

Joy Scaria

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67

papers

989

citations

18

h-index

29

g-index

90

ext. papers

1,431

ext. citations

3.9

avg, IF

4.61

L-index

#	Paper	IF	Citations
67	Antimicrobial-Resistant Distribution and Whole-Genome Analysis of Sequence Type 131 Isolates in Public Restrooms in Taiwan.. <i>Frontiers in Microbiology</i> , 2022 , 13, 864209	5.7	1
66	The Microbial Nitrogen Cycling, Bacterial Community Composition, and Functional Potential in a Natural Grassland Are Stable from Breaking Dormancy to Being Dormant Again. <i>Microorganisms</i> , 2022 , 10, 923	4.9	0
65	Western and non-western gut microbiomes reveal new roles of Prevotella in carbohydrate metabolism and mouth-gut axis. <i>Npj Biofilms and Microbiomes</i> , 2021 , 7, 77	8.2	3
64	Genomics accurately predicts antimicrobial resistance in Staphylococcus pseudintermedius collected as part of Vet-LIRN resistance monitoring. <i>Veterinary Microbiology</i> , 2021 , 254, 109006	3.3	2
63	SW178 sp. nov., an intestinal bacterium of feral chicken. <i>PeerJ</i> , 2021 , 9, e11050	3.1	0
62	266 Growth Performance, Fecal Score, and Blood Immune Parameters of Nursery Pigs Challenged with Escherichia coli F18 Fed Canola Meal-based Diet. <i>Journal of Animal Science</i> , 2021 , 99, 98-98	0.7	78
61	Screening of Human Gut Bacterial Culture Collection Identifies Species That Biotransform Quercetin into Metabolites with Anticancer Properties. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
60	Characterization of bovine ileal epithelial cell line for lectin binding, susceptibility to enteric pathogens, and TLR mediated immune responses. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2021 , 74, 101581	2.6	2
59	Description of sp. nov., a new member of the genus isolated from the ceacum of feral chicken. <i>New Microbes and New Infections</i> , 2021 , 42, 100902	4.1	
58	Positive Synergistic Effects of Quercetin and Rice Bran on Human Gut Microbiota Reduces Family Abundance and Elevates Propionate in a Bioreactor Model. <i>Frontiers in Microbiology</i> , 2021 , 12, 751225	5.7	1
57	PSIX-16 Growth performance and blood immune parameters of nursery pigs fed canola meal-based diets. <i>Journal of Animal Science</i> , 2020 , 98, 181-182	0.7	0
56	Population Genomic Analysis of Elucidates Geographical Variations and Genes associated with Host-Types. <i>Microorganisms</i> , 2020 , 8,	4.9	5
55	Integration of culture-dependent and independent methods provides a more coherent picture of the pig gut microbiome. <i>FEMS Microbiology Ecology</i> , 2020 , 96,	4.3	9
54	Defining the Environmental Adaptations of Genus Devosia: Insights into its Expansive Short Peptide Transport System and Positively Selected Genes. <i>Scientific Reports</i> , 2020 , 10, 1151	4.9	19
53	Identification of Clostridioides difficile-Inhibiting Gut Commensals Using Culturomics, Phenotyping, and Combinatorial Community Assembly. <i>MSystems</i> , 2020 , 5,	7.6	26
52	Taxono-genomics description of SW165 sp. nov., a new anaerobic bacterium isolated from cecum of feral chicken. <i>F1000Research</i> , 2020 , 9, 1103	3.6	1
51	Population structure of serotype Mbandaka reveals similar virulence potential irrespective of source and phylogenomic stratification. <i>F1000Research</i> , 2020 , 9, 1142	3.6	1

