

Nicolas Barnich

List of Publications by Year in descending order

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109
papers

10,293
citations

57758

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docs citations

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times ranked

9985
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | High prevalence of adherent-invasive <i>Escherichia coli</i> associated with ileal mucosa in Crohn's disease. <i>Gastroenterology</i> , 2004, 127, 412-421. | 1.3 | 1,325 |
| 2 | Presence of adherent <i>Escherichia coli</i> strains in ileal mucosa of patients with Crohn's disease. <i>Gastroenterology</i> , 1998, 115, 1405-1413. | 1.3 | 767 |
| 3 | Gut microbiota imbalance and colorectal cancer. <i>World Journal of Gastroenterology</i> , 2016, 22, 501. | 3.3 | 578 |
| 4 | CEACAM6 acts as a receptor for adherent-invasive <i>E. coli</i> , supporting ileal mucosa colonization in Crohn disease. <i>Journal of Clinical Investigation</i> , 2007, 117, 1566-1574. | 8.2 | 490 |
| 5 | Transient Inability to Manage Proteobacteria Promotes Chronic Gut Inflammation in TLR5-Deficient Mice. <i>Cell Host and Microbe</i> , 2012, 12, 139-152. | 11.0 | 459 |
| 6 | Western diet induces dysbiosis with increased <i>E. coli</i> in CEABAC10 mice, which alters host barrier function favouring AIEC colonisation. <i>Gut</i> , 2014, 63, 116-124. | 12.1 | 417 |
| 7 | Adherent Invasive <i>Escherichia coli</i> Strains from Patients with Crohn's Disease Survive and Replicate within Macrophages without Inducing Host Cell Death. <i>Infection and Immunity</i> , 2001, 69, 5529-5537. | 2.2 | 412 |
| 8 | New insights into the interplay between autophagy, gut microbiota and inflammatory responses in IBD. <i>Autophagy</i> , 2020, 16, 38-51. | 9.1 | 406 |
| 9 | Adherent-invasive <i>Escherichia coli</i> in inflammatory bowel disease. <i>Gut</i> , 2018, 67, 574-587. | 12.1 | 366 |
| 10 | Western diet induces a shift in microbiota composition enhancing susceptibility to Adherent-Invasive <i>E. coli</i> infection and intestinal inflammation. <i>Scientific Reports</i> , 2016, 6, 19032. | 3.3 | 328 |
| 11 | Crohn's disease adherent-invasive <i>Escherichia coli</i> colonize and induce strong gut inflammation in transgenic mice expressing human CEACAM. <i>Journal of Experimental Medicine</i> , 2009, 206, 2179-2189. | 8.5 | 269 |
| 12 | Microbiota, Inflammation and Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1310. | 4.1 | 237 |
| 13 | Type 1 pili-mediated adherence of <i>Escherichia coli</i> strain LF82 isolated from Crohn's disease is involved in bacterial invasion of intestinal epithelial cells. <i>Molecular Microbiology</i> , 2004, 39, 1272-1284. | 2.5 | 187 |
| 14 | Immunopathogenesis of inflammatory bowel disease. <i>Self/nonself</i> , 2010, 1, 299-309. | 2.0 | 177 |
| 15 | Colibactin: More Than a New Bacterial Toxin. <i>Toxins</i> , 2018, 10, 151. | 3.4 | 159 |
| 16 | Point Mutations in FimH Adhesin of Crohn's Disease-Associated Adherent-Invasive <i>Escherichia coli</i> Enhance Intestinal Inflammatory Response. <i>PLoS Pathogens</i> , 2013, 9, e1003141. | 4.7 | 150 |
| 17 | Regulatory and functional co-operation of flagella and type 1 pili in adhesive and invasive abilities of AIEC strain LF82 isolated from a patient with Crohn's disease. <i>Molecular Microbiology</i> , 2003, 48, 781-794. | 2.5 | 128 |
| 18 | Adherent-invasive <i>Escherichia coli</i> and Crohn's disease. <i>Current Opinion in Gastroenterology</i> , 2007, 23, 16-20. | 2.3 | 126 |

