

Devon W Kavanaugh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1836039/publications.pdf>

Version: 2024-02-01

18
papers

1,132
citations

687220

13
h-index

839398

18
g-index

18
all docs

18
docs citations

18
times ranked

2223
citing authors

#	ARTICLE	IF	CITATIONS
1	Mucin glycan foraging in the human gut microbiome. <i>Frontiers in Genetics</i> , 2015, 6, 81.	1.1	612
2	Exposure of <i>Bifidobacterium longum</i> subsp. <i>infantis</i> to Milk Oligosaccharides Increases Adhesion to Epithelial Cells and Induces a Substantial Transcriptional Response. <i>PLoS ONE</i> , 2013, 8, e67224.	1.1	87
3	Point-of-Need DNA Testing for Detection of Foodborne Pathogenic Bacteria. <i>Sensors</i> , 2019, 19, 1100.	2.1	82
4	The StcE metalloprotease of enterohaemorrhagic <i>Escherichia coli</i> reduces the inner mucus layer and promotes adherence to human colonic epithelium <i>ex vivo</i> . <i>Cellular Microbiology</i> , 2017, 19, e12717.	1.1	58
5	Anti-infective bovine colostrum oligosaccharides: <i>Campylobacter jejuni</i> as a case study. <i>International Journal of Food Microbiology</i> , 2012, 157, 182-188.	2.1	53
6	<i>Lactobacillus reuteri</i> Surface Mucus Adhesins Upregulate Inflammatory Responses Through Interactions With Innate C-Type Lectin Receptors. <i>Frontiers in Microbiology</i> , 2017, 8, 321.	1.5	43
7	Use of Atomic Force Microscopy to Study the Multi-Modular Interaction of Bacterial Adhesins to Mucins. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1854.	1.8	39
8	Structural basis for the role of serine-rich repeat proteins from <i>Lactobacillus reuteri</i> in gut microbe-host interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2706-E2715.	3.3	35
9	The intestinal glycome and its modulation by diet and nutrition. <i>Nutrition Reviews</i> , 2015, 73, 359-375.	2.6	30
10	Sensitive Detection of <i>E. coli</i> in Artificial Seawater by Aptamer-Coated Magnetic Beads and Direct PCR. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5392.	1.3	23
11	Molecular basis for intestinal mucin recognition by galectin-3 and C-type lectins. <i>FASEB Journal</i> , 2018, 32, 3301-3320.	0.2	21
12	Serine-rich repeat protein adhesins from <i>Lactobacillus reuteri</i> display strain specific glycosylation profiles. <i>Glycobiology</i> , 2019, 29, 45-58.	1.3	15
13	Detection of Galectin-3 Interaction with Commensal Bacteria. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3507-3510.	1.4	14
14	The pathogenic biomarker alcohol dehydrogenase protein is involved in <i>Bacillus cereus</i> virulence and survival against host innate defence. <i>PLoS ONE</i> , 2022, 17, e0259386.	1.1	7
15	The Role of Oligosaccharides in Host-Microbial Interactions for Human Health. <i>Journal of Clinical Gastroenterology</i> , 2016, 50, S131-S132.	1.1	4
16	New genetic biomarkers to differentiate non-pathogenic from clinically relevant <i>Bacillus cereus</i> strains. <i>Clinical Microbiology and Infection</i> , 2022, 28, 137.e1-137.e8.	2.8	4
17	St John's wort versus paroxetine for depression. <i>Canadian Family Physician</i> , 2007, 53, 1511-3.	0.1	4
18	Identification of a New Pathogenicity Island Within the Large pAH187_270 Plasmid Involved in <i>Bacillus cereus</i> Virulence. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 788757.	1.8	1