50	Description of a new member of the family : gen. nov., sp. nov., isolated from healthy human feces. <i>PeerJ</i> , 2020 , 8, e10071	3.1	2
49	sp. nov., description and genome sequence of a new member of the genus isolated from the cecum of feral chicken. <i>New Microbes and New Infections</i> , 2020 , 33, 100626	4.1	1
48	Small Molecule Adjuvants Potentiate Colistin Activity and Attenuate Resistance Development in by Affecting AB System. <i>Infection and Drug Resistance</i> , 2020 , 13, 2205-2222	4.2	8
47	Canola meal in nursery pig diets: growth performance and gut health. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	3
46	Antibiotic-Resistant and Sequence Type 131 in Fecal Colonization in Dogs in Taiwan. <i>Microorganisms</i> , 2020 , 8,	4.9	6
45	Recent Advancements in the Development of Modern Probiotics for Restoring Human Gut Microbiome Dysbiosis. <i>Indian Journal of Microbiology</i> , 2020 , 60, 12-25	3.7	33
44	Geography Shapes the Population Genomics of Salmonella enterica Dublin. <i>Genome Biology and Evolution</i> , 2019 , 11, 2220-2231	3.9	9
43	Enhancing the one health initiative by using whole genome sequencing to monitor antimicrobial resistance of animal pathogens: Vet-LIRN collaborative project with veterinary diagnostic laboratories in United States and Canada. <i>BMC Veterinary Research</i> , 2019 , 15, 130	2.7	10
42	Antimicrobial-Resistant from Environmental Waters in Northern Colorado. <i>Journal of Environmental and Public Health</i> , 2019 , 2019, 3862949	2.6	30
41	Gut Microbial Dynamics during Conventionalization of Germfree Chicken. <i>MSphere</i> , 2019 , 4,	5	14
40	The Flavonoid Metabolite 2,4,6-Trihydroxybenzoic Acid Is a CDK Inhibitor and an Anti-Proliferative Agent: A Potential Role in Cancer Prevention. <i>Cancers</i> , 2019 , 11,	6.6	28
39	Diagnostic Tests, Test Performance, and Considerations for Interpretation 2019 , 75-97		2
38	Effects of health-related claims on millennials willingness to pay for probiotics in the U.S.: Implications for regulation. <i>Journal of Functional Foods</i> , 2019 , 60, 103434	5.1	6
37	Amish (Rural) vs. non-Amish (Urban) Infant Fecal Microbiotas Are Highly Diverse and Their Transplantation Lead to Differences in Mucosal Immune Maturation in a Humanized Germfree Piglet Model. <i>Frontiers in Immunology</i> , 2019 , 10, 1509	8.4	17
36	Association of Flavonifractor plautii, a Flavonoid-Degrading Bacterium, with the Gut Microbiome of Colorectal Cancer Patients in India. <i>MSystems</i> , 2019 , 4,	7.6	36
35	Awareness and use of probiotics among the millennials in the United States: Drivers and implications. <i>Functional Foods in Health and Disease</i> , 2018 , 8, 495	2.5	3
34	Genotypic and Phenotypic Characterization of Salmonella Isolated from Fresh Ground Meats Obtained from Retail Grocery Stores in the Brookings, South Dakota, Area. <i>Journal of Food Protection</i> , 2018 , 81, 1526-1534	2.5	5
33	National survey of prevalence in lymph nodes of sows and market hogs. <i>Translational Animal Science</i> , 2018 , 2, 365-371	1.4	5

