

Oliver Bachmann

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,898
citations

186265

28
h-index

168389

53
g-index

59
all docs

59
docs citations

59
times ranked

4562
citing authors

#	ARTICLE	IF	CITATIONS
1	ECCO Guidelines on Therapeutics in Ulcerative Colitis: Surgical Treatment. Journal of Crohn's and Colitis, 2022, 16, 179-189.	1.3	120
2	ECCO Guidelines on Therapeutics in Ulcerative Colitis: Medical Treatment. Journal of Crohn's and Colitis, 2022, 16, 2-17.	1.3	288
3	Microbiota-associated Risk Factors for <i>Clostridioides difficile</i> Acquisition in Hospitalized Patients: A Prospective, Multicentric Study. Clinical Infectious Diseases, 2021, 73, e2625-e2634.	5.8	6
4	ECCO Guidelines on Therapeutics in Crohn's Disease: Medical Treatment. Journal of Crohn's and Colitis, 2020, 14, 4-22.	1.3	741
5	ECCO Guidelines on Therapeutics in Crohn's Disease: Surgical Treatment. Journal of Crohn's and Colitis, 2020, 14, 155-168.	1.3	478
6	Inflammatory Cutaneous Lesions in Inflammatory Bowel Disease Treated With Vedolizumab or Ustekinumab: An ECCO CONFER Multicentre Case Series. Journal of Crohn's and Colitis, 2020, 14, 1488-1493.	1.3	34
7	Fecal calprotectin is significantly linked to azathioprine metabolite concentrations in Crohn's disease. European Journal of Gastroenterology and Hepatology, 2019, 31, 99-108.	1.6	3
8	The impact of technical and clinical factors on fecal microbiota transfer outcomes for the treatment of recurrent <i>Clostridioides difficile</i> infections in Germany. United European Gastroenterology Journal, 2019, 7, 716-722.	3.8	24
9	Quality of Life Is Associated With Wearable-Based Physical Activity in Patients With Inflammatory Bowel Disease: A Prospective, Observational Study. Clinical and Translational Gastroenterology, 2019, 10, e00094.	2.5	10
10	Alcohol, microbiome, and their effect on psychiatric disorders. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 85, 105-115.	4.8	61
11	Non-celiac gluten/wheat sensitivity (NCGS) – currently undefined disorder without validated diagnostic criteria and of unknown prevalence. Allergo Journal International, 2018, 27, 147-151.	2.0	33
12	BaiCD gene cluster abundance is negatively correlated with Clostridium difficile infection. PLoS ONE, 2018, 13, e0196977.	2.5	34
13	A Randomised, Double-blind, Placebo-controlled Trial of <i>Trichuris suis</i> ova in Active Crohn's disease. Journal of Crohn's and Colitis, 2017, 11, jjw184.	1.3	54
14	Use of Intestinal Ultrasound to Monitor Crohn's Disease Activity. Clinical Gastroenterology and Hepatology, 2017, 15, 535-542.e2.	4.4	165
15	12. Clostridium difficile und andere gastrointestinale Infektionen. , 2016, , .		0
16	Vedolizumab induction therapy for inflammatory bowel disease in clinical practice – a nationwide consecutive German cohort study. Alimentary Pharmacology and Therapeutics, 2016, 43, 1090-1102.	3.7	155
17	Diagnosis, monitoring and management of immune-related adverse drug reactions of anti-PD-1 antibody therapy. Cancer Treatment Reviews, 2016, 45, 7-18.	7.7	354
18	Regional differences in health care of patients with inflammatory bowel disease in Germany. Health Economics Review, 2015, 5, 29.	2.0	7

