

Michael Schumann

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

3,631
citations

304368

22
h-index

223531

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. | 2.3 | 855 |
| 2 | Non-Celiac Gluten Sensitivity: The New Frontier of Gluten Related Disorders. <i>Nutrients</i> , 2013, 5, 3839-3853. | 1.7 | 418 |
| 3 | Epithelial Tight Junctions in Intestinal Inflammation. <i>Annals of the New York Academy of Sciences</i> , 2009, 1165, 294-300. | 1.8 | 318 |
| 4 | Multiple Endocrine Neoplasia Type 1 and Zollinger-Ellison Syndrome. <i>Medicine (United States)</i> , 2004, 83, 43-83. | 0.4 | 279 |
| 5 | Monocyte and M1 Macrophage-induced Barrier Defect Contributes to Chronic Intestinal Inflammation in IBD. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1. | 0.9 | 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. | 4.8 | 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. | 3.9 | 141 |
| 8 | Celiac Disease: Role of the Epithelial Barrier. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 3, 150-162. | 2.3 | 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. | 6.1 | 106 |
| 10 | Paracellular versus Transcellular Intestinal Permeability to Gliadin Peptides in Active Celiac Disease. <i>American Journal of Pathology</i> , 2012, 180, 608-615. | 1.9 | 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. | 0.8 | 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. | 1.6 | 73 |
| 13 | Gluten-Free Diet in Celiac Disease—Forever and for All?. <i>Nutrients</i> , 2018, 10, 1796. | 1.7 | 72 |
| 14 | Intestinal Barrier Function in Gluten-Related Disorders. <i>Nutrients</i> , 2019, 11, 2325. | 1.7 | 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. | 3.0 | 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. | 1.3 | 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. | 1.0 | 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. | 2.7 | 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. | 1.8 | 45 |
| 20 | World Perspective on Celiac Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 55, 494-499. | 0.9 | 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. | 2.0 | 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. | 1.1 | 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. | 4.8 | 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. | 0.4 | 22 |
| 25 | T-cell repertoires in refractory coeliac disease. <i>Gut</i> , 2018, 67, gutjnl-2016-311816. | 6.1 | 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. | 2.4 | 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. | 1.3 | 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. | 3.0 | 20 |
| 29 | Occludin knockdown is not sufficient to induce transepithelial macromolecule passage. <i>Tissue Barriers</i> , 2019, 7, 1612661. | 1.6 | 16 |
| 30 | Celiac Disease Monocytes Induce a Barrier Defect in Intestinal Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5597. | 1.8 | 14 |
| 31 | Inflammatory myopathy with abundant macrophages (IMAM): The immunology revisited. <i>Neuromuscular Disorders</i> , 2014, 24, 151-155. | 0.3 | 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. | 2.4 | 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. | 0.8 | 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. | 2.0 | 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. | 1.5 | 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. | 1.3 | 6 |

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|----|---|-----|-----------|
| 37 | Reprogramming Intestinal Epithelial Cell Polarity by Interleukin-22. <i>Frontiers in Medicine</i> , 2021, 8, 656047. | 1.2 | 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. | 0.6 | 5 |
| 40 | Dynamic, Transient, and Robust Increase in the Innervation of the Inflamed Mucosa in Inflammatory Bowel Diseases. <i>Cells</i> , 2021, 10, 2253. | 1.8 | 4 |
| 41 | Results from the German registry for refractory celiac disease. <i>Zeitschrift Fur Gastroenterologie</i> , 2021, 59, 944-953. | 0.2 | 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. | 1.0 | 3 |
| 43 | A case series in patients with enteropathy and granulomatous diseases. <i>BMC Gastroenterology</i> , 2015, 15, 62. | 0.8 | 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. | 0.2 | 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. | 0.2 | 0 |