

Abiodun David Ogunniyi

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

3,041
citations

186265

28
h-index

175258

52
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all docs

71
docs citations

71
times ranked

3896
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of a Novel Anticoccidial Analogue on Systemic Staphylococcus aureus Infection in a Bioluminescent Mouse Model. <i>Antibiotics</i> , 2022, 11, 65.	3.7	2
2	Neutral electrolyzed oxidizing water is effective for pre-harvest decontamination of fresh produce. <i>Food Microbiology</i> , 2021, 93, 103610.	4.2	7
3	A pH-neutral electrolyzed oxidizing water significantly reduces microbial contamination of fresh spinach leaves. <i>Food Microbiology</i> , 2021, 93, 103614.	4.2	11
4	Semisynthesis and biological evaluation of a focused library of unguinol derivatives as next-generation antibiotics. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1022-1036.	2.8	11
5	Comparison of Two Transmission Electron Microscopy Methods to Visualize Drug-Induced Alterations of Gram-Negative Bacterial Morphology. <i>Antibiotics</i> , 2021, 10, 307.	3.7	10
6	In vitro synergistic activity of NCL195 in combination with colistin against Gram-negative bacterial pathogens. <i>International Journal of Antimicrobial Agents</i> , 2021, 57, 106323.	2.5	16
7	Evaluation of Benzguinols as Next-Generation Antibiotics for the Treatment of Multidrug-Resistant Bacterial Infections. <i>Antibiotics</i> , 2021, 10, 727.	3.7	1
8	Protective role of PhtD and its amino and carboxyl fragments against pneumococcal sepsis. <i>Vaccine</i> , 2021, 39, 3626-3632.	3.8	7
9	Repurposing of the Fasciolicide Triclabendazole to Treat Infections Caused by Staphylococcus spp. and Vancomycin-Resistant Enterococci. <i>Microorganisms</i> , 2021, 9, 1697.	3.6	6
10	Disinfection options for irrigation water: Reducing the risk of fresh produce contamination with human pathogens. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 2144-2174.	12.8	22
11	In vitro Activity of Robenidine Analog NCL195 in Combination With Outer Membrane Permeabilizers Against Gram-Negative Bacterial Pathogens and Impact on Systemic Gram-Positive Bacterial Infection in Mice. <i>Frontiers in Microbiology</i> , 2020, 11, 1556.	3.5	14
12	Antimicrobial Action and Reversal of Resistance in MRSA by Difluorobenzamide Derivatives Targeted at FtsZ. <i>Antibiotics</i> , 2020, 9, 873.	3.7	8
13	Effects of an Eco-Friendly Sanitizing Wash on Spinach Leaf Bacterial Community Structure and Diversity. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2986.	2.5	4
14	Discovery of 4,6-bis(2-((E)-benzylidene)hydrazinyl)pyrimidin-2-amine with Antibiotic Activity. <i>ChemistryOpen</i> , 2019, 8, 896-907.	1.9	6
15	Decontamination of aerosolised bacteria from a pig farm environment using a pH neutral electrochemically activated solution (Ecas4 anolyte). <i>PLoS ONE</i> , 2019, 14, e0222765.	2.5	7
16	In vitro Antimicrobial Activity of Robenidine, Ethylenediaminetetraacetic Acid and Polymyxin B Nonapeptide Against Important Human and Veterinary Pathogens. <i>Frontiers in Microbiology</i> , 2019, 10, 837.	3.5	21
17	Alliin prevents the formation of Proteus-induced urinary crystals and the blockage of catheter in a bladder model in vitro. <i>Microbial Pathogenesis</i> , 2019, 132, 293-301.	2.9	3
18	Comparative antibacterial activities of neutral electrolyzed oxidizing water and other chlorine-based sanitizers. <i>Scientific Reports</i> , 2019, 9, 19955.	3.3	19

