# Kathene C Johnson-Henry

## List of Publications by Citations



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| 39 papers | 2,081 citations | 20 h-index | 39 g-index |
| 39 ext. papers | 2,424 ext. citations | 5.4 avg, IF | 4.44 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 39 | Probiotics prevent bacterial translocation and improve intestinal barrier function in rats following chronic psychological stress. *Gut*, **2006**, 55, 1553-60 | 19.2 | 274 |
| 38 | Surface-layer protein extracts from Lactobacillus helveticus inhibit enterohaemorrhagic Escherichia coli O157:H7 adhesion to epithelial cells. *Cellular Microbiology*, **2007**, 9, 356-67 | 3.9 | 194 |
| 37 | Lactobacillus rhamnosus strain GG prevents enterohemorrhagic Escherichia coli O157:H7-induced changes in epithelial barrier function. *Infection and Immunity*, **2008**, 76, 1340-8 | 3.7 | 190 |
| 36 | Probiotics reduce enterohemorrhagic Escherichia coli O157:H7- and enteropathogenic E. coli O127:H6-induced changes in polarized T84 epithelial cell monolayers by reducing bacterial adhesion and cytoskeletal rearrangements. *Infection and Immunity*, **2005**, 73, 5183-8 | 3.7 | 182 |
| 35 | Unraveling mechanisms of action of probiotics. *Nutrition in Clinical Practice*, **2009**, 24, 10-4 | 3.6 | 144 |
| 34 | Vitamin D deficiency promotes epithelial barrier dysfunction and intestinal inflammation. *Journal of Infectious Diseases*, **2014**, 210, 1296-305 | 7 | 128 |
| 33 | GLP-1R Agonists Modulate Enteric Immune Responses Through the Intestinal Intraepithelial Lymphocyte GLP-1R. *Diabetes*, **2015**, 64, 2537-49 | 0.9 | 114 |
| 32 | Probiotics reduce bacterial colonization and gastric inflammation in H. pylori-infected mice. *Digestive Diseases and Sciences*, **2004**, 49, 1095-102 | 4 | 112 |
| 31 | Amelioration of the effects of Citrobacter rodentium infection in mice by pretreatment with probiotics. *Journal of Infectious Diseases*, **2005**, 191, 2106-17 | 7 | 91 |
| 30 | Strain-specific probiotic (Lactobacillus helveticus) inhibition of Campylobacter jejuni invasion of human intestinal epithelial cells. *FEMS Microbiology Letters*, **2009**, 300, 146-52 | 2.9 | 76 |
| 29 | Probiotics are effective for the prevention and treatment of Citrobacter rodentium-induced colitis in mice. *Journal of Infectious Diseases*, **2012**, 206, 99-109 | 7 | 58 |
| 28 | Human Milk Oligosaccharides Increase Mucin Expression in Experimental Necrotizing Enterocolitis. *Molecular Nutrition and Food Research*, **2019**, 63, e1800658 | 5.9 | 55 |
| 27 | Vitamin D deficiency predisposes to adherent-invasive Escherichia coli-induced barrier dysfunction and experimental colonic injury. *Inflammatory Bowel Diseases*, **2015**, 21, 297-306 | 4.5 | 52 |
| 26 | Non-digestible oligosaccharides directly regulate host kinome to modulate host inflammatory responses without alterations in the gut microbiota. *Microbiome*, **2017**, 5, 135 | 16.6 | 45 |
| 25 | Protein kinase C βII signaling is required for dietary prebiotic-induced strengthening of intestinal epithelial barrier function. *Scientific Reports*, **2017**, 7, 40820 | 4.9 | 35 |
| 24 | Probiotics, Prebiotics, and Synbiotics for the Prevention of Necrotizing Enterocolitis. *Advances in Nutrition*, **2016**, 7, 928-37 | 10 | 34 |
| 23 | Short-chain fructo-oligosaccharide and inulin modulate inflammatory responses and microbial communities in Caco2-bbe cells and in a mouse model of intestinal injury. *Journal of Nutrition*, **2014**, 144, 1725-33 | 4.1 | 34 |

