Blake M Hanson

List of Publications by Year
in descending order

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57	3,774	236925 25	175258 52
papers	citations	h-index	g-index

62	62	62	5805
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of 16S rRNA gene sequencing for species and strain-level microbiome analysis. Nature Communications, 2019, 10, 5029.	12.8	1,007
2	Longitudinal multi-omics of hostâ€“microbe dynamics in prediabetes. Nature, 2019, 569, 663-671.	27.8	391
3	Community characteristics of the gut microbiomes of competitive cyclists. Microbiome, 2017, 5, 98.	11.1	219
4	Integrative Personal Omics Profiles during Periods of Weight Gain and Loss. Cell Systems, 2018, 6, 157-170.e8.	6.2	183
5	Molecular and clinical epidemiology of carbapenem-resistant Enterobacterales in the USA (CRACKLE-2): a prospective cohort study. Lancet Infectious Diseases, The, 2020, 20, 731-741.	9.1	174
6	Isolation and Characterization of Methicillin-Resistant Staphylococcus aureus from Pork Farms and Visiting Veterinary Students. PLoS ONE, 2013, 8, e53738.	2.5	143
7	MRSA in Conventional and Alternative Retail Pork Products. PLoS ONE, 2012, 7, e30092.	2.5	133
8	Clinical outcomes and bacterial characteristics of carbapenem-resistant Klebsiella pneumoniae complex among patients from different global regions (CRACKLE-2): a prospective, multicentre, cohort study. Lancet Infectious Diseases, The, 2022, 22, 401-412.	9.1	122
9	Resistance to Ceftazidime-Avibactam Is Due to Transposition of KPC in a Porin-Deficient Strain of Klebsiella pneumoniae with Increased Efflux Activity. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	121
10	Phylogenomic Classification and the Evolution of Clonal Complex 5 Methicillin-Resistant Staphylococcus aureus in the Western Hemisphere. Frontiers in Microbiology, 2018, 9, 1901.	3.5	84
11	Insights into the Microbiome of Breast Implants and Periprosthetic Tissue in Breast Implant-Associated Anaplastic Large Cell Lymphoma. Scientific Reports, 2019, 9, 10393.	3.3	76
12	Characterization of the bacterial and fungal microbiome in indoor dust and outdoor air samples: a pilot study. Environmental Sciences: Processes and Impacts, 2016, 18, 713-724.	3.5	74
13	An Analysis of the Epidemic of Klebsiella pneumoniae Carbapenemase-Producing K. pneumoniae: Convergence of Two Evolutionary Mechanisms Creates the â€œPerfect Stormâ€• Journal of Infectious Diseases, 2018, 217, 82-92.	4.0	70
14	Tools for Analysis of the Microbiome. Digestive Diseases and Sciences, 2020, 65, 674-685.	2.3	70
15	Swine Farming Is a Risk Factor for Infection With and High Prevalence of Carriage of Multidrug-Resistant Staphylococcus aureus. Clinical Infectious Diseases, 2015, 61, 59-66.	5.8	68
16	Prevalence and molecular characterization of Staphylococcus aureus in commercially available meat over a one-year period in Iowa, USA. Food Microbiology, 2017, 65, 122-129.	4.2	57
17	Methicillin-SusceptibleStaphylococcus aureusST398, New York and New Jersey, USA. Emerging Infectious Diseases, 2012, 18, 700-702.	4.3	55
18	Extensive Gene Amplification as a Mechanism for Piperacillin-Tazobactam Resistance in Escherichia coli. MBio, 2018, 9, .	4.1	54

