

Michael B Burns

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

3,331
citations

516710
16
h-index

713466
21
g-index

25
all docs

25
docs citations

25
times ranked

5401
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Identification of shared and disease-specific host gene-microbiome associations across human diseases using multi-omic integration. <i>Nature Microbiology</i> , 2022, 7, 780-795. | 13.3 | 57 |
| 2 | Extended Frameworks for Extended Reality: Ethical Considerations. <i>AJOB Neuroscience</i> , 2022, 13, 171-173. | 1.1 | 0 |
| 3 | R-Spondins 2 and 3 Are Overexpressed in a Subset of Human Colon and Breast Cancers. <i>DNA and Cell Biology</i> , 2021, 40, 70-79. | 1.9 | 9 |
| 4 | Interspecies variation in hominid gut microbiota controls host gene regulation. <i>Cell Reports</i> , 2021, 37, 110057. | 6.4 | 9 |
| 5 | APOBEC3A catalyzes mutation and drives carcinogenesis in vivo. <i>Journal of Experimental Medicine</i> , 2020, 217, . | 8.5 | 87 |
| 6 | The promise and challenge of cancer microbiome research. <i>Genome Biology</i> , 2020, 21, 131. | 8.8 | 26 |
| 7 | Plasticity in the Human Gut Microbiome Defies Evolutionary Constraints. <i>MSphere</i> , 2019, 4, . | 2.9 | 40 |
| 8 | Mapping gastrointestinal gene expression patterns in wild primates and humans via fecal RNA-seq. <i>BMC Genomics</i> , 2019, 20, 493. | 2.8 | 8 |
| 9 | Gut Microbiota Has a Widespread and Modifiable Effect on Host Gene Regulation. <i>MSystems</i> , 2019, 4, . | 3.8 | 74 |
| 10 | Integrating tumor genomics into studies of the microbiome in colorectal cancer. <i>Gut Microbes</i> , 2019, 10, 547-552. | 9.8 | 14 |
| 11 | Transposon mutagenesis screen in mice identifies TM9SF2 as a novel colorectal cancer oncogene. <i>Scientific Reports</i> , 2018, 8, 15327. | 3.3 | 17 |
| 12 | Interaction between Host MicroRNAs and the Gut Microbiota in Colorectal Cancer. <i>MSystems</i> , 2018, 3, . | 3.8 | 97 |
| 13 | Colorectal cancer mutational profiles correlate with defined microbial communities in the tumor microenvironment. <i>PLoS Genetics</i> , 2018, 14, e1007376. | 3.5 | 65 |
| 14 | Genetic and Transcriptional Analysis of Human Host Response to Healthy Gut Microbiota. <i>MSystems</i> , 2016, 1, . | 3.8 | 28 |
| 15 | Gut Microbiome of Coexisting BaAka Pygmies and Bantu Reflects Gradients of Traditional Subsistence Patterns. <i>Cell Reports</i> , 2016, 14, 2142-2153. | 6.4 | 231 |
| 16 | Social networks predict gut microbiome composition in wild baboons. <i>ELife</i> , 2015, 4, . | 6.0 | 403 |
| 17 | Virulence genes are a signature of the microbiome in the colorectal tumor microenvironment. <i>Genome Medicine</i> , 2015, 7, 55. | 8.2 | 197 |
| 18 | The PKC/NF- κ B Signaling Pathway Induces APOBEC3B Expression in Multiple Human Cancers. <i>Cancer Research</i> , 2015, 75, 4538-4547. | 0.9 | 116 |

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|----|---|------|-----------|
| 19 | Elevated APOBEC3B Correlates with Poor Outcomes for Estrogen-Receptor-Positive Breast Cancers. <i>Hormones and Cancer</i> , 2014, 5, 405-413. | 4.9 | 140 |
| 20 | Evidence for APOBEC3B mutagenesis in multiple human cancers. <i>Nature Genetics</i> , 2013, 45, 977-983. | 21.4 | 660 |
| 21 | APOBEC3B is an enzymatic source of mutation in breast cancer. <i>Nature</i> , 2013, 494, 366-370. | 27.8 | 758 |
| 22 | APOBEC3 proteins mediate the clearance of foreign DNA from human cells. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 222-229. | 8.2 | 295 |