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| 22 | Impaired Wnt/Ecatenin pathway leads to dysfunction of intestinal regeneration during necrotizing enterocolitis. *Cell Death and Disease*, **2019**, 10, 743 | 9.8 | 33 |
| 21 | Invasion of human epithelial cells by Campylobacter upsaliensis. *Cellular Microbiology*, **2003**, 5, 835-47 | 3.9 | 33 |
| 20 | Probiotics prevent enterohaemorrhagic Escherichia coli O157:H7-mediated inhibition of interferon-gamma-induced tyrosine phosphorylation of STAT-1. *Microbiology (United Kingdom)*, **2009**, 155, 531-540 | 2.9 | 27 |
| 19 | Matrix metalloproteinase 9 contributes to gut microbe homeostasis in a model of infectious colitis. *BMC Microbiology*, **2012**, 12, 105 | 4.5 | 18 |
| 18 | Enterohemorrhagic Escherichia coli O157:H7 Shiga toxins inhibit gamma interferon-mediated cellular activation. *Infection and Immunity*, **2012**, 80, 2307-15 | 3.7 | 16 |
| 17 | Escherichia albertii and Hafnia alvei are candidate enteric pathogens with divergent effects on intercellular tight junctions. *Microbial Pathogenesis*, **2008**, 45, 377-85 | 3.8 | 16 |
| 16 | Inhibition of attaching and effacing lesion formation following enteropathogenic Escherichia coli and Shiga toxin-producing E. coli infection. *Infection and Immunity*, **2001**, 69, 7152-8 | 3.7 | 16 |
| 15 | Ground flaxseed reverses protection of a reduced-fat diet against Citrobacter rodentium-induced colitis. *American Journal of Physiology - Renal Physiology*, **2018**, 315, G788-G798 | 5.1 | 15 |
| 14 | Pathogenicity, host responses and implications for management of enterohemorrhagic Escherichia coli O157:H7 infection. *Canadian Journal of Gastroenterology & Hepatology*, **2013**, 27, 281-5 | | 14 |
| 13 | Activation of Wnt signaling by amniotic fluid stem cell-derived extracellular vesicles attenuates intestinal injury in experimental necrotizing enterocolitis. *Cell Death and Disease*, **2020**, 11, 750 | 9.8 | 13 |
| 12 | Human Milk Oligosaccharides Protect against Necrotizing Enterocolitis by Activating Intestinal Cell Differentiation. *Molecular Nutrition and Food Research*, **2020**, 64, e2000519 | 5.9 | 12 |
| 11 | Immune signalling responses in intestinal epithelial cells exposed to pathogenic Escherichia coli and lactic acid-producing probiotics. *Beneficial Microbes*, **2013**, 4, 195-209 | 4.9 | 11 |
| 10 | Vitamin B12 Deficiency Alters the Gut Microbiota in a Murine Model of Colitis. *Frontiers in Nutrition*, **2020**, 7, 83 | 6.2 | 9 |
| 9 | Transforming growth factor-1 protects against intestinal epithelial barrier dysfunction caused by hypoxia-reoxygenation. *Shock*, **2015**, 43, 483-9 | 3.4 | 8 |
| 8 | Protein kinase C mediates enterohemorrhagic Escherichia coli O157:H7-induced attaching and effacing lesions. *Infection and Immunity*, **2014**, 82, 1648-56 | 3.7 | 8 |
| 7 | Plant- and Fish-Derived n-3 PUFAs Suppress Citrobacter Rodentium-Induced Colonic Inflammation. *Molecular Nutrition and Food Research*, **2020**, 64, e1900873 | 5.9 | 7 |
| 6 | Novel antimicrobial peptide prevents C. rodentium infection in C57BL/6 mice by enhancing acid-induced pathogen killing. *Microbiology (United Kingdom)*, **2016**, 162, 1641-1650 | 2.9 | 2 |
| 5 | Probiotic stool secretory immunoglobulin A modulation in children with gastroenteritis: a randomized clinical trial. *American Journal of Clinical Nutrition*, **2021**, 113, 905-914 | 7 | 2 |

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| 4 | Amniotic fluid stem cell administration can prevent epithelial injury from necrotizing enterocolitis. *Pediatric Research*, **2021**, | 3.2 | 1 |
| 3 | Variations in the Composition of Human Milk Oligosaccharides Correlates with Effects on Both the Intestinal Epithelial Barrier and Host Inflammation: A Pilot Study.. *Nutrients*, **2022**, 14, | 6.7 | 1 |
| 2 | Structure-function Relationships of Human Milk Oligosaccharides on the Intestinal Epithelial Transcriptome in Caco-2 Cells and a Murine Model of Necrotizing Enterocolitis.. *Molecular Nutrition and Food Research*, **2021**, e2100893 | 5.9 | 1 |
| 1 | Role of Probiotics in the Management of Helicobacter pylori Infection **2009**, 231-240 | | |