

Oliver Bachmann

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

2,259
citations

24
h-index

47
g-index

59
ext. papers

2,897
ext. citations

4.6
avg, IF

4.28
L-index

#	Paper	IF	Citations
47	ECCO Guidelines on Therapeutics in Crohn's Disease: Medical Treatment. <i>Journal of Crohn's and Colitis</i> , 2020 , 14, 4-22	1.5	320
46	Diagnosis, monitoring and management of immune-related adverse drug reactions of anti-PD-1 antibody therapy. <i>Cancer Treatment Reviews</i> , 2016 , 45, 7-18	14.4	264
45	Myeloid-derived suppressor cells in inflammatory bowel disease: a new immunoregulatory pathway. <i>Gastroenterology</i> , 2008 , 135, 871-81, 881.e1-5	13.3	231
44	ECCO Guidelines on Therapeutics in Crohn's Disease: Surgical Treatment. <i>Journal of Crohn's and Colitis</i> , 2020 , 14, 155-168	1.5	122
43	Vedolizumab induction therapy for inflammatory bowel disease in clinical practice--a nationwide consecutive German cohort study. <i>Alimentary Pharmacology and Therapeutics</i> , 2016 , 43, 1090-102	6.1	119
42	Use of Intestinal Ultrasound to Monitor Crohn's Disease Activity. <i>Clinical Gastroenterology and Hepatology</i> , 2017 , 15, 535-542.e2	6.9	87
41	Apoptosis of regulatory T lymphocytes is increased in chronic inflammatory bowel disease and reversed by anti-TNF treatment. <i>Gut</i> , 2011 , 60, 1345-53	19.2	78
40	The Na ⁺ /H ⁺ exchanger isoform 2 is the predominant NHE isoform in murine colonic crypts and its lack causes NHE3 upregulation. <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 287, G125-33	5.1	70
39	Loss of downregulated in adenoma (DRA) impairs mucosal HCO ₃ ⁻ secretion in murine ileocolonic inflammation. <i>Inflammatory Bowel Diseases</i> , 2012 , 18, 101-11	4.5	62
38	NHE3 inhibition by cAMP and Ca ²⁺ is abolished in PDZ-domain protein PDZK1-deficient murine enterocytes. <i>Journal of Physiology</i> , 2007 , 581, 1235-46	3.9	55
37	Transcutaneous perianal sonography: a sensitive method for the detection of perianal inflammatory lesions in Crohn's disease. <i>World Journal of Gastroenterology</i> , 2004 , 10, 2859-63	5.6	55
36	Na ⁺ /HCO ₃ ⁻ cotransport and expression of NBC1 and NBC2 in rabbit gastric parietal and mucous cells. <i>Gastroenterology</i> , 1999 , 116, 1389-98	13.3	51
35	Differential expression and regulation of Na ⁽⁺⁾ /H ⁽⁺⁾ exchanger isoforms in rabbit parietal and mucous cells. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 281, G447-58	5.1	48
34	Preserved Na ⁽⁺⁾ /H ⁽⁺⁾ exchanger isoform 3 expression and localization, but decreased NHE3 function indicate regulatory sodium transport defect in ulcerative colitis. <i>Inflammatory Bowel Diseases</i> , 2010 , 16, 1149-61	4.5	47
33	Serotonin 5-HT ₇ receptor is critically involved in acute and chronic inflammation of the gastrointestinal tract. <i>Inflammatory Bowel Diseases</i> , 2014 , 20, 1516-29	4.5	45
32	Differential expression and regulation of AE2 anion exchanger subtypes in rabbit parietal and mucous cells. <i>Journal of Physiology</i> , 2001 , 534, 837-48	3.9	43
31	Basolateral ion transporters involved in colonic epithelial electrolyte absorption, anion secretion and cellular homeostasis. <i>Acta Physiologica</i> , 2011 , 201, 33-46	5.6	41

