

Sean Conlan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/884422/publications.pdf>

Version: 2024-02-01

56
papers

26,149
citations

108046

37
h-index

169272

56
g-index

59
all docs

59
docs citations

59
times ranked

33984
citing authors

#	ARTICLE	IF	CITATIONS
1	A mouse model of occult intestinal colonization demonstrating antibiotic-induced outgrowth of carbapenem-resistant Enterobacteriaceae. <i>Microbiome</i> , 2022, 10, 43.	4.9	8
2	Long-term antibiotic exposure promotes mortality after systemic fungal infection by driving lymphocyte dysfunction and systemic escape of commensal bacteria. <i>Cell Host and Microbe</i> , 2022, 30, 1020-1033.e6.	5.1	37
3	Integrated genomic, epidemiologic investigation of <i>Candida auris</i> skin colonization in a skilled nursing facility. <i>Nature Medicine</i> , 2021, 27, 1401-1409.	15.2	73
4	Skin Metagenomic Sequence Analysis of Early <i>Candida auris</i> Outbreaks in U.S. Nursing Homes. <i>MSphere</i> , 2021, 6, e0028721.	1.3	20
5	Preventing dysbiosis of the neonatal mouse intestinal microbiome protects against late-onset sepsis. <i>Nature Medicine</i> , 2019, 25, 1772-1782.	15.2	91
6	Plasmid Dissemination and Selection of a Multidrug-Resistant <i>Klebsiella pneumoniae</i> Strain during Transplant-Associated Antibiotic Therapy. <i>MBio</i> , 2019, 10, .	1.8	14
7	Genomic Analysis of Hospital Plumbing Reveals Diverse Reservoir of Bacterial Plasmids Conferring Carbapenem Resistance. <i>MBio</i> , 2018, 9, .	1.8	155
8	Expanded skin virome in DOCK8-deficient patients. <i>Nature Medicine</i> , 2018, 24, 1815-1821.	15.2	104
9	Investigation of a Cluster of <i>Sphingomonas koreensis</i> Infections. <i>New England Journal of Medicine</i> , 2018, 379, 2529-2539.	13.9	42
10	Interaction between the microbiome and TP53 in human lung cancer. <i>Genome Biology</i> , 2018, 19, 123.	3.8	247
11	<i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i> strain diversity underlying pediatric atopic dermatitis. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	406
12	Whole-Genome Sequencing Overrules a Suspected Case of Carbapenem-Resistant <i>Enterobacter cloacae</i> Transmission. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2868-2870.	1.8	5
13	Abstract 4925: Microbiome-TP53 gene interaction in human lung cancer. , 2017, , .		0
14	Diverse Human Skin Fungal Communities in Children Converge in Adulthood. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2356-2363.	0.3	107
15	Complete Genome Sequence of a <i>Klebsiella pneumoniae</i> Strain Carrying <i>bla</i> _{NDM-1} on a Multidrug Resistance Plasmid. <i>Genome Announcements</i> , 2016, 4, .	0.8	9
16	Horizontal Transfer of Carbapenemase-Encoding Plasmids and Comparison with Hospital Epidemiology Data. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4910-4919.	1.4	85
17	Resolving the Complexity of Human Skin Metagenomes Using Single-Molecule Sequencing. <i>MBio</i> , 2016, 7, e01948-15.	1.8	78
18	Detection and Whole-Genome Sequencing of Carbapenemase-Producing <i>Aeromonas hydrophila</i> Isolates from Routine Perirectal Surveillance Culture. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1167-1170.	1.8	30

#	ARTICLE	IF	CITATIONS
19	Draft Genome Sequence of a <i>Klebsiella pneumoniae</i> Carbapenemase-Positive Sequence Type 111 <i>Pseudomonas aeruginosa</i> Strain. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
20	Plasmid Dynamics in KPC-Positive <i>Klebsiella pneumoniae</i> during Long-Term Patient Colonization. <i>MBio</i> , 2016, 7, .	1.8	126
21	Commensal dendritic-cell interaction specifies a unique protective skin immune signature. <i>Nature</i> , 2015, 520, 104-108.	13.7	610
22	Complete Genome Sequence of a <i>Klebsiella pneumoniae</i> Isolate with Chromosomally Encoded Carbapenem Resistance and Colibactin Synthesis Loci. <i>Genome Announcements</i> , 2014, 2, .	0.8	9
23	Single-molecule sequencing to track plasmid diversity of hospital-associated carbapenemase-producing Enterobacteriaceae. <i>Science Translational Medicine</i> , 2014, 6, 254ra126.	5.8	307
24	Surveillance of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> : Tracking Molecular Epidemiology and Outcomes through a Regional Network. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4035-4041.	1.4	132
25	Biogeography and individuality shape function in the human skin metagenome. <i>Nature</i> , 2014, 514, 59-64.	13.7	869
26	Topographic diversity of fungal and bacterial communities in human skin. <i>Nature</i> , 2013, 498, 367-370.	13.7	950
27	SPOCS: software for predicting and visualizing orthology/paralogy relationships among genomes. <i>Bioinformatics</i> , 2013, 29, 2641-2642.	1.8	14
28	Adaptability and Persistence of the Emerging Pathogen <i>Bordetella pertussis</i> . <i>PLoS ONE</i> , 2013, 8, e65102.	1.1	17
29	<i>Staphylococcus epidermidis</i> pan-genome sequence analysis reveals diversity of skin commensal and hospital infection-associated isolates. <i>Genome Biology</i> , 2012, 13, R64.	13.9	206
30	Structure, function and diversity of the healthy human microbiome. <i>Nature</i> , 2012, 486, 207-214.	13.7	9,614
31	A framework for human microbiome research. <i>Nature</i> , 2012, 486, 215-221.	13.7	2,249
32	Temporal shifts in the skin microbiome associated with disease flares and treatment in children with atopic dermatitis. <i>Genome Research</i> , 2012, 22, 850-859.	2.4	1,401
33	Species-Level Analysis of DNA Sequence Data from the NIH Human Microbiome Project. <i>PLoS ONE</i> , 2012, 7, e47075.	1.1	151
34	Shifts in human skin and nares microbiota of healthy children and adults. <i>Genome Medicine</i> , 2012, 4, 77.	3.6	304
35	Compartmentalized Control of Skin Immunity by Resident Commensals. <i>Science</i> , 2012, 337, 1115-1119.	6.0	895
36	Nonparametric methods for the analysis of single-color pathogen microarrays. <i>BMC Bioinformatics</i> , 2010, 11, 354.	1.2	6

