

Brian V Jones

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

3,240
citations

236612

25
h-index

288905

40
g-index

43
all docs

43
docs citations

43
times ranked

5184
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional and comparative metagenomic analysis of bile salt hydrolase activity in the human gut microbiome. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13580-13585.	3.3	797
2	Alternatives to antibiotics—a pipeline portfolio review. Lancet Infectious Diseases, The, 2016, 16, 239-251.	4.6	720
3	Ultrastructure of <i>Proteus mirabilis</i> Swarmer Cell Rafts and Role of Swarming in Catheter-Associated Urinary Tract Infection. Infection and Immunity, 2004, 72, 3941-3950.	1.0	176
4	The human gut virome: a multifaceted majority. Frontiers in Microbiology, 2015, 6, 918.	1.5	171
5	Transposon-aided capture (TRACA) of plasmids resident in the human gut mobile metagenome. Nature Methods, 2007, 4, 55-61.	9.0	105
6	Effects of selective digestive decontamination (SDD) on the gut resistome. Journal of Antimicrobial Chemotherapy, 2014, 69, 2215-2223.	1.3	90
7	Bacterial biofilm formation on indwelling urethral catheters. Letters in Applied Microbiology, 2019, 68, 277-293.	1.0	84
8	Genome signature-based dissection of human gut metagenomes to extract subliminal viral sequences. Nature Communications, 2013, 4, 2420.	5.8	76
9	<i>Escherichia coli</i> Nissle 1917 enhances bioavailability of serotonin in gut tissues through modulation of synthesis and clearance. Scientific Reports, 2015, 5, 17324.	1.6	74
10	Role of swarming in the formation of crystalline <i>Proteus mirabilis</i> biofilms on urinary catheters. Journal of Medical Microbiology, 2005, 54, 807-813.	0.7	69
11	An in-situ infection detection sensor coating for urinary catheters. Biosensors and Bioelectronics, 2016, 81, 166-172.	5.3	61
12	Bacteriophage Can Prevent Encrustation and Blockage of Urinary Catheters by <i>Proteus mirabilis</i> . Antimicrobial Agents and Chemotherapy, 2016, 60, 1530-1536.	1.4	61
13	Comparative metagenomic analysis of plasmid encoded functions in the human gut microbiome. BMC Genomics, 2010, 11, 46.	1.2	57
14	Comparative (Meta)genomic Analysis and Ecological Profiling of Human Gut-Specific Bacteriophage ϕ B124-14. PLoS ONE, 2012, 7, e35053.	1.1	55
15	Dysbiosis modulates capacity for bile acid modification in the gut microbiomes of patients with inflammatory bowel disease: a mechanism and marker of disease?: Figure 1. Gut, 2012, 61, 1642-1643.	6.1	54
16	Prevention of encrustation and blockage of urinary catheters by <i>Proteus mirabilis</i> via pH-triggered release of bacteriophage. Journal of Materials Chemistry B, 2017, 5, 5403-5411.	2.9	54
17	Identification of Aminoglycoside and β -Lactam Resistance Genes from within an Infant Gut Functional Metagenomic Library. PLoS ONE, 2014, 9, e108016.	1.1	48
18	In silico maturation of binding specificity of DNA aptamers against <i>Proteus mirabilis</i> . Biotechnology and Bioengineering, 2013, 110, 2573-2580.	1.7	42

