

# Andre Gerald Buret

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2972186/publications.pdf>

Version: 2024-02-01

51  
papers

3,619  
citations

117625

34  
h-index

175258

52  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extra-intestinal and long term consequences of <i>Giardia duodenalis</i> infections. <i>World Journal of Gastroenterology</i> , 2013, 19, 8974.	3.3	308
2	Strain-Dependent Induction of Enterocyte Apoptosis by <i>Giardia lamblia</i> Disrupts Epithelial Barrier Function in a Caspase-3-Dependent Manner. <i>Infection and Immunity</i> , 2002, 70, 3673-3680.	2.2	215
3	Pathobiont release from dysbiotic gut microbiota biofilms in intestinal inflammatory diseases: a role for iron?. <i>Journal of Biomedical Science</i> , 2019, 26, 1.	7.0	204
4	Host parasite interactions and pathophysiology in <i>Giardia</i> infections. <i>International Journal for Parasitology</i> , 2011, 41, 925-933.	3.1	185
5	Intestinal infection with <i>Giardia</i> spp. reduces epithelial barrier function in a myosin light chain kinase-dependent fashion. <i>Gastroenterology</i> , 2002, 123, 1179-1190.	1.3	171
6	Hydrogen Sulfide Protects from Colitis and Restores Intestinal Microbiota Biofilm and Mucus Production. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1006-1017.	1.9	150
7	SGLT-mediated glucose uptake protects intestinal epithelial cells against LPS-induced apoptosis and barrier defects: a novel cellular rescue mechanism?. <i>FASEB Journal</i> , 2005, 19, 1822-1835.	0.5	140
8	<i>Giardia duodenalis</i> induces pathogenic dysbiosis of human intestinal microbiota biofilms. <i>International Journal for Parasitology</i> , 2017, 47, 311-326.	3.1	125
9	Gastrointestinal biofilms in health and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 314-334.	17.8	124
10	Role of CD8 <sup>+</sup> and CD4 <sup>+</sup> T Lymphocytes in Jejunal Mucosal Injury during Murine Giardiasis. <i>Infection and Immunity</i> , 2004, 72, 3536-3542.	2.2	118
11	Mechanisms of epithelial dysfunction in giardiasis. <i>Gut</i> , 2007, 56, 316-317.	12.1	117
12	<i>Campylobacter jejuni</i> induces transcellular translocation of commensal bacteria via lipid rafts. <i>Gut Pathogens</i> , 2009, 1, 2.	3.4	113
13	Epidermal Growth Factor Inhibits <i>Campylobacter jejuni</i> -Induced Claudin-4 Disruption, Loss of Epithelial Barrier Function, and <i>Escherichia coli</i> Translocation. <i>Infection and Immunity</i> , 2008, 76, 3390-3398.	2.2	109
14	<i>Giardia duodenalis</i> Cathepsin B Proteases Degrade Intestinal Epithelial Interleukin-8 and Attenuate Interleukin-8-Induced Neutrophil Chemotaxis. <i>Infection and Immunity</i> , 2014, 82, 2772-2787.	2.2	91
15	A role for <i>Campylobacter jejuni</i> -induced enteritis in inflammatory bowel disease?. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G1-G9.	3.4	73
16	Infection of human and bovine epithelial cells with <i>Cryptosporidium andersoni</i> induces apoptosis and disrupts tight junctional ZO-1: effects of epidermal growth factor. <i>International Journal for Parasitology</i> , 2003, 33, 1363-1371.	3.1	71
17	<i>Giardia duodenalis</i> Surface Cysteine Proteases Induce Cleavage of the Intestinal Epithelial Cytoskeletal Protein Villin via Myosin Light Chain Kinase. <i>PLoS ONE</i> , 2015, 10, e0136102.	2.5	70
18	The effect of enterohemorrhagic <i>Escherichia coli</i> O157:H7 on intestinal structure and solute transport in rabbits. <i>Gastroenterology</i> , 1993, 104, 467-474.	1.3	66

