacteria influence brain activity in healthy humans. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 326-327.	17.8	49
39	Interrogating the Gut-Brain Axis in the Context of Inflammatory Bowel Disease: A Translational Approach. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 493-501.	1.9	39
40	Adoptive transfer of macrophage from mice with depression-like behavior enhances susceptibility to colitis. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 1474-1489.	1.9	33
41	Interleukin-15 Modulates Adipose Tissue by Altering Mitochondrial Mass and Activity. <i>PLoS ONE</i> , 2014, 9, e114799.	2.5	31
42	Gluten-Free Diet Reduces Symptoms, Particularly Diarrhea, in Patients With Irritable Bowel Syndrome and Antigliadin IgG. <i>Clinical Gastroenterology and Hepatology</i> , 2021, 19, 2343-2352.e8.	4.4	30
43	Postinfectious Chronic Gut Dysfunction: From Bench to Bedside. <i>American Journal of Gastroenterology Supplements (Print)</i> , 2012, 1, 2-8.	0.7	21
44	Metformin-induced reductions in tumor growth involves modulation of the gut microbiome. <i>Molecular Metabolism</i> , 2022, 61, 101498.	6.5	21
45	Peripheral Mechanisms of Symptom Generation in Irritable Bowel Syndrome. <i>Canadian Journal of Gastroenterology &amp; Hepatology</i> , 2001, 15, 14B-16B.	1.7	18
46	Neural change in <i>Trichinella</i> -infected mice is MHC II independent and involves M-CSF-derived macrophages. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G151-G158.	3.4	17
47	Alterations in Enteric Nerve and Smooth-Muscle Function in Inflammatory Bowel Diseases. <i>Inflammatory Bowel Diseases</i> , 1997, 3, 38-48.	1.9	15
48	Influence of recording techniques on measurement of canine colonic motility. <i>Digestive Diseases and Sciences</i> , 1988, 33, 999-1006.	2.3	14
49	Alterations in enteric nerve and smooth-muscle function in inflammatory bowel diseases. <i>Inflammatory Bowel Diseases</i> , 1997, 3, 38-48.	1.9	14
50	The Establishment of a National Tissue Bank for Inflammatory Bowel Disease Research in Canada. <i>Canadian Journal of Gastroenterology &amp; Hepatology</i> , 2003, 17, 107-109.	1.7	11
51	Translating symptoms into mechanisms: functional GI disorders. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2007, 31, 329-331.	1.6	11
52	The Sphincter of Oâ€™Beirneâ€™ Part 2: Report of a Case of Chronic Constipation with Autonomous Dyssynergia. <i>Digestive Diseases and Sciences</i> , 2021, 66, 3529-3541.	2.3	10
53	Transcriptional markers of excitation-inhibition balance in germ-free mice show region-specific dysregulation and rescue after bacterial colonization. <i>Journal of Psychiatric Research</i> , 2021, 135, 248-255.	3.1	9
54	The long-term functional consequences of acute infectious diarrhea. <i>Current Opinion in Gastroenterology</i> , 2016, 32, 1-6.	2.3	8

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55	Su1990 The Role of Microbiota in the Maternal Separation Model of Depression. <i>Gastroenterology</i> , 2012, 142, S-554.	1.3	3
56	Role of Smooth Muscle in Intestinal Inflammation. <i>Canadian Journal of Gastroenterology &amp; Hepatology</i> , 1996, 10, 249-253.	1.7	1
57	What Will Research Tell Us About the Future in IBD?. <i>Canadian Journal of Gastroenterology &amp; Hepatology</i> , 1993, 7, 51-54.	1.7	0
58	A Canadian Perspective on the Management of Irritable Bowel Syndrome. <i>Canadian Journal of Gastroenterology &amp; Hepatology</i> , 2001, 15, 4B-4B.	1.7	0