#	ARTICLE	IF	CITATIONS
37	A milieu of regulatory elements in the epidermal differentiation complex syntenic block: implications for atopic dermatitis and psoriasis. <i>Human Molecular Genetics</i> , 2010, 19, 1453-1460.	1.4	92
38	Identification of GBV-D, a Novel GB-like Flavivirus from Old World Frugivorous Bats (<i>Pteropus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	2.1	69
39	Moussa virus: A new member of the Rhabdoviridae family isolated from <i>Culex decens</i> mosquitoes in CÔte d'Ivoire. <i>Virus Research</i> , 2010, 147, 17-24.	1.1	55
40	Cohort Study of Molecular Identification and Typing of <i>Mycobacterium abscessus</i> , <i>Mycobacterium massiliense</i> , and <i>Mycobacterium bolletii</i> . <i>Journal of Clinical Microbiology</i> , 2009, 47, 1985-1995.	1.8	210
41	Topographical and Temporal Diversity of the Human Skin Microbiome. <i>Science</i> , 2009, 324, 1190-1192.	6.0	2,280
42	A New Arenavirus in a Cluster of Fatal Transplant-Associated Diseases. <i>New England Journal of Medicine</i> , 2008, 358, 991-998.	13.9	650
43	Newly Discovered Ebola Virus Associated with Hemorrhagic Fever Outbreak in Uganda. <i>PLoS Pathogens</i> , 2008, 4, e1000212.	2.1	455
44	Comprehensive viral oligonucleotide probe design using conserved protein regions. <i>Nucleic Acids Research</i> , 2008, 36, e3-e3.	6.5	21
45	Detection of Respiratory Viruses and Subtype Identification of Influenza A Viruses by GreeneChipResp Oligonucleotide Microarray. <i>Journal of Clinical Microbiology</i> , 2007, 45, 2359-2364.	1.8	97
46	A phylogenetic Gibbs sampler that yields centroid solutions for cis-regulatory site prediction. <i>Bioinformatics</i> , 2007, 23, 1718-1727.	1.8	30
47	The Gibbs Centroid Sampler. <i>Nucleic Acids Research</i> , 2007, 35, W232-W237.	6.5	52
48	Using the Gibbs Motif Sampler for Phylogenetic Footprinting. <i>Methods in Molecular Biology</i> , 2007, 395, 403-423.	0.4	8
49	A Metagenomic Survey of Microbes in Honey Bee Colony Collapse Disorder. <i>Science</i> , 2007, 318, 283-287.	6.0	1,481
50	Panmicrobial Oligonucleotide Array for Diagnosis of Infectious Diseases. <i>Emerging Infectious Diseases</i> , 2007, 13, 73-81.	2.0	298
51	Software to perform automated comparisons of pair-wise percent identities for microbial species. <i>BioTechniques</i> , 2006, 40, 578-582.	0.8	0
52	<i>Rhodopseudomonas palustris</i> Regulons Detected by Cross-Species Analysis of Alphaproteobacterial Genomes. <i>Applied and Environmental Microbiology</i> , 2005, 71, 7442-7452.	1.4	17
53	Folding of a Monomeric Porin, OmpG, in Detergent Solution. <i>Biochemistry</i> , 2003, 42, 9453-9465.	1.2	76
54	Biochemical and Biophysical Characterization of OmpG: A Monomeric Porin. <i>Biochemistry</i> , 2000, 39, 11845-11854.	1.2	101

#	ARTICLE	IF	CITATIONS
55	Stochastic sensing of organic analytes by a pore-forming protein containing a molecular adapter. Nature, 1999, 398, 686-690.	13.7	679
56	A functional protein pore with a "retro" transmembrane domain. Protein Science, 1999, 8, 1257-1267.	3.1	92