#	ARTICLE	IF	CITATIONS
19	<i>Giardia duodenalis</i> induces paracellular bacterial translocation and causes postinfectious visceral hypersensitivity. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G574-G585.	3.4	64
20	SGLT-1-mediated glucose uptake protects human intestinal epithelial cells against <i>Giardia duodenalis</i> -induced apoptosis. <i>International Journal for Parasitology</i> , 2008, 38, 923-934.	3.1	61
21	Interactions of <i>Giardia sp.</i> with the intestinal barrier: Epithelium, mucus, and microbiota. <i>Tissue Barriers</i> , 2017, 5, e1274354.	3.2	61
22	<i>Giardia duodenalis</i> Infection Reduces Granulocyte Infiltration in an In Vivo Model of Bacterial Toxin-Induced Colitis and Attenuates Inflammation in Human Intestinal Tissue. <i>PLoS ONE</i> , 2014, 9, e109087.	2.5	61
23	Disruptions of Host Immunity and Inflammation by <i>Giardia Duodenalis</i> : Potential Consequences for Co-Infections in the Gastro-Intestinal Tract. <i>Pathogens</i> , 2015, 4, 764-792.	2.8	60
24	Cysteine Protease-Dependent Mucous Disruptions and Differential Mucin Gene Expression in <i>Giardia duodenalis</i> Infection. <i>American Journal of Pathology</i> , 2017, 187, 2486-2498.	3.8	60
25	Effects of Hydrogen Sulfide on the Microbiome: From Toxicity to Therapy. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 211-219.	5.4	58
26	<i>Campylobacter jejuni</i> Disrupts Protective Toll-Like Receptor 9 Signaling in Colonic Epithelial Cells and Increases the Severity of Dextran Sulfate Sodium-Induced Colitis in Mice. <i>Infection and Immunity</i> , 2012, 80, 1563-1571.	2.2	55
27	<i>Giardia</i> co-infection promotes the secretion of antimicrobial peptides beta-defensin 2 and trefoil factor 3 and attenuates attaching and effacing bacteria-induced intestinal disease. <i>PLoS ONE</i> , 2017, 12, e0178647.	2.5	54
28	Proresolution effects of hydrogen sulfide during colitis are mediated through hypoxia-inducible factor-1. <i>FASEB Journal</i> , 2015, 29, 1591-1602.	0.5	52
29	Pathogenesis and post-infectious complications in giardiasis. <i>Advances in Parasitology</i> , 2020, 107, 173-199.	3.2	52
30	<i>Giardia duodenalis</i> -induced alterations of commensal bacteria kill <i>Caenorhabditis elegans</i> : a new model to study microbial-microbial interactions in the gut. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G550-G561.	3.4	50
31	Interleukin-1 receptor phosphorylation activates Rho kinase to disrupt human gastric tight junctional claudin-4 during <i>Helicobacter pylori</i> infection. <i>Cellular Microbiology</i> , 2010, 12, 692-703.	2.1	45
32	Long term platelet responses to <i>Helicobacter pylori</i> eradication in Canadian patients with immune thrombocytopenic purpura. <i>International Journal of Hematology</i> , 2008, 88, 212-218.	1.6	42
33	<i>Giardia</i> spp. and the Gut Microbiota: Dangerous Liaisons. <i>Frontiers in Microbiology</i> , 2020, 11, 618106.	3.5	42
34	<i>Giardia duodenalis</i> : New Research Developments in Pathophysiology, Pathogenesis, and Virulence Factors. <i>Current Tropical Medicine Reports</i> , 2015, 2, 110-118.	3.7	39
35	Immuno-modulation and anti-inflammatory benefits of antibiotics: the example of tilmicosin. <i>Canadian Journal of Veterinary Research</i> , 2010, 74, 1-10.	0.2	32
36	<i>Campylobacter jejuni</i> Increases Flagellar Expression and Adhesion of Noninvasive <i>Escherichia coli</i> : Effects on Enterocytic Toll-Like Receptor 4 and CXCL-8 Expression. <i>Infection and Immunity</i> , 2015, 83, 4571-4581.	2.2	31

#	ARTICLE	IF	CITATIONS
37	Iron Sequestration in Microbiota Biofilms As A Novel Strategy for Treating Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1493-1502.	1.9	30
38	Giardia Cysteine Proteases: The Teeth behind the Smile. <i>Trends in Parasitology</i> , 2019, 35, 636-648.	3.3	29
39	Cooperation between host immunity and the gut bacteria is essential for helminth-evoked suppression of colitis. <i>Microbiome</i> , 2021, 9, 186.	11.1	28
40	Caspases-3, -8, and -9 are required for induction of epithelial cell apoptosis by enteropathogenic <i>E. coli</i> but are dispensable for increased paracellular permeability. <i>Microbial Pathogenesis</i> , 2008, 44, 311-319.	2.9	26
41	How Stress Induces Intestinal Hypersensitivity. <i>American Journal of Pathology</i> , 2006, 168, 3-5.	3.8	25
42	Giardia spp. promote the production of antimicrobial peptides and attenuate disease severity induced by attaching and effacing enteropathogens via the induction of the NLRP3 inflammasome. <i>International Journal for Parasitology</i> , 2020, 50, 263-275.	3.1	22
43	Modulatory mechanisms of enterocyte apoptosis by viral, bacterial and parasitic pathogens. <i>Critical Reviews in Microbiology</i> , 2014, 40, 1-17.	6.1	21
44	Tulathromycin Exerts Proresolving Effects in Bovine Neutrophils by Inhibiting Phospholipases and Altering Leukotriene B <sub>4</sub> , Prostaglandin E <sub>2</sub> , and Lipoxin A <sub>4</sub> Production. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4298-4307.	3.2	16
45	Genotypic Characterization of an Epithelial Cell Line for the Study of Parasite-Épithelial Interactions. <i>Journal of Parasitology</i> , 2008, 94, 545-548.	0.7	10
46	High-fat diet increases the severity of Giardia infection in association with low-grade inflammation and gut microbiota dysbiosis. <i>Scientific Reports</i> , 2021, 11, 18842.	3.3	9
47	Giardia duodenalis cysteine proteases cleave proteinase-activated receptor-2 to regulate intestinal goblet cell mucin gene expression. <i>International Journal for Parasitology</i> , 2022, 52, 285-292.	3.1	7
48	Host Epithelial Interactions with Helicobacter Pylori: A Role for Disrupted Gastric Barrier Function in the Clinical Outcome of Infection?. <i>Canadian Journal of Gastroenterology &amp; Hepatology</i> , 2005, 19, 543-552.	1.7	5
49	Enteropathogen-Induced Microbiota Biofilm Disruptions and Post-Infectious Intestinal Inflammatory Disorders. <i>Current Tropical Medicine Reports</i> , 2016, 3, 94-101.	3.7	3
50	Rethinking Graduate Education in Parasitology: A Case Study. <i>Trends in Parasitology</i> , 2019, 35, 665-668.	3.3	2
51	Acceptance of the 2019 Stoll-Stunkard Memorial Lectureship Award: The Study of Host-Parasite Interactions to Better Understand Fundamental Host Physiology: The Model of Giardiasis. <i>Journal of Parasitology</i> , 2020, 105, 955.	0.7	2