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19	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, 1795-1807.	2.8	29
20	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.	2.5	7
21	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, 517-522.	3.1	29
22	Serotonin 5-HT ₇ Receptor Is Critically Involved in Acute and Chronic Inflammation of the Gastrointestinal Tract. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 1516-1529.	1.9	57
23	Essential role of the electroneutral Na ⁺ +HCO ₃ ⁻ cotransporter NBCn1 in murine duodenal acid-base balance and colonic mucus layer build-up <i>in vivo</i> . <i>Journal of Physiology</i> , 2013, 591, 2189-2204.	2.9	27
24	Increased Epithelial Permeability Is the Primary Cause for Bicarbonate Loss in Inflamed Murine Colon. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 904-911.	1.9	26
25	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.	0.5	1
26	Loss of downregulated in adenoma (DRA) impairs mucosal HCO ₃ ⁻ secretion in murine ileocolonic inflammation. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 101-111.	1.9	78
27	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.	1.4	28
28	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.	3.8	19
29	Basolateral ion transporters involved in colonic epithelial electrolyte absorption, anion secretion and cellular homeostasis. <i>Acta Physiologica</i> , 2011, 201, 33-46.	3.8	44
30	Apoptosis of regulatory T lymphocytes is increased in chronic inflammatory bowel disease and reversed by anti-TNF α treatment. <i>Gut</i> , 2011, 60, 1345-1353.	12.1	91
31	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, 1149-1161.	1.9	54
32	T1875 Molecular and Functional Evidence for a Predominant Role of Electrogenic Na ⁺ /HCO ₃ ⁻ Cotransport (NBCe1) Compared to Electroneutral Na ⁺ /HCO ₃ ⁻ Cotransport (NBCn1) in Murine Colon. <i>Gastroenterology</i> , 2010, 138, S-597.	1.3	1
33	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-G1231.	3.4	27
34	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, 175-179.	2.0	31
35	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.	3.0	11
36	Myeloid-Derived Suppressor Cells in Inflammatory Bowel Disease: A New Immunoregulatory Pathway. <i>Gastroenterology</i> , 2008, 135, 871-881.e5.	1.3	262

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37	Mechanisms of secretion-associated shrinkage and volume recovery in cultured rabbit parietal cells. American Journal of Physiology - Renal Physiology, 2007, 292, G711-G717.	3.4	23
38	NHE3 inhibition by cAMP and Ca ²⁺ is abolished in PDZ-domain protein PDZK1-deficient murine enterocytes. Journal of Physiology, 2007, 581, 1235-1246.	2.9	60
39	Carbachol increases Na ⁺ -HCO ₃ ⁻ cotransport activity in murine colonic crypts in a M3 ⁻ , Ca ²⁺ /calmodulin-, and PKC-dependent manner. American Journal of Physiology - Renal Physiology, 2006, 291, G650-G657.	3.4	37
40	The Na ⁺ /H ⁺ exchanger isoform 2 is the predominant NHE isoform in murine colonic crypts and its lack causes NHE3 upregulation. American Journal of Physiology - Renal Physiology, 2004, 287, G125-G133.	3.4	78
41	Transcutaneous perianal sonography: A sensitive method for the detection of perianal inflammatory lesions in Crohn's disease. World Journal of Gastroenterology, 2004, 10, 2859.	3.3	66
42	Expression and Regulation of the Na ⁺ + K ⁺ + 2Cl ⁻ Cotransporter NKCC1 in the Normal and CFTR-Deficient Murine Colon. Journal of Physiology, 2003, 549, 525-536.	2.9	34
43	Nhe2 is predominantly crypt-localized in murine proximal colon and its lack causes an anion secretory defect in NHE2 ^{-/-} mice. Gastroenterology, 2003, 124, A40.	1.3	0
44	Parietal Cell Volume Regulation During Acid Secretion. , 2002, , 221-232.		0
45	Differential expression and regulation of Na ⁺ /H ⁺ exchanger isoforms in rabbit parietal and mucous cells. American Journal of Physiology - Renal Physiology, 2001, 281, G447-G458.	3.4	52
46	Differential expression and regulation of AE2 anion exchanger subtypes in rabbit parietal and mucous cells. Journal of Physiology, 2001, 534, 837-848.	2.9	45
47	Agonist-induced cytoplasmic volume changes in cultured rabbit parietal cells. American Journal of Physiology - Renal Physiology, 2000, 279, G40-G48.	3.4	19
48	The AE2 subtypes are differentially expressed and regulated in rabbit parietal and mucous cells. Gastroenterology, 2000, 118, A33.	1.3	0
49	Expression and Function of Na ⁺ HCO ₃ ⁻ Cotransporters in the Gastrointestinal Tract. Annals of the New York Academy of Sciences, 2000, 915, 1-14.	3.8	20
50	Na ⁺ /HCO ₃ ⁻ cotransport and expression of NBC1 and NBC2 in rabbit gastric parietal and mucous cells. Gastroenterology, 1999, 116, 1389-1398.	1.3	52