

Henrik Sj  vall

List of Publications by Year in descending order

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36
papers

4,748
citations

279798
23
h-index

377865
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.	17.8	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.	12.1	717
3	Composition and functional role of the mucus layers in the intestine. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3635-3641.	5.4	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.	8.5	292
5	Bacteria Penetrate the Inner Mucus Layer before Inflammation in the Dextran Sulfate Colitis Model. <i>PLoS ONE</i> , 2010, 5, e12238.	2.5	288
6	Structural weakening of the colonic mucus barrier is an early event in ulcerative colitis pathogenesis. <i>Gut</i> , 2019, 68, 2142-2151.	12.1	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.	1.9	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.	2.5	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.	3.4	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.	1.9	162
11	T-Cell Activation in Patients With Irritable Bowel Syndrome. <i>American Journal of Gastroenterology</i> , 2009, 104, 1205-1212.	0.4	145
12	Spontaneous Colitis in Muc2-Deficient Mice Reflects Clinical and Cellular Features of Active Ulcerative Colitis. <i>PLoS ONE</i> , 2014, 9, e100217.	2.5	93
13	A Controlled Study of Colonic Immune Activity and $\gamma\delta$ T Lymphocytes in Patients With Irritable Bowel Syndrome. <i>Clinical Gastroenterology and Hepatology</i> , 2005, 3, 980-986.	4.4	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.	2.2	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.	3.0	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.	2.2	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.	2.5	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.	2.2	43

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19	Abnormal levels of neuropeptide Y and peptide YY in the colon in irritable bowel syndrome. European Journal of Gastroenterology and Hepatology, 2003, 15, 55-62.	1.6	40
20	The effect of vagal nerve stimulation on net fluid transport in the small intestine of the cat. Acta Physiologica Scandinavica, 1983, 117, 351-357.	2.2	33
21	Further evidence for a glucose-activated secretory mechanism in the jejunum of the cat. Acta Physiologica Scandinavica, 1984, 120, 437-443.	2.2	29
22	Changes in Muscle Sympathetic Nerve Activity, Venous Plasma Catecholamines, and Calf Vascular Resistance during Mechanical Ventilation with PEEP in Humans. Anesthesiology, 1989, 70, 243-250.	2.5	28
23	Pharmacokinetic study of esomeprazole in patients with hepatic impairment. European Journal of Gastroenterology and Hepatology, 2002, 14, 491-496.	1.6	28
24	A pilot study of colonic B cell pattern in irritable bowel syndrome. Scandinavian Journal of Gastroenterology, 2008, 43, 1461-1466.	1.5	24
25	Are the definitions for chronic diarrhoea adequate? Evaluation of two different definitions in patients with chronic diarrhoea. United European Gastroenterology Journal, 2015, 3, 381-386.	3.8	24
26	FOXP3-expressing CD4 ⁺ T-cell Numbers Increase in Areas of Duodenal Gastric Metaplasia and are Associated to CD4 ⁺ T-cell Aggregates in the Duodenum of <i>Helicobacter pylori</i> -infected Duodenal Ulcer Patients. Helicobacter, 2009, 14, 192-201.	3.5	23
27	Carbachol-induced colonic mucus formation requires transport via NKCC1, K ⁺ channels and CFTR. Pflugers Archiv European Journal of Physiology, 2015, 467, 1403-1415.	2.8	23
28	Increased TLR2 expression on blood monocytes in irritable bowel syndrome patients. European Journal of Gastroenterology and Hepatology, 2012, 24, 1.	1.6	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. Acta Physiologica Scandinavica, 1984, 121, 305-315.	2.2	16
30	Associations among neurophysiology measures in irritable bowel syndrome (IBS) and their relevance for IBS symptoms. Scientific Reports, 2020, 10, 9794.	3.3	14
31	Enteric Neural Regulation of Mucosal Secretion. , 2012, , 769-790.		13
32	The adrenergic influence on intestinal secretion in cholera. Acta Physiologica Scandinavica, 1982, 115, 157-158.	2.2	11
33	Afferent vagal control of fluid absorption in the feline jejunum. Acta Physiologica Scandinavica, 1985, 125, 125-133.	2.2	7
34	Pretreatment Tumor DNA Sequencing of KIT and PDGFRA in Endosonography-Guided Biopsies Optimizes the Preoperative Management of Gastrointestinal Stromal Tumors. Molecular Diagnosis and Therapy, 2020, 24, 201-214.	3.8	4
35	Coordination between intestinal motility and secretion in patients with diarrhea-prone and constipation-prone irritable bowel syndrome (IBS). Gastroenterology, 2001, 120, A713.	1.3	1
36	Response. Journal of the National Cancer Institute, 2014, 106, dju330-dju330.	6.3	0