

Michael Schumann

List of Publications by Year in descending order

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47
papers

3,631
citations

304743

22
h-index

223800

46
g-index

52
all docs

52
docs citations

52
times ranked

5042
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectrum of gluten-related disorders: consensus on new nomenclature and classification. <i>BMC Medicine</i> , 2012, 10, 13.	5.5	855
2	Non-Celiac Gluten Sensitivity: The New Frontier of Gluten Related Disorders. <i>Nutrients</i> , 2013, 5, 3839-3853.	4.1	418
3	Epithelial Tight Junctions in Intestinal Inflammation. <i>Annals of the New York Academy of Sciences</i> , 2009, 1165, 294-300.	3.8	318
4	Multiple Endocrine Neoplasia Type 1 and Zollinger-Ellison Syndrome. <i>Medicine (United States)</i> , 2004, 83, 43-83.	1.0	279
5	Monocyte and M1 Macrophage-induced Barrier Defect Contributes to Chronic Intestinal Inflammation in IBD. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1.	1.9	206
6	Nano- and microscaled particles for drug targeting to inflamed intestinal mucosa—A first in vivo study in human patients. <i>Journal of Controlled Release</i> , 2013, 165, 139-145.	9.9	183
7	IFN- β drives inflammatory bowel disease pathogenesis through VE-cadherin-directed vascular barrier disruption. <i>Journal of Clinical Investigation</i> , 2019, 129, 4691-4707.	8.2	141
8	Celiac Disease: Role of the Epithelial Barrier. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 3, 150-162.	4.5	116
9	Cell polarity-determining proteins Par-3 and PP-1 are involved in epithelial tight junction defects in coeliac disease. <i>Gut</i> , 2012, 61, 220-228.	12.1	106
10	Paracellular versus Transcellular Intestinal Permeability to Gliadin Peptides in Active Celiac Disease. <i>American Journal of Pathology</i> , 2012, 180, 608-615.	3.8	89
11	High rates of complications and substantial mortality in both types of refractory sprue. <i>European Journal of Gastroenterology and Hepatology</i> , 2009, 21, 66-70.	1.6	77
12	Development of High Affinity Camptothecin-Bombesin Conjugates That Have Targeted Cytotoxicity for Bombesin Receptor-containing Tumor Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 23580-23589.	3.4	73
13	Gluten-Free Diet in Celiac Disease—Forever and for All?. <i>Nutrients</i> , 2018, 10, 1796.	4.1	72
14	Intestinal Barrier Function in Gluten-Related Disorders. <i>Nutrients</i> , 2019, 11, 2325.	4.1	71
15	A Grainyhead-Like 2/Ovo-Like 2 Pathway Regulates Renal Epithelial Barrier Function and Lumen Expansion. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2704-2715.	6.1	69
16	Diagnostic and therapeutic single-operator cholangiopancreatography with SpyGlassDS ® : results of a multicenter retrospective cohort study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 3981-3988.	2.4	60
17	Long-term response to gluten-free diet as evidence for non-celiac wheat sensitivity in one third of patients with diarrhea-dominant and mixed-type irritable bowel syndrome. <i>International Journal of Colorectal Disease</i> , 2017, 32, 29-39.	2.2	57
18	Human small intestinal infection by SARS-CoV-2 is characterized by a mucosal infiltration with activated CD8+ T cells. <i>Mucosal Immunology</i> , 2021, 14, 1381-1392.	6.0	50