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|----|--|------|-----------|
| 19 | Abnormally expressed ER stress response chaperone Gp96 in CD favours adherent-invasive <i>Escherichia coli</i> invasion. <i>Gut</i> , 2010, 59, 1355-1362. | 12.1 | 118 |
| 20 | Comparative genomics of Crohn's disease-associated adherent-invasive <i>Escherichia coli</i> . <i>Gut</i> , 2017, 66, 1382-1389. | 12.1 | 114 |
| 21 | Crohn's disease-associated <i>Escherichia coli</i> LF82 aggravates colitis in injured mouse colon via signaling by flagellin. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 1051-1060. | 1.9 | 110 |
| 22 | HtrA Stress Protein Is Involved in Intramacrophagic Replication of Adherent and Invasive <i>Escherichia coli</i> Strain LF82 Isolated from a Patient with Crohn's Disease. <i>Infection and Immunity</i> , 2005, 73, 712-721. | 2.2 | 103 |
| 23 | Bacteriophages targeting adherent invasive <i>Escherichia coli</i> strains as a promising new treatment for Crohn's disease. <i>Journal of Crohn's and Colitis</i> , 2017, 11, jw224. | 1.3 | 102 |
| 24 | Strong Decrease in Invasive Ability and Outer Membrane Vesicle Release in Crohn's Disease-Associated Adherent-Invasive <i>Escherichia coli</i> Strain LF82 with the <i>yfgL</i> Gene Deleted. <i>Journal of Bacteriology</i> , 2005, 187, 2286-2296. | 2.2 | 100 |
| 25 | Dietary L-serine confers a competitive fitness advantage to Enterobacteriaceae in the inflamed gut. <i>Nature Microbiology</i> , 2020, 5, 116-125. | 13.3 | 93 |
| 26 | Chitin-Binding Domains of <i>Escherichia coli</i> ChiA Mediate Interactions With Intestinal Epithelial Cells in Mice With Colitis. <i>Gastroenterology</i> , 2013, 145, 602-612.e9. | 1.3 | 91 |
| 27 | Microbial markers in colorectal cancer detection and/or prognosis. <i>World Journal of Gastroenterology</i> , 2018, 24, 2327-2347. | 3.3 | 84 |
| 28 | Adherent-Invasive <i>Escherichia coli</i> Induce Claudin-2 Expression and Barrier Defect in CEABAC10 Mice and Crohn's Disease Patients. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 294-304. | 1.9 | 77 |
| 29 | Pathogenicity Factors of Genomic Islands in Intestinal and Extraintestinal <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 2065. | 3.5 | 77 |
| 30 | Prominence of ileal mucosa-associated microbiota to predict postoperative endoscopic recurrence in Crohn's disease. <i>Gut</i> , 2020, 69, 462-472. | 12.1 | 76 |
| 31 | Intestinal Microbiota: A Novel Target to Improve Anti-Tumor Treatment?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4584. | 4.1 | 72 |
| 32 | Dietary Emulsifiers Directly Impact Adherent-Invasive <i>E. coli</i> Gene Expression to Drive Chronic Intestinal Inflammation. <i>Cell Reports</i> , 2020, 33, 108229. | 6.4 | 66 |
| 33 | <i>Saccharomyces cerevisiae</i> CNCM I-3856 Prevents Colitis Induced by AIEC Bacteria in the Transgenic Mouse Model Mimicking Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 276-286. | 1.9 | 65 |
| 34 | Role of bacteria in the etiopathogenesis of inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2007, 13, 5571. | 3.3 | 64 |
| 35 | The Vat-AIEC protease promotes crossing of the intestinal mucus layer by Crohn's disease-associated <i>Escherichia coli</i> . <i>Cellular Microbiology</i> , 2016, 18, 617-631. | 2.1 | 64 |
| 36 | Colibactin-positive <i>Escherichia coli</i> induce a procarcinogenic immune environment leading to immunotherapy resistance in colorectal cancer. <i>International Journal of Cancer</i> , 2020, 146, 3147-3159. | 5.1 | 59 |

