

# Henrik SjÅvall

## List of Publications by Year in descending order

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36  
papers

4,748  
citations

279487

23  
h-index

377514

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

6485  
citing authors

#	ARTICLE	IF	CITATIONS
1	The gastrointestinal mucus system in health and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 352-361.	8.2	1,026
2	Bacteria penetrate the normally impenetrable inner colon mucus layer in both murine colitis models and patients with ulcerative colitis. <i>Gut</i> , 2014, 63, 281-291.	6.1	717
3	Composition and functional role of the mucus layers in the intestine. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3635-3641.	2.4	404
4	Bicarbonate and functional CFTR channel are required for proper mucin secretion and link cystic fibrosis with its mucus phenotype. <i>Journal of Experimental Medicine</i> , 2012, 209, 1263-1272.	4.2	292
5	Bacteria Penetrate the Inner Mucus Layer before Inflammation in the Dextran Sulfate Colitis Model. <i>PLoS ONE</i> , 2010, 5, e12238.	1.1	288
6	Structural weakening of the colonic mucus barrier is an early event in ulcerative colitis pathogenesis. <i>Gut</i> , 2019, 68, 2142-2151.	6.1	271
7	Altered O-glycosylation profile of MUC2 mucin occurs in active ulcerative colitis and is associated with increased inflammation. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 2299-2307.	0.9	243
8	A complex, but uniform O-glycosylation of the human MUC2 mucin from colonic biopsies analyzed by nanoLC/MSn. <i>Glycobiology</i> , 2009, 19, 756-766.	1.3	216
9	An ex vivo method for studying mucus formation, properties, and thickness in human colonic biopsies and mouse small and large intestinal explants. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G430-G438.	1.6	181
10	Functional CD4+CD25high regulatory T cells are enriched in the colonic mucosa of patients with active ulcerative colitis and increase with disease activity. <i>Inflammatory Bowel Diseases</i> , 2006, 12, 447-456.	0.9	162
11	T-Cell Activation in Patients With Irritable Bowel Syndrome. <i>American Journal of Gastroenterology</i> , 2009, 104, 1205-1212.	0.2	145
12	Spontaneous Colitis in Muc2-Deficient Mice Reflects Clinical and Cellular Features of Active Ulcerative Colitis. <i>PLoS ONE</i> , 2014, 9, e100217.	1.1	93
13	A Controlled Study of Colonic Immune Activity and $\gamma$ 27 Blood T Lymphocytes in Patients With Irritable Bowel Syndrome. <i>Clinical Gastroenterology and Hepatology</i> , 2005, 3, 980-986.	2.4	88
14	The effect of vasodilatation and sympathetic nerve activation on net water absorption in the cat's small intestine. <i>Acta Physiologica Scandinavica</i> , 1979, 106, 61-68.	2.3	79
15	Anxiety and depression in irritable bowel syndrome: Exploring the interaction with other symptoms and pathophysiology using multivariate analyses. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13619.	1.6	66
16	The effect of splanchnic nerve stimulation on blood flow distribution, villous tissue osmolality and fluid and electrolyte transport in the small intestine of the cat. <i>Acta Physiologica Scandinavica</i> , 1983, 117, 359-365.	2.3	51
17	Dynamic Changes in Mucus Thickness and Ion Secretion during <i>Citrobacter rodentium</i> Infection and Clearance. <i>PLoS ONE</i> , 2013, 8, e84430.	1.1	44
18	On the mode of action of the sympathetic fibres on intestinal fluid transport: Evidence for the existence of a glucose-stimulated secretory nervous pathway in the intestinal wall. <i>Acta Physiologica Scandinavica</i> , 1983, 119, 39-48.	2.3	43

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19	Abnormal levels of neuropeptide Y and peptide YY in the colon in irritable bowel syndrome. <i>European Journal of Gastroenterology and Hepatology</i> , 2003, 15, 55-62.	0.8	40
20	The effect of vagal nerve stimulation on net fluid transport in the small intestine of the cat. <i>Acta Physiologica Scandinavica</i> , 1983, 117, 351-357.	2.3	33
21	Further evidence for a glucose-activated secretory mechanism in the jejunum of the cat. <i>Acta Physiologica Scandinavica</i> , 1984, 120, 437-443.	2.3	29
22	Changes in Muscle Sympathetic Nerve Activity, Venous Plasma Catecholamines, and Calf Vascular Resistance during Mechanical Ventilation with PEEP in Humans. <i>Anesthesiology</i> , 1989, 70, 243-250.	1.3	28
23	Pharmacokinetic study of esomeprazole in patients with hepatic impairment. <i>European Journal of Gastroenterology and Hepatology</i> , 2002, 14, 491-496.	0.8	28
24	A pilot study of colonic B cell pattern in irritable bowel syndrome. <i>Scandinavian Journal of Gastroenterology</i> , 2008, 43, 1461-1466.	0.6	24
25	Are the definitions for chronic diarrhoea adequate? Evaluation of two different definitions in patients with chronic diarrhoea. <i>United European Gastroenterology Journal</i> , 2015, 3, 381-386.	1.6	24
26	FOXP3-expressing CD4 <sup>+</sup> T-cell Numbers Increase in Areas of Duodenal Gastric Metaplasia and are Associated to CD4 <sup>+</sup> T-cell Aggregates in the Duodenum of <i>Helicobacter pylori</i> -infected Duodenal Ulcer Patients. <i>Helicobacter</i> , 2009, 14, 192-201.	1.6	23
27	Carbachol-induced colonic mucus formation requires transport via NKCC1, K <sup>+</sup> channels and CFTR. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 1403-1415.	1.3	23
28	Increased TLR2 expression on blood monocytes in irritable bowel syndrome patients. <i>European Journal of Gastroenterology and Hepatology</i> , 2012, 24, 1.	0.8	21
29	The importance of nervous and humoral factors in the control of vascular resistance, blood flow distribution and net fluid absorption in the cat small intestine during hemorrhage. <i>Acta Physiologica Scandinavica</i> , 1984, 121, 305-315.	2.3	16
30	Associations among neurophysiology measures in irritable bowel syndrome (IBS) and their relevance for IBS symptoms. <i>Scientific Reports</i> , 2020, 10, 9794.	1.6	14
31	Enteric Neural Regulation of Mucosal Secretion. , 2012, , 769-790.		13
32	The adrenergic influence on intestinal secretion in cholera. <i>Acta Physiologica Scandinavica</i> , 1982, 115, 157-158.	2.3	11
33	Afferent vagal control of fluid absorption in the feline jejunum. <i>Acta Physiologica Scandinavica</i> , 1985, 125, 125-133.	2.3	7
34	Pretreatment Tumor DNA Sequencing of KIT and PDGFRA in Endosonography-Guided Biopsies Optimizes the Preoperative Management of Gastrointestinal Stromal Tumors. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 201-214.	1.6	4
35	Coordination between intestinal motility and secretion in patients with diarrhea-prone and constipation-prone irritable bowel syndrome (IBS). <i>Gastroenterology</i> , 2001, 120, A713.	0.6	1
36	Response. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju330-dju330.	3.0	0