32	Genome divergence and increased virulence of outbreak associated subspecies. <i>Gut Pathogens</i> , 2018 , 10, 53	5.4	16
31	Comparative Genomic Studies of Heidelberg Isolated From Chicken- and Turkey-Associated Farm Environmental Samples. <i>Frontiers in Microbiology</i> , 2018 , 9, 1841	5.7	14
30	Genetic Relatedness Among Shiga Toxin-Producing Escherichia coli Isolated Along the Animal Food Supply Chain and in Gastroenteritis Cases in Qatar Using Multilocus Sequence Typing. <i>Foodborne Pathogens and Disease</i> , 2017 , 14, 318-325	3.8	2
29	Metagenomic characterization of the effect of feed additives on the gut microbiome and antibiotic resistome of feedlot cattle. <i>Scientific Reports</i> , 2017 , 7, 12257	4.9	69
28	Whole genome sequencing-based detection of antimicrobial resistance and virulence in non-typhoidal isolated from wildlife. <i>Gut Pathogens</i> , 2017 , 9, 66	5.4	30
27	A Novel Fluorometric Bio-Sensing-Based Arsenic Detection System for Groundwater. <i>IEEE Sensors Journal</i> , 2017 , 17, 5391-5398	4	7
26	Distribution and factors associated with Salmonella enterica genotypes in a diverse population of humans and animals in Qatar using multi-locus sequence typing (MLST). <i>Journal of Infection and Public Health</i> , 2016 , 9, 315-23	7.4	10
25	Genome Sequences of Salmonella enterica subsp. enterica Serovar Lubbock Strains Isolated from Liver Abscesses of Feedlot Cattle. <i>Genome Announcements</i> , 2016 , 4,		2
24	Draft Genome Sequences of Three Flavobacterium psychrophilum Strains Isolated from Coldwater Disease Outbreaks at Three Production Hatcheries. <i>Genome Announcements</i> , 2016 , 4,		7
23	Draft Genome Sequences of 37 Salmonella enterica Strains Isolated from Poultry Sources in Nigeria. <i>Genome Announcements</i> , 2016 , 4,		4
22	Comparative genomic and phenomic analysis of Clostridium difficile and Clostridium sordellii, two related pathogens with differing host tissue preference. <i>BMC Genomics</i> , 2015 , 16, 448	4.5	15
21	Complete Genome Sequence of a Highly Pathogenic Avian Influenza Virus (H5N2) Associated with an Outbreak in Commercial Chickens, Iowa, USA, 2015. <i>Genome Announcements</i> , 2015 , 3,		5
20	Comparative nutritional and chemical phenome of Clostridium difficile isolates determined using phenotype microarrays. <i>International Journal of Infectious Diseases</i> , 2014 , 27, 20-5	10.5	18
19	Proteomic comparison of historic and recently emerged hypervirulent Clostridium difficile strains. <i>Journal of Proteome Research</i> , 2013 , 12, 1151-61	5.6	32
18	Differential stress transcriptome landscape of historic and recently emerged hypervirulent strains of Clostridium difficile strains determined using RNA-seq. <i>PLoS ONE</i> , 2013 , 8, e78489	3.7	18
17	Immunogenicity and protective efficacy of the Mycobacterium avium subsp. paratuberculosis attenuated mutants against challenge in a mouse model. <i>Vaccine</i> , 2012 , 30, 3015-25	4.1	15
16	Phenotypic and transcriptomic response of auxotrophic Mycobacterium avium subsp. paratuberculosis leuD mutant under environmental stress. <i>PLoS ONE</i> , 2012 , 7, e37884	3.7	13
15	Temporal differential proteomes of Clostridium difficile in the pig ileal-ligated loop model. <i>PLoS ONE</i> , 2012 , 7, e45608	3.7	12

14	Identification of Escherichia coli genes associated with urinary tract infections. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 449-56	9.7	34
13	Clostridium difficile transcriptome analysis using pig ligated loop model reveals modulation of pathways not modulated in vitro. <i>Journal of Infectious Diseases</i> , 2011 , 203, 1613-20	7	30
12	Transcriptional profiling of Clostridium difficile and Caco-2 cells during infection. <i>Journal of Infectious Diseases</i> , 2010 , 202, 282-90	7	37
11	Comparison of phenotypic and genotypic antimicrobial profiles in Escherichia coli and Salmonella enterica from the same dairy cattle farms. <i>Molecular and Cellular Probes</i> , 2010 , 24, 325-45	3.3	10
10	Development of a microarray for identification of pathogenic Clostridium spp. <i>Diagnostic Microbiology and Infectious Disease</i> , 2010 , 66, 140-7	2.9	5
9	Analysis of Escherichia coli O157 clinical isolates by multilocus sequence typing. <i>BMC Research Notes</i> , 2010 , 3, 343	2.3	4
8	Analysis of ultra low genome conservation in Clostridium difficile. <i>PLoS ONE</i> , 2010 , 5, e15147	3.7	49
7	Microarray identification of Clostridium difficile core components and divergent regions associated with host origin. <i>Journal of Bacteriology</i> , 2009 , 191, 3881-91	3.5	60
6	Microarray for molecular typing of Salmonella enterica serovars. <i>Molecular and Cellular Probes</i> , 2008 , 22, 238-43	3.3	45
5	Microbial Diagnostic Array Workstation (MDAW): a web server for diagnostic array data storage, sharing and analysis. <i>Source Code for Biology and Medicine</i> , 2008 , 3, 14	1.9	2
4	Antibiotic Resistance Genes Online (ARGO): a Database on vancomycin and beta-lactam resistance genes. <i>Bioinformatics</i> , 2005 , 1, 5-7	1.1	43
3	Taxono-genomics description of Olsenella lakotia SW165T sp. nov., a new anaerobic bacterium isolated from the cecum of feral chicken. <i>F1000Research</i> , 9 , 1103	3.6	
2	Olsenella lakotia SW165 sp. nov., an acetate producing obligate anaerobe with a GC rich genome		1
1	Rice Bran and Quercetin Produce a Positive Synergistic Effect on Human Gut Microbiota, Elevate the Level of Propionate, and Reduce the Population of Enterobacteriaceae family when Determined using a Bioreactor Model		3