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|----|--|-----|-----------|
| 37 | Glycopolymers as Antiadhesives of <i>E. coli</i> Strains Inducing Inflammatory Bowel Diseases. <i>Biomacromolecules</i> , 2015, 16, 1827-1836. | 5.4 | 58 |
| 38 | Flagellin-mediated activation of IL-33-ST2 signaling by a pathobiont promotes intestinal fibrosis. <i>Mucosal Immunology</i> , 2019, 12, 632-643. | 6.0 | 57 |
| 39 | Adherent-Invasive <i>E. coli</i> : Update on the Lifestyle of a Troublemaker in Crohn's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3734. | 4.1 | 57 |
| 40 | Development of Heptylmannoside-Based Glycoconjugate Antiadhesive Compounds against Adherent-Invasive <i>Escherichia coli</i> Bacteria Associated with Crohn's Disease. <i>MBio</i> , 2015, 6, e01298-15. | 4.1 | 56 |
| 41 | Activation of the EIF2AK4-EIF2A/eIF2 β -ATF4 pathway triggers autophagy response to Crohn disease-associated adherent-invasive <i>Escherichia coli</i> infection. <i>Autophagy</i> , 2016, 12, 770-783. | 9.1 | 54 |
| 42 | Involvement of Lipoprotein Nlpl in the Virulence of Adherent Invasive <i>Escherichia coli</i> Strain LF82 Isolated from a Patient with Crohn's Disease. <i>Infection and Immunity</i> , 2004, 72, 2484-2493. | 2.2 | 53 |
| 43 | Metabolic adaptation of adherent-invasive <i>Escherichia coli</i> to exposure to bile salts. <i>Scientific Reports</i> , 2019, 9, 2175. | 3.3 | 53 |
| 44 | Autophagy of Intestinal Epithelial Cells Inhibits Colorectal Carcinogenesis Induced by Colibactin-Producing <i>Escherichia coli</i> in Apc Mice. <i>Gastroenterology</i> , 2020, 158, 1373-1388. | 1.3 | 53 |
| 45 | Understanding Host-Adherent-Invasive <i>Escherichia coli</i> Interaction in Crohn's Disease: Opening Up New Therapeutic Strategies. <i>BioMed Research International</i> , 2014, 2014, 1-16. | 1.9 | 51 |
| 46 | AIEC infection triggers modification of gut microbiota composition in genetically predisposed mice, contributing to intestinal inflammation. <i>Scientific Reports</i> , 2018, 8, 12301. | 3.3 | 50 |
| 47 | Adaptation of adherent-invasive <i>E. coli</i> to gut environment: Impact on flagellum expression and bacterial colonization ability. <i>Gut Microbes</i> , 2020, 11, 364-380. | 9.8 | 49 |
| 48 | Crohn disease-associated <i>Escherichia coli</i> promote gastrointestinal inflammatory disorders by activation of HIF-dependent responses. <i>Gut Microbes</i> , 2011, 2, 335-346. | 9.8 | 46 |
| 49 | The Antiadhesive Strategy in Crohn's Disease: Orally Active Mannosides to Decolonize Pathogenic <i>Escherichia coli</i> from the Gut. <i>ChemBioChem</i> , 2016, 17, 936-952. | 2.6 | 46 |
| 50 | Monocyte-derived Macrophages from Crohn's Disease Patients Are Impaired in the Ability to Control Intracellular Adherent-Invasive <i>Escherichia coli</i> and Exhibit Disordered Cytokine Secretion Profile. <i>Journal of Crohn's and Colitis</i> , 2015, 9, 410-420. | 1.3 | 45 |
| 51 | The Crohn's disease-associated <i>Escherichia coli</i> strain LF82 relies on SOS and stringent responses to survive, multiply and tolerate antibiotics within macrophages. <i>PLoS Pathogens</i> , 2019, 15, e1008123. | 4.7 | 44 |
| 52 | Abnormal CEACAM6 expression in Crohn disease patients favors gut colonization and inflammation by Adherent-Invasive <i>E. coli</i> . <i>Virulence</i> , 2010, 1, 281-282. | 4.4 | 42 |
| 53 | GipA Factor Supports Colonization of Peyer's Patches by Crohn's Disease-associated <i>Escherichia coli</i> . <i>Inflammatory Bowel Diseases</i> , 2016, 22, 68-81. | 1.9 | 41 |
| 54 | TH1 cell-inducing <i>Escherichia coli</i> strain identified from the small intestinal mucosa of patients with Crohn's disease. <i>Gut Microbes</i> , 2020, 12, 1788898. | 9.8 | 40 |