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19	Rapid replacement by non-vaccine pneumococcal serotypes may mitigate the impact of the pneumococcal conjugate vaccine on nasopharyngeal bacterial ecology. Scientific Reports, 2017, 7, 8127.	3.3	49
20	Long-Term Compassionate Use of Cefiderocol To Treat Chronic Osteomyelitis Caused by Extensively Drug-Resistant Pseudomonas aeruginosa and Extended-Spectrum-Î²-Lactamase-Producing Klebsiella pneumoniae in a Pediatric Patient. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	44
21	Candida aurisInvasive Infections during a COVID-19 Case Surge. Antimicrobial Agents and Chemotherapy, 2021, 65, e0114621.	3.2	42
22	Emerging Swine Zoonoses. Vector-Borne and Zoonotic Diseases, 2011, 11, 1225-1234.	1.5	41
23	Extensively Drug-Resistant Pseudomonas aeruginosa ST309 Harboring Tandem Guiana Extended Spectrum Î²-Lactamase Enzymes: A Newly Emerging Threat in the United States. Open Forum Infectious Diseases, 2019, 6, ofz273.	0.9	36
24	The importance of the microbiome in epidemiologic research. Annals of Epidemiology, 2016, 26, 301-305.	1.9	35
25	IS26-mediated amplification of blaOXA-1 and blaCTX-M-15 with concurrent outer membrane porin disruption associated with de novo carbapenem resistance in a recurrent bacteraemia cohort. Journal of Antimicrobial Chemotherapy, 2021, 76, 385-395.	3.0	29
26	Detection of Airborne Methicillin-ResistantStaphylococcus aureusInside and Downwind of a Swine Building, and in Animal Feed: Potential Occupational, Animal Health, and Environmental Implications. Journal of Agromedicine, 2016, 21, 149-153.	1.5	28
27	Dynamics of bla _{KPC-2} Dissemination from Non-CG258 Klebsiella pneumoniae to Other Enterobacterales via IncN Plasmids in an Area of High Endemicity. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	27
28	Comparison of methodological approaches to human gut microbiota changes in response to metabolic and bariatric surgery: A systematic review. Obesity Reviews, 2020, 21, e13025.	6.5	26
29	Simultaneous Infection with Enterobacteriaceae and Pseudomonas aeruginosa Harboring Multiple Carbapenemases in a Returning Traveler Colonized with Candida auris. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	23
30	Emergence of Clinical Clostridioides difficile Isolates With Decreased Susceptibility to Vancomycin. Clinical Infectious Diseases, 2022, 74, 120-126.	5.8	23
31	Detection of livestock-associated methicillin-resistant Staphylococcus aureus among swine workers in Romania. Journal of Infection and Public Health, 2014, 7, 323-332.	4.1	19
32	Unexpected relationships between frequency of antimicrobial resistance, disease phenotype and emm type in group A Streptococcus. Microbial Genomics, 2019, 5, .	2.0	18
33	Contemporary Clinical and Molecular Epidemiology of Vancomycin-Resistant Enterococcal Bacteremia: A Prospective Multicenter Cohort Study (VENOUS I). Open Forum Infectious Diseases, 2022, 9, ofab616.	0.9	18
34	Methicillin-Resistant Staphylococcus aureus in Pork Production Shower Facilities. Applied and Environmental Microbiology, 2011, 77, 696-698.	3.1	17
35	Molecular and epidemiologic predictors of Staphylococcus aureus colonization site in a population with limited nosocomial exposure. American Journal of Infection Control, 2012, 40, 992-996.	2.3	17
36	A Novel Methicillin-ResistantStaphylococcus aureust11469 and a Poultry Endemic Strain t002 (ST5) Are Present in Chicken in Ebonyi State, Nigeria. BioMed Research International, 2017, 2017, 1-5.	1.9	17

