

Alex J Mccarthy

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,926
citations

346980

22
h-index

388640

36
g-index

40
all docs

40
docs citations

40
times ranked

2819
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Escherichia coli K1 Virulence Genes by Transposon-Directed Sequencing. <i>Methods in Molecular Biology</i> , 2022, 2377, 199-213.	0.4	1
2	Group B Streptococcus Surface Protein Î²: Structural Characterization of a Complement Factor Hâ€“Binding Motif and Its Contribution to Immune Evasion. <i>Journal of Immunology</i> , 2022, , jii2101078.	0.4	0
3	Bacterial protein domains with a novel Igâ€“like fold target human CEACAM receptors. <i>EMBO Journal</i> , 2021, 40, e106103.	3.5	16
4	Chemical Emissions from Cured and Uncured 3D-Printed Ventilator Patient Circuit Medical Parts. <i>ACS Omega</i> , 2021, 6, 30726-30733.	1.6	11
5	Increase in COVID-19 inpatient survival following detection of Thromboembolic and Cytokine storm risk from the point of admission to hospital by a near real time Traffic-light System (TraCe-Tic). <i>Brazilian Journal of Infectious Diseases</i> , 2020, 24, 412-421.	0.3	11
6	Genes on the Move: In Vitro Transduction of Antimicrobial Resistance Genes between Human and Canine Staphylococcal Pathogens. <i>Microorganisms</i> , 2020, 8, 2031.	1.6	19
7	Leukocyte Immunoglobulin-Like Receptors (LILRs) on Human Neutrophils: Modulators of Infection and Immunity. <i>Frontiers in Immunology</i> , 2020, 11, 857.	2.2	36
8	The Orphan Immune Receptor LILRB3 Modulates Fc Receptorâ€“Mediated Functions of Neutrophils. <i>Journal of Immunology</i> , 2020, 204, 954-966.	0.4	21
9	Loss of Trefoil Factor 2 Sensitizes Rat Pups to Systemic Infection with the Neonatal Pathogen <i>Escherichia coli</i> K1. <i>Infection and Immunity</i> , 2019, 87, .	1.0	6
10	Genome-Wide Identification by Transposon Insertion Sequencing of Escherichia coli K1 Genes Essential for <i>In Vitro</i> Growth, Gastrointestinal Colonizing Capacity, and Survival in Serum. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	32
11	Molecular basis determining species specificity for TLR2 inhibition by staphylococcal superantigen-like protein 3 (SSL3). <i>Veterinary Research</i> , 2018, 49, 115.	1.1	5
12	Postnatal development of the small intestinal mucosa drives age-dependent, regio-selective susceptibility to Escherichia coli K1 infection. <i>Scientific Reports</i> , 2017, 7, 83.	1.6	24
13	Immune evasion by a staphylococcal inhibitor of myeloperoxidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9439-9444.	3.3	76
14	Pathoadaptive Mutations of Escherichia coli K1 in Experimental Neonatal Systemic Infection. <i>PLoS ONE</i> , 2016, 11, e0166793.	1.1	8
15	The Bacterial Stress-Responsive Hsp90 Chaperone (HtpG) Is Required for the Production of the Genotoxin Colibactin and the Siderophore Yersiniabactin in <i>Escherichia coli</i> . <i>Journal of Infectious Diseases</i> , 2016, 214, 916-924.	1.9	51
16	Genomic insights into the rapid emergence and evolution of MDR in <i>Staphylococcus pseudintermedius</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 997-1007.	1.3	77
17	The Genotoxin Colibactin Is a Determinant of Virulence in Escherichia coli K1 Experimental Neonatal Systemic Infection. <i>Infection and Immunity</i> , 2015, 83, 3704-3711.	1.0	69
18	Bioluminescent Imaging Reveals Novel Patterns of Colonization and Invasion in Systemic Escherichia coli K1 Experimental Infection in the Neonatal Rat. <i>Infection and Immunity</i> , 2015, 83, 4528-4540.	1.0	31