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|----|--|------|-----------|
| 55 | Diet-induced hypoxia responsive element demethylation increases CEACAM6 expression, favouring Crohn's disease-associated <i>Escherichia coli</i> colonisation. <i>Gut</i> , 2015, 64, 428-437. | 12.1 | 35 |
| 56 | Interactions between microsatellite instability and human gut colonization by <i>Escherichia coli</i> in colorectal cancer. <i>Clinical Science</i> , 2017, 131, 471-485. | 4.3 | 35 |
| 57 | T cell clonal expansions in ileal Crohn's disease are associated with smoking behaviour and postoperative recurrence. <i>Gut</i> , 2019, 68, 1961-1970. | 12.1 | 35 |
| 58 | The potential of FimH as a novel therapeutic target for the treatment of Crohn's disease. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 837-847. | 3.4 | 31 |
| 59 | Enterohemorrhagic <i>Escherichia coli</i> pathogenesis: role of Long polar fimbriae in Peyer's patches interactions. <i>Scientific Reports</i> , 2017, 7, 44655. | 3.3 | 30 |
| 60 | Exosomes Released from Cells Infected with Crohn's Disease-associated Adherent-Invasive <i>Escherichia coli</i> Activate Host Innate Immune Responses and Enhance Bacterial Intracellular Replication. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 516-528. | 1.9 | 29 |
| 61 | Emerging Role of Exosomes in Diagnosis and Treatment of Infectious and Inflammatory Bowel Diseases. <i>Cells</i> , 2020, 9, 1111. | 4.1 | 29 |
| 62 | Gut Microbiota as Potential Biomarker and/or Therapeutic Target to Improve the Management of Cancer: Focus on Colibactin-Producing <i>Escherichia coli</i> in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 2215. | 3.7 | 29 |
| 63 | High intensity interval training promotes total and visceral fat mass loss in obese Zucker rats without modulating gut microbiota. <i>PLoS ONE</i> , 2019, 14, e0214660. | 2.5 | 26 |
| 64 | Crohn's Disease-Associated Adherent-Invasive <i>Escherichia coli</i> Manipulate Host Autophagy by Impairing SUMOylation. <i>Cells</i> , 2019, 8, 35. | 4.1 | 26 |
| 65 | Ulcerative Colitis-associated <i>E. coli</i> pathobionts potentiate colitis in susceptible hosts. <i>Gut Microbes</i> , 2020, 12, 1847976. | 9.8 | 26 |
| 66 | Tissue-Specific Oxidative Stress Modulation by Exercise: A Comparison between MICT and HIIT in an Obese Rat Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11. | 4.0 | 25 |
| 67 | Exosomes transfer miRNAs from cell-to-cell to inhibit autophagy during infection with Crohn's disease-associated adherent-invasive <i>E. coli</i> . <i>Gut Microbes</i> , 2020, 11, 1677-1694. | 9.8 | 22 |
| 68 | Blockage of bacterial FimH prevents mucosal inflammation associated with Crohn's disease. <i>Microbiome</i> , 2021, 9, 176. | 11.1 | 22 |
| 69 | Propionate catabolism by CD-associated adherent-invasive <i>E. coli</i> counteracts its anti-inflammatory effect. <i>Gut Microbes</i> , 2021, 13, 1-18. | 9.8 | 22 |
| 70 | Role of adherent and invasive <i>Escherichia coli</i> in Crohn's disease: lessons from the postoperative recurrence model. <i>Gut</i> , 2023, 72, 39-48. | 12.1 | 22 |
| 71 | Adherent-Invasive <i>E. coli</i> enhances colonic hypersensitivity and P2X receptors expression during post-infectious period. <i>Gut Microbes</i> , 2018, 9, 26-37. | 9.8 | 21 |
| 72 | The Crohn's disease-related bacterial strain LF82 assembles biofilm-like communities to protect itself from phagolysosomal attack. <i>Communications Biology</i> , 2021, 4, 627. | 4.4 | 21 |