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37	Efficacy, Safety, Pharmacokinetics, and Microbiome Changes of Ibezapolstat in Adults with Clostridioides difficile Infection: A Phase 2a Multicenter Clinical Trial. Clinical Infectious Diseases, 2022, 75, 1164-1170.	5.8	17
38	Accessory Genomes Drive Independent Spread of Carbapenem-Resistant Klebsiella pneumoniae Clonal Groups 258 and 307 in Houston, TX. MBio, 2022, 13, e0049722.	4.1	17
39	Molecular characteristics of Staphylococcus aureus isolated from employees, children, and environmental surfaces in Iowa child daycare facilities. American Journal of Infection Control, 2015, 43, 482-488.	2.3	14
40	Assessing the potential for raw meat to influence human colonization with Staphylococcus aureus. Scientific Reports, 2017, 7, 10848.	3.3	14
41	Characterization of the Type I Restriction Modification System Broadly Conserved among Group A Streptococci. MSphere, 2021, 6, e0079921.	2.9	14
42	Analysis of Sinonasal Microbiota in Exacerbations of Chronic Rhinosinusitis Subgroups. OTO Open, 2019, 3, 2473974X1987510.	1.4	10
43	Design Lessons for Older Adult Personal Health Records Software from Older Adults. Lecture Notes in Computer Science, 2011, , 176-185.	1.3	10
44	Antimicrobial resistance and molecular epidemiology ofStaphylococcus aureusfrom Ulaanbaatar, Mongolia. PeerJ, 2013, 1, e176.	2.0	7
45	Impact of Bicarbonate-Î²-Lactam Exposures on Methicillin-Resistant Staphylococcus aureus (MRSA) Gene Expression in Bicarbonate-Î²-Lactam-Responsive vs. Non-Responsive Strains. Genes, 2021, 12, 1650.	2.4	7
46	Prevalence and Characterization of the Cefazolin Inoculum Effect in North American Methicillin-Susceptible Staphylococcus aureus Isolates. Journal of Clinical Microbiology, 2022, 60, e0249521.	3.9	7
47	New statistical method identifies cytokines that distinguish stool microbiomes. Scientific Reports, 2019, 9, 20082.	3.3	5
48	Development and Characterization of High-Throughput Caenorhabditis elegans â€“ Enterococcus faecium Infection Model. Frontiers in Cellular and Infection Microbiology, 2021, 11, 667327.	3.9	5
49	Commentary on: Optimizing Breast Pocket Irrigation: The Breast Implantâ€“Associated Anaplastic Large Cell Lymphoma (BIA-ALCL) Era. Aesthetic Surgery Journal, 2020, 40, 626-629.	1.6	4
50	Selective digestive decontamination with oral colistin plus gentamicin for persistent bacteraemia caused by non-carbapenemase-producing carbapenem-resistant Klebsiella pneumoniae in a neutropenic patient. JAC-Antimicrobial Resistance, 2021, 3, dlab079.	2.1	2
51	Genomic analysis of carbapenem-resistant Pseudomonas aeruginosa ST143 clone showing susceptibility to broad-spectrum cephalosporins. Journal of Global Antimicrobial Resistance, 2021, 26, 177-179.	2.2	1
52	Zoonotic Diseases of Swine: Food-borne and Occupational Aspects of Infection. , 2015, , 23-68.		0
53	622. The Accessory Genome in Enterococcal Bacteremia: Results from the Vancomycin-Resistant Enterococcal Bacteremia Outcomes Study (VENOUS). Open Forum Infectious Diseases, 2019, 6, S289-S289.	0.9	0
54	626. Mobile Genetic Element Dynamics of Co-Circulating Klebsiella pneumoniae Sequence Types Carrying blaKPC in Houston, Texas. Open Forum Infectious Diseases, 2019, 6, S290-S291.	0.9	0

#	Article	IF	Citations
55	Abstract 2252: Microbial profiling of the head and neck tumor microenvironment as a biomarker of clinical response to chemoradiation. , 2017, , .		0
56	Unraveling complex transposable elements surrounding blaGES-16 in a Pseudomonas aeruginosa ExoU strain. Journal of Global Antimicrobial Resistance, 2022, , .	2.2	0
57	Reply to Lutgring et al. Clinical Infectious Diseases, 0, , .	5.8	0