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19	Using skimmed milk agar to functionally screen a gut metagenomic library for proteases may lead to false positives. <i>Letters in Applied Microbiology</i> , 2007, 45, 418-420.	1.0	41
20	The human gut mobile metagenome. <i>Gut Microbes</i> , 2010, 1, 415-431.	4.3	36
21	Evaluation of environmental scanning electron microscopy for analysis of <i>Proteus mirabilis</i> crystalline biofilms <i>in situ</i> on urinary catheters. <i>FEMS Microbiology Letters</i> , 2014, 355, 20-27.	0.7	34
22	Fluoxetine and thioridazine inhibit efflux and attenuate crystalline biofilm formation by <i>Proteus mirabilis</i> . <i>Scientific Reports</i> , 2017, 7, 12222.	1.6	34
23	Development of a High-Throughput <i>ex-Vivo</i> Burn Wound Model Using Porcine Skin, and Its Application to Evaluate New Approaches to Control Wound Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 196.	1.8	34
24	Accessing the mobile metagenome of the human gut microbiota. <i>Molecular BioSystems</i> , 2007, 3, 749.	2.9	29
25	Evolutionary, ecological and biotechnological perspectives on plasmids resident in the human gut mobile metagenome. <i>Bioengineered</i> , 2012, 3, 13-31.	1.4	27
26	Selection of DNA aptamers against uropathogenic <i>Escherichia coli</i> NSM59 by quantitative PCR controlled Cell-SELEX. <i>Journal of Microbiological Methods</i> , 2014, 104, 94-100.	0.7	26
27	Disruption of <i>Escherichia coli</i> Nissle 1917 K5 Capsule Biosynthesis, through Loss of Distinct <i>kfi</i> genes, Modulates Interaction with Intestinal Epithelial Cells and Impact on Cell Health. <i>PLoS ONE</i> , 2015, 10, e0120430.	1.1	22
28	Antibiotic Therapy and the Gut Microbiome: Investigating the Effect of Delivery Route on Gut Pathogens. <i>ACS Infectious Diseases</i> , 2021, 7, 1283-1296.	1.8	22
29	Resolution of habitat-associated ecogenomic signatures in bacteriophage genomes and application to microbial source tracking. <i>ISME Journal</i> , 2018, 12, 942-958.	4.4	19
30	Emerging medical and engineering strategies for the prevention of long-term indwelling catheter blockage. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2019, 233, 68-83.	1.0	18
31	The potential of nanoflow liquid chromatography-nano electrospray ionisation-mass spectrometry for global profiling the faecal metabolome. <i>Journal of Chromatography A</i> , 2019, 1600, 127-136.	1.8	18
32	Bacteriophages in Biological Wastewater Treatment Systems: Occurrence, Characterization, and Function. <i>Frontiers in Microbiology</i> , 2021, 12, 730071.	1.5	16
33	Genomic and Ecogenomic Characterization of <i>Proteus mirabilis</i> Bacteriophages. <i>Frontiers in Microbiology</i> , 2019, 10, 1783.	1.5	13
34	Metagenomic identification, purification and characterisation of the <i>Bifidobacterium adolescentis</i> BgaC β -galactosidase. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 1063-1078.	1.7	13
35	Development of a DNA aptamer that binds to the complementarity-determining region of therapeutic monoclonal antibody and affinity improvement induced by pH-change for sensitive detection. <i>Biosensors and Bioelectronics</i> , 2022, 203, 114027.	5.3	13
36	Derepression of the <i>smvA</i> Efflux System Arises in Clinical Isolates of <i>Proteus mirabilis</i> and Reduces Susceptibility to Chlorhexidine and Other Biocides. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	9

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37	A Novel Inducible Prophage from <i>Burkholderia vietnamiensis</i> G4 Is Widely Distributed across the Species and Has Lytic Activity against Pathogenic <i>Burkholderia</i> . <i>Viruses</i> , 2020, 12, 601.	1.5	8
38	An In Vitro Bladder Model for Studying Catheter-Associated Urinary Tract Infection and Associated Analysis of Biofilms. <i>Methods in Molecular Biology</i> , 2019, 2021, 139-158.	0.4	7
39	The human gut virome: form and function. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 351-362.	1.1	5
40	Revisiting enterotypes: a viral perspective. <i>Future Virology</i> , 2017, 12, 391-394.	0.9	1
41	The Human Gut Mobile Metagenome: A Metazoan Perspective. , 2013, , 1-14.		1
42	Mobile Metagenome. , 2012, , 1-15.		0
43	Plasmid Capture from Metagenomes. , 2013, , 1-13.		0