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|----|---|-----|-----------|
| 73 | Analysis of the <i>Yf</i> E Regulon in Crohn's Disease-Associated <i>Escherichia coli</i> Revealed Involvement of the <i>waaWVL</i> Operon in Biofilm Formation. <i>Journal of Bacteriology</i> , 2015, 197, 1451-1465. | 2.2 | 20 |
| 74 | Effect of Concurrent Training on Body Composition and Gut Microbiota in Postmenopausal Women with Overweight or Obesity. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 517-529. | 0.4 | 20 |
| 75 | Exosomes: From Functions in Host-Pathogen Interactions and Immunity to Diagnostic and Therapeutic Opportunities. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2016, 172, 39-75. | 1.6 | 19 |
| 76 | Colibactin-Producing <i>Escherichia coli</i> Induce the Formation of Invasive Carcinomas in a Chronic Inflammation-Associated Mouse Model. <i>Cancers</i> , 2021, 13, 2060. | 3.7 | 19 |
| 77 | Macrophages Inability to Mediate Adherent-Invasive <i>E. coli</i> Replication is Linked to Autophagy in Crohn's Disease Patients. <i>Cells</i> , 2019, 8, 1394. | 4.1 | 17 |
| 78 | Brilliant glyconanocapsules for trapping of bacteria. <i>Chemical Communications</i> , 2015, 51, 13193-13196. | 4.1 | 16 |
| 79 | Ribonucleotide Reductase <i>NrdR</i> as a Novel Regulator for Motility and Chemotaxis during Adherent-Invasive <i>Escherichia coli</i> Infection. <i>Infection and Immunity</i> , 2015, 83, 1305-1317. | 2.2 | 16 |
| 80 | Role of Decreased Levels of Fis Histone-Like Protein in Crohn's Disease-Associated Adherent Invasive <i>Escherichia coli</i> LF82 Bacteria Interacting with Intestinal Epithelial Cells. <i>Journal of Bacteriology</i> , 2010, 192, 1832-1843. | 2.2 | 15 |
| 81 | Oligomannose-Rich Membranes of Dying Intestinal Epithelial Cells Promote Host Colonization by Adherent-Invasive <i>E. coli</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 742. | 3.5 | 15 |
| 82 | Physiochemical Tuning of Potent <i>Escherichia coli</i> Anti-Adhesives by Microencapsulation and Methylene Homologation. <i>ChemMedChem</i> , 2017, 12, 986-998. | 3.2 | 14 |
| 83 | Heptylmannose-functionalized cellulose for the binding and specific detection of pathogenic <i>E. coli</i> . <i>Chemical Communications</i> , 2019, 55, 10158-10161. | 4.1 | 13 |
| 84 | The TOTUM-63 Supplement and High-Intensity Interval Training Combination Limits Weight Gain, Improves Glycemic Control, and Influences the Composition of Gut Mucosa-Associated Bacteria in Rats on a High Fat Diet. <i>Nutrients</i> , 2021, 13, 1569. | 4.1 | 13 |
| 85 | Characterization of mucosa-associated <i>Escherichia coli</i> strains isolated from Crohn's disease patients in Brazil. <i>BMC Microbiology</i> , 2020, 20, 178. | 3.3 | 12 |
| 86 | Influenza A Virus Infection of Intestinal Epithelial Cells Enhances the Adhesion Ability of Crohn's Disease Associated <i>Escherichia coli</i> Strains. <i>PLoS ONE</i> , 2015, 10, e0117005. | 2.5 | 11 |
| 87 | Differentiation of Crohn's Disease-Associated Isolates from Other Pathogenic <i>Escherichia coli</i> by Fimbrial Adhesion under Shear Force. <i>Biology</i> , 2016, 5, 14. | 2.8 | 11 |
| 88 | A library of heptyl mannose-functionalized copolymers with distinct compositions, microstructures and neighboring non-sugar motifs as potent antiadhesives of type 1 pilated <i>E. coli</i> . <i>Polymer Chemistry</i> , 2016, 7, 2674-2683. | 3.9 | 11 |
| 89 | High-Intensity Interval Training and ω -Linolenic Acid Supplementation Improve DHA Conversion and Increase the Abundance of Gut Mucosa-Associated <i>Oscillospira</i> Bacteria. <i>Nutrients</i> , 2021, 13, 788. | 4.1 | 11 |
| 90 | Faster and less invasive tools to identify patients with ileal colonization by adherent-invasive <i>E. coli</i> in Crohn's disease. <i>United European Gastroenterology Journal</i> , 2021, 9, 1007-1018. | 3.8 | 11 |

