

Sharon Ann Huws

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

966
citations

759055

12
h-index

752573

20
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26
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26
docs citations

26
times ranked

1036
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-Genome Sequencing and Comparative Genomic Analysis of Antimicrobial Producing <i>Streptococcus lutetiensis</i> from the Rumen. <i>Microorganisms</i> , 2022, 10, 551.	1.6	2
2	In silico identification of two peptides with antibacterial activity against multidrug-resistant <i>Staphylococcus aureus</i> . <i>Npj Biofilms and Microbiomes</i> , 2022, 8, .	2.9	11
3	The rumen eukaryotome is a source of novel antimicrobial peptides with therapeutic potential. <i>BMC Microbiology</i> , 2021, 21, 105.	1.3	11
4	Microbiomes attached to fresh perennial ryegrass are temporally resilient and adapt to changing ecological niches. <i>Microbiome</i> , 2021, 9, 143.	4.9	9
5	Phylogenetic systematics of <i>Butyrivibrio</i> and <i>Pseudobutyrvibrio</i> genomes illustrate vast taxonomic diversity, open genomes and an abundance of carbohydrate-active enzyme family isoforms. <i>Microbial Genomics</i> , 2021, 7, .	1.0	9
6	In silico Screening Unveil the Great Potential of Ruminant Bacteria Synthesizing Lasso Peptides. <i>Frontiers in Microbiology</i> , 2020, 11, 576738.	1.5	10
7	Can rumen bacteria communicate to each other?. <i>Microbiome</i> , 2020, 8, 23.	4.9	43
8	BioSAXS Measurements Reveal That Two Antimicrobial Peptides Induce Similar Molecular Changes in Gram-Negative and Gram-Positive Bacteria. <i>Frontiers in Pharmacology</i> , 2019, 10, 1127.	1.6	14
9	Welcome to Animal Microbiome. <i>Animal Microbiome</i> , 2019, 1, 1.	1.5	14
10	Characterization of antibiotic resistance genes in the species of the rumen microbiota. <i>Nature Communications</i> , 2019, 10, 5252.	5.8	68
11	Exploring the rumen fluid metabolome using liquid chromatography-high-resolution mass spectrometry and Molecular Networking. <i>Scientific Reports</i> , 2018, 8, 17971.	1.6	17
12	Using α -Omic Approaches to Compare Temporal Bacterial Colonization of <i>Lolium perenne</i> , <i>Lotus corniculatus</i> , and <i>Trifolium pratense</i> in the Rumen. <i>Frontiers in Microbiology</i> , 2018, 9, 2184.	1.5	19
13	Addressing Global Ruminant Agricultural Challenges Through Understanding the Rumen Microbiome: Past, Present, and Future. <i>Frontiers in Microbiology</i> , 2018, 9, 2161.	1.5	255
14	The rumen microbiome: an underexplored resource for novel antimicrobial discovery. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 33.	2.9	51
15	Buwchitin: A Ruminant Peptide with Antimicrobial Potential against <i>Enterococcus faecalis</i> . <i>Frontiers in Chemistry</i> , 2017, 5, 51.	1.8	19
16	Temporal Metagenomic and Metabolomic Characterization of Fresh Perennial Ryegrass Degradation by Rumen Bacteria. <i>Frontiers in Microbiology</i> , 2016, 7, 1854.	1.5	69
17	Temporal dynamics of the metabolically active rumen bacteria colonizing fresh perennial ryegrass. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiv137.	1.3	108
18	Ruminal <i>Prevotella</i> spp. May Play an Important Role in the Conversion of Plant Lignans into Human Health Beneficial Antioxidants. <i>PLoS ONE</i> , 2014, 9, e87949.	1.1	38

#	ARTICLE	IF	CITATIONS
19	Plant-based strategies towards minimising "livestock's long shadow". Proceedings of the Nutrition Society, 2010, 69, 613-620.	0.4	41
20	Dynamics of initial colonization of nonconserved perennial ryegrass by anaerobic fungi in the bovine rumen. FEMS Microbiology Ecology, 2008, 66, 537-545.	1.3	146
21	Resistome Analysis of Global Livestock and Soil Microbiomes. Frontiers in Microbiology, 0, 13, .	1.5	12