30	Alcohol, microbiome, and their effect on psychiatric disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 85, 105-115	5.5	36
29	A Randomised, Double-blind, Placebo-controlled Trial of Trichuris suis ova in Active Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2017 , 11, 390-399	1.5	36
28	Carbachol increases Na ⁺ -HCO ₃ ⁻ cotransport activity in murine colonic crypts in a M3-, Ca ²⁺ /calmodulin-, and PKC-dependent manner. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 291, G650-7	5.1	35
27	Expression and regulation of the Na ⁺ -K ⁺ -2Cl ⁻ cotransporter NKCC1 in the normal and CFTR-deficient murine colon. <i>Journal of Physiology</i> , 2003 , 549, 525-36	3.9	30
26	Knockout mouse models for intestinal electrolyte transporters and regulatory PDZ adaptors: new insights into cystic fibrosis, secretory diarrhoea and fructose-induced hypertension. <i>Experimental Physiology</i> , 2009 , 94, 175-9	2.4	29
25	Evidence for a causal link between adaptor protein PDZK1 downregulation and Na ⁺ /H ⁺ exchanger NHE3 dysfunction in human and murine colitis. <i>Pflügers Archiv European Journal of Physiology</i> , 2015 , 467, 1795-807	4.6	27
24	News from the end of the gut--how the highly segmental pattern of colonic HCO ₃ ⁻ transport relates to absorptive function and mucosal integrity. <i>Biological and Pharmaceutical Bulletin</i> , 2011 , 34, 794-802	2.3	25
23	Essential role of the electroneutral Na ⁺ -HCO ₃ ⁻ cotransporter NBCn1 in murine duodenal acid-base balance and colonic mucus layer build-up in vivo. <i>Journal of Physiology</i> , 2013 , 591, 2189-204	3.9	23
22	Increased epithelial permeability is the primary cause for bicarbonate loss in inflamed murine colon. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 904-11	4.5	23
21	Secretagogue stimulation enhances NBCe1 (electrogenic Na ⁽⁺⁾ /HCO ₃ ⁽⁻⁾ cotransporter) surface expression in murine colonic crypts. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, G1223-31	5.1	23
20	Detection of cytomegalovirus (CMV) by real-time PCR in fecal samples for the non-invasive diagnosis of CMV intestinal disease. <i>Journal of Clinical Virology</i> , 2014 , 61, 517-22	14.5	22
19	BaiCD gene cluster abundance is negatively correlated with Clostridium difficile infection. <i>PLoS ONE</i> , 2018 , 13, e0196977	3.7	20
18	Mechanisms of secretion-associated shrinkage and volume recovery in cultured rabbit parietal cells. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, G711-7	5.1	19
17	ECCO Guidelines on Therapeutics in Ulcerative Colitis: Medical Treatment. <i>Journal of Crohn's and Colitis</i> , 2021 ,	1.5	19
16	Non-celiac gluten/wheat sensitivity (NCGS)--currently undefined disorder without validated diagnostic criteria and of unknown prevalence: Position statement of the task force on food allergy of the German Society of Allergology and Clinical Immunology (DGAKI). <i>Allergo Journal International</i> , 2018 , 27, 147-151	1.5	19
15	Expression and function of Na ⁺ -HCO ₃ ⁻ cotransporters in the gastrointestinal tract. <i>Annals of the New York Academy of Sciences</i> , 2000 , 915, 1-14	6.5	18
14	Agonist-induced cytoplasmic volume changes in cultured rabbit parietal cells. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 279, G40-8	5.1	18
13	Inflammatory Cutaneous Lesions in Inflammatory Bowel Disease Treated With Vedolizumab or Ustekinumab: An ECCO CONFER Multicentre Case Series. <i>Journal of Crohn's and Colitis</i> , 2020 , 14, 1488-1493	1.5	18

12	Recent advances in the molecular and functional characterization of acid/base and electrolyte transporters in the basolateral membranes of gastric and duodenal epithelial cells. <i>Acta Physiologica</i> , 2011 , 201, 3-20	5.6	17
11	The impact of technical and clinical factors on fecal microbiota transfer outcomes for the treatment of recurrent infections in Germany. <i>United European Gastroenterology Journal</i> , 2019 , 7, 716-722	5.3	15
10	cAMP-dependent and cholinergic regulation of the electrogenic intestinal/pancreatic Na ⁺ /HCO ₃ ⁻ cotransporter pNBC1 in human embryonic kidney (HEK293) cells. <i>BMC Cell Biology</i> , 2008 , 9, 70		11
9	Short-term regulation of murine colonic NBCe1-B (electrogenic Na ⁺ /HCO ₃ ⁻ cotransporter) membrane expression and activity by protein kinase C. <i>PLoS ONE</i> , 2014 , 9, e92275	3.7	6
8	Regional differences in health care of patients with inflammatory bowel disease in Germany. <i>Health Economics Review</i> , 2015 , 5, 29	2	5
7	Quality of Life Is Associated With Wearable-Based Physical Activity in Patients With Inflammatory Bowel Disease: A Prospective, Observational Study. <i>Clinical and Translational Gastroenterology</i> , 2019 , 10, e00094	4.2	5
6	Fecal calprotectin is significantly linked to azathioprine metabolite concentrations in Crohn's disease. <i>European Journal of Gastroenterology and Hepatology</i> , 2019 , 31, 99-108	2.2	3
5	ECCO Guidelines on Therapeutics in Ulcerative Colitis: Surgical Treatment. <i>Journal of Crohn's and Colitis</i> , 2021 ,	1.5	2
4	Nicht-Zöakie-Gluten-/Weizen-Sensitivität (NCGS) – ein bislang nicht definiertes Krankheitsbild mit fehlenden Diagnosekriterien und unbekannter Häufigkeit. <i>Aktuelle Ernährungsmedizin Klinik Und Praxis</i> , 2018 , 43, 479-483	0.3	2
3	Microbiota-associated Risk Factors for <i>Clostridioides difficile</i> Acquisition in Hospitalized Patients: A Prospective, Multicentric Study. <i>Clinical Infectious Diseases</i> , 2021 , 73, e2625-e2634	11.6	1
2	The electroneutral Na ⁺ /HCO ₃ ⁻ cotransporter NBCn1 plays an essential role in duodenal acid/base balance and colonic mucus layer build-up in anaesthetised mice. <i>FASEB Journal</i> , 2013 , 27, 730.4	0.9	0
1	Parietal Cell Volume Regulation During Acid Secretion 2002 , 221-232		