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|-----|---|------|-----------|
| 91 | Macrophages Versus Escherichia coli. Inflammatory Bowel Diseases, 2016, 22, 2943-2955. | 1.9 | 10 |
| 92 | Preventive Effect of Spontaneous Physical Activity on the Gut-Adipose Tissue in a Mouse Model That Mimics Crohn's Disease Susceptibility. Cells, 2019, 8, 33. | 4.1 | 10 |
| 93 | Beneficial Effects of Natural Mineral Waters on Intestinal Inflammation and the Mucosa-Associated Microbiota. International Journal of Molecular Sciences, 2021, 22, 4336. | 4.1 | 10 |
| 94 | The Role of OmpR in Bile Tolerance and Pathogenesis of Adherent-Invasive Escherichia coli. Frontiers in Microbiology, 2021, 12, 684473. | 3.5 | 10 |
| 95 | Methyl-donor supplementation prevents intestinal colonization by Adherent-Invasive E. coli in a mouse model of Crohn's disease. Scientific Reports, 2020, 10, 12922. | 3.3 | 9 |
| 96 | The Nutrition-Microbiota-Physical Activity Triad: An Inspiring New Concept for Health and Sports Performance. Nutrients, 2022, 14, 924. | 4.1 | 9 |
| 97 | Prognostic value of a combination of innovative factors (gut microbiota, sarcopenia, obesity,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T colorectal cancer: a prospective cohort study protocol (METABIOTE). BMJ Open, 2020, 10, e031472. | 1.9 | 8 |
| 98 | Heteropolysaccharides from S. cerevisiae show anti-adhesive properties against E. coli associated with Crohn's disease. Carbohydrate Polymers, 2021, 271, 118415. | 10.2 | 8 |
| 99 | Study of a classification algorithm for AIEC identification in geographically distinct E. coli strains. Scientific Reports, 2020, 10, 8094. | 3.3 | 7 |
| 100 | Beneficial Effects of Linseed Supplementation on Gut Mucosa-Associated Microbiota in a Physically Active Mouse Model of Crohn's Disease. International Journal of Molecular Sciences, 2022, 23, 5891. | 4.1 | 7 |
| 101 | Yersiniabactin Siderophore of Crohn's Disease-Associated Adherent-Invasive Escherichia coli Is Involved in Autophagy Activation in Host Cells. International Journal of Molecular Sciences, 2021, 22, 3512. | 4.1 | 5 |
| 102 | Anti-TNF Agents Restrict Adherent-invasive Escherichia coli Replication Within Macrophages Through Modulation of Chitinase 3-like 1 in Patients with Crohn's Disease. Journal of Crohn's and Colitis, 2022, 16, 1140-1150. | 1.3 | 5 |
| 103 | Phage Therapy Against Adherent-invasive E. coli: Towards a Promising Treatment of Crohn's Disease Patients?. Journal of Crohn's and Colitis, 2022, 16, 1509-1510. | 1.3 | 5 |
| 104 | In Memoriam, Arlette Darfeuille-Michaud, PhD. Gut, 2014, 63, 1681-1682. | 12.1 | 4 |
| 105 | Beneficial Effects of High Intensity Interval Training and/or Linseed Oil Supplementation to Limit Obesity-Induced Oxidative Stress in High Fat Diet-Fed Rats. Nutrients, 2021, 13, 3531. | 4.1 | 3 |
| 106 | Differential miRNA-Gene Expression in M Cells in Response to Crohn's Disease-Associated AIEC. Microorganisms, 2020, 8, 1205. | 3.6 | 2 |
| 107 | When Adherent-invasive E. coli plays with host glycosylation: Does it open new perspectives for therapeutic strategies in Crohn's disease?. EBioMedicine, 2020, 55, 102752. | 6.1 | 2 |
| 108 | Mo1777 Involvement of Type VI Secretion Systems in Virulence of Adherent-Invasive Escherichia coli Isolated From Patients With Crohn's Disease. Gastroenterology, 2015, 148, S-709. | 1.3 | 1 |

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|-----|---|-----|-----------|
| 109 | When Pathobiont-Carbohydrate Interaction Turns Bittersweet!. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 1509-1510. | 4.5 | 1 |