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19	Defective tight junctions in refractory celiac disease. <i>Annals of the New York Academy of Sciences</i> , 2012, 1258, 43-51.	3.8	45
20	World Perspective on Celiac Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 55, 494-499.	1.8	28
21	Identification of key amino acids in the gastrin-releasing peptide receptor (GRPR) responsible for high affinity binding of gastrin-releasing peptide (GRP). <i>Biochemical Pharmacology</i> , 2005, 69, 579-593.	4.4	25
22	Chemokine Transfer by Liver Sinusoidal Endothelial Cells Contributes to the Recruitment of CD4+ T Cells into the Murine Liver. <i>PLoS ONE</i> , 2015, 10, e0123867.	2.5	25
23	A novel method for imaging sites of paracellular passage of macromolecules in epithelial sheets. <i>Journal of Controlled Release</i> , 2016, 229, 70-79.	9.9	24
24	Critical Illness and Systemic Inflammation Are Key Risk Factors of Severe Acute Kidney Injury in Patients With COVID-19. <i>Kidney International Reports</i> , 2021, 6, 905-915.	0.8	22
25	T-cell repertoires in refractory coeliac disease. <i>Gut</i> , 2018, 67, gutjnl-2016-311816.	12.1	21
26	Level of Tumor Necrosis Factor Production by Stimulated Blood Mononuclear Cells Can Be Used to Predict Response of Patients With Inflammatory Bowel Diseases to Infliximab. <i>Clinical Gastroenterology and Hepatology</i> , 2021, 19, 721-731.e1.	4.4	21
27	Identification of Bombesin Receptor Subtype-Specific Ligands: Effect of N-Methyl Scanning, Truncation, Substitution, and Evaluation of Putative Reported Selective Ligands. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 980-989.	2.5	20
28	GRHL2 Is Required for Collecting Duct Epithelial Barrier Function and Renal Osmoregulation. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 857-868.	6.1	20
29	Occludin knockdown is not sufficient to induce transepithelial macromolecule passage. <i>Tissue Barriers</i> , 2019, 7, 1612661.	3.2	16
30	Celiac Disease Monocytes Induce a Barrier Defect in Intestinal Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5597.	4.1	14
31	Inflammatory myopathy with abundant macrophages (IMAM): The immunology revisited. <i>Neuromuscular Disorders</i> , 2014, 24, 151-155.	0.6	13
32	Low Sensitivity of Simtomax Point of Care Test in Detection of Celiac Disease in a Prospective Multicenter Study. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 1780-1787.e5.	4.4	9
33	Presence of spondyloarthritis associated to higher disease activity and HLA-B27 positivity in patients with early Crohn's disease: Clinical and MRI results from a prospective inception cohort. <i>Joint Bone Spine</i> , 2022, 89, 105367.	1.6	9
34	Function of non-visual arrestins in signaling and endocytosis of the gastrin-releasing peptide receptor (GRP receptor). <i>Biochemical Pharmacology</i> , 2008, 75, 1170-1185.	4.4	8
35	<i>Escherichia coli</i> Alpha-Hemolysin HlyA Induces Host Cell Polarity Changes, Epithelial Barrier Dysfunction and Cell Detachment in Human Colon Carcinoma Caco-2 Cell Model via PTEN-Dependent Dysregulation of Cell Junctions. <i>Toxins</i> , 2021, 13, 520.	3.4	8
36	Importance of Amino Acids of the Central Portion of the Second Intracellular Loop of the Gastrin-Releasing Peptide Receptor for Phospholipase C Activation, Internalization, and Chronic Down-Regulation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 597-607.	2.5	6

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37	Reprogramming Intestinal Epithelial Cell Polarity by Interleukin-22. <i>Frontiers in Medicine</i> , 2021, 8, 656047.	2.6	6
38	The Sandwich Assay: A Method for Subcellular Visualization of Paracellular Macromolecule Passage in Epithelial Sheets. <i>Current Protocols in Cell Biology</i> , 2018, 78, 20.10.1-20.10.13.	2.3	5
39	Microbial Colonization in Adulthood Shapes the Intestinal Macrophage Compartment. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 1173-1185.	1.3	5
40	Dynamic, Transient, and Robust Increase in the Innervation of the Inflamed Mucosa in Inflammatory Bowel Diseases. <i>Cells</i> , 2021, 10, 2253.	4.1	4
41	Results from the German registry for refractory celiac disease. <i>Zeitschrift Fur Gastroenterologie</i> , 2021, 59, 944-953.	0.5	4
42	Diffuse Leukoencephalopathy and Brain Edema: Unusual Presentations of CNS Relapse of Acute Myeloid Leukemia. <i>Journal of Neuroimaging</i> , 2010, 20, 198-200.	2.0	3
43	A case series in patients with enteropathy and granulomatous diseases. <i>BMC Gastroenterology</i> , 2015, 15, 62.	2.0	3
44	A 39-Year-Old Man With Crohn's Disease and a Unclear Rash on His Left Cheek. <i>American Journal of Gastroenterology</i> , 2021, 116, 1374-1374.	0.4	2
45	Medical and Surgical Conditions of Malabsorption. <i>Viszeralmedizin</i> , 2014, 30, 8-8.	0.0	0
46	Pathophysiological Role of TNF in Inflammatory Bowel Disease: TNF and Its Impact on Barrier Function. <i>Frontiers of Gastrointestinal Research</i> , 0, , 35-48.	0.1	0
47	Cancer Cell Receptor Internalization and Proliferation: Effects of Neuropeptide Analogs. <i>Neuromethods</i> , 2008, , 115-129.	0.3	0