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19	Extensive Horizontal Gene Transfer during <i>Staphylococcus aureus</i> Co-colonization In Vivo. <i>Genome Biology and Evolution</i> , 2014, 6, 2697-2708.	1.1	119
20	Fructose transport-deficient <i>Staphylococcus aureus</i> reveals important role of epithelial glucose transporters in limiting sugar-driven bacterial growth in airway surface liquid. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4665-4673.	2.4	33
21	Non-Invasive Model of Neuropathogenic <i>Escherichia coli</i> Infection in the Neonatal Rat. <i>Journal of Visualized Experiments</i> , 2014, , e52018.	0.2	17
22	Whole-genome comparison of methicillin-resistant <i>Staphylococcus aureus</i> CC22 SCC <i>mec</i> IV from people and their in-contact pets. <i>Veterinary Dermatology</i> , 2013, 24, 538.	0.4	27
23	<i>Staphylococcus aureus</i> innate immune evasion is lineage-specific: A bioinformatics study. <i>Infection, Genetics and Evolution</i> , 2013, 19, 7-14.	1.0	95
24	Shuffling of mobile genetic elements (MGEs) in successful healthcare-associated MRSA (HA-MRSA). <i>Mobile Genetic Elements</i> , 2012, 2, 239-243.	1.8	22
25	Detection of Mobile-Genetic-Element Variation between Colonizing and Infecting Hospital-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1073-1075.	1.8	43
26	Identification of a Highly Transmissible Animal-Independent <i>Staphylococcus aureus</i> ST398 Clone with Distinct Genomic and Cell Adhesion Properties. <i>MBio</i> , 2012, 3, .	1.8	180
27	<i>Staphylococcus aureus</i> CC398 Clade Associated with Human-to-Human Transmission. <i>Applied and Environmental Microbiology</i> , 2012, 78, 8845-8848.	1.4	75
28	The distribution of plasmids that carry virulence and resistance genes in <i>Staphylococcus aureus</i> is lineage associated. <i>BMC Microbiology</i> , 2012, 12, 104.	1.3	138
29	Comparative Host Specificity of Human- and Pig- Associated <i>Staphylococcus aureus</i> Clonal Lineages. <i>PLoS ONE</i> , 2012, 7, e49344.	1.1	17
30	<i>Staphylococcus aureus</i> Temperate Bacteriophage: Carriage and Horizontal Gene Transfer is Lineage Associated. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 6.	1.8	85
31	Are all methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) equal in all hosts? Epidemiological and genetic comparison between animal and human MRSA. <i>Veterinary Dermatology</i> , 2012, 23, 267.	0.4	58
32	Survival of <i>Staphylococcus aureus</i> ST398 in the Human Nose after Artificial Inoculation. <i>PLoS ONE</i> , 2012, 7, e48896.	1.1	23
33	Novel polymorphisms in ovine immune response genes and their association with abortion. <i>Animal Genetics</i> , 2011, 42, 535-543.	0.6	19
34	Variation in European harbour seal immune response genes and susceptibility to phocine distemper virus (PDV). <i>Infection, Genetics and Evolution</i> , 2011, 11, 1616-1623.	1.0	18
35	The Distribution of Mobile Genetic Elements (MGEs) in MRSA CC398 Is Associated with Both Host and Country. <i>Genome Biology and Evolution</i> , 2011, 3, 1164-1174.	1.1	82
36	Genetic variation in <i>Staphylococcus aureus</i> surface and immune evasion genes is lineage associated: implications for vaccine design and host-pathogen interactions. <i>BMC Microbiology</i> , 2010, 10, 173.	1.3	194

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37	Reassessing conflicting evolutionary histories of the Paramyxoviridae and the origins of respiroviruses with Bayesian multigene phylogenies. <i>Infection, Genetics and Evolution</i> , 2010, 10, 97-107.	1.0	28
38	Pathogen evolution and disease emergence in carnivores. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 3165-3174.	1.2	148