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19	Genomic characterization of coagulase-negative staphylococci including methicillin-resistant <i>Staphylococcus sciuri</i> causing bovine mastitis. <i>Veterinary Microbiology</i> , 2018, 219, 17-22.	1.9	29
20	Gram-Positive and Gram-Negative Antibiotic Activity of Asymmetric and Monomeric Robenidine Analogues. <i>ChemMedChem</i> , 2018, 13, 2573-2580.	3.2	11
21	Repurposing Ionophores as novel antimicrobial agents for the treatment of bovine mastitis caused by Gram-positive pathogens. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 746-754.	1.3	25
22	Bioluminescent murine models of bacterial sepsis and scald wound infections for antimicrobial efficacy testing. <i>PLoS ONE</i> , 2018, 13, e0200195.	2.5	23
23	Evaluation of a series of 2-naphthamide derivatives as inhibitors of the drug efflux pump AcrB for the reversal of antimicrobial resistance. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 733-739.	2.2	37
24	Proteomic comparisons of opaque and transparent variants of <i>Streptococcus pneumoniae</i> by two dimensional-differential gel electrophoresis. <i>Scientific Reports</i> , 2017, 7, 2453.	3.3	3
25	The Pneumococcal Alpha-Glycerophosphate Oxidase Enhances Nasopharyngeal Colonization through Binding to Host Glycoconjugates. <i>EBioMedicine</i> , 2017, 18, 236-243.	6.1	5
26	Enhanced protective responses to a serotype-independent pneumococcal vaccine when combined with an inactivated influenza vaccine. <i>Clinical Science</i> , 2017, 131, 169-180.	4.3	20
27	Efficacy evaluation of a new water sanitizer for increasing the shelf life of Southern Australian King George Whiting and Tasmanian Atlantic Salmon fillets. <i>Food Microbiology</i> , 2017, 68, 51-60.	4.2	24
28	Evaluation of robenidine analog NCL195 as a novel broad-spectrum antibacterial agent. <i>PLoS ONE</i> , 2017, 12, e0183457.	2.5	40
29	Intranasal vaccination with γ -irradiated <i>Streptococcus pneumoniae</i> whole-cell vaccine provides serotype-independent protection mediated by B-cells and innate IL-17 responses. <i>Clinical Science</i> , 2016, 130, 697-710.	4.3	39
30	Robenidine Analogues as Gram-Positive Antibacterial Agents. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2126-2138.	6.4	29
31	Delayed reconstitution of B cell immunity to pneumococcus in HIV-infected Malawian children on antiretroviral therapy. <i>Journal of Infection</i> , 2015, 70, 616-623.	3.3	7
32	Vaccine Potential of Pneumococcal Proteins. , 2015, , 59-78.		3
33	<i>Streptococcus pneumoniae</i> triggers progression of pulmonary fibrosis through pneumolysin. <i>Thorax</i> , 2015, 70, 636-646.	5.6	71
34	CCR2 defines in vivo development and homing of IL-23-driven GM-CSF-producing Th17 cells. <i>Nature Communications</i> , 2015, 6, 8644.	12.8	117
35	Characterization of Pneumococcal Genes Involved in Bloodstream Invasion in a Mouse Model. <i>PLoS ONE</i> , 2015, 10, e0141816.	2.5	19
36	A functional genomics catalogue of activated transcription factors during pathogenesis of pneumococcal disease. <i>BMC Genomics</i> , 2014, 15, 769.	2.8	25

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37	A random six-phase switch regulates pneumococcal virulence via global epigenetic changes. <i>Nature Communications</i> , 2014, 5, 5055.	12.8	264
38	<scp>AdcA</scp> and <scp>AdcAll</scp> employ distinct zinc acquisition mechanisms and contribute additively to zinc homeostasis in <scp><i>S</i></scp><i>treptococcus pneumoniae</i>. <i>Molecular Microbiology</i> , 2014, 91, 834-851.	2.5	108
39	Surface Association of Pht Proteins of <i>Streptococcus pneumoniae</i> . <i>Infection and Immunity</i> , 2013, 81, 3644-3651.	2.2	33
40	The Effects of Methionine Acquisition and Synthesis on <i>Streptococcus Pneumoniae</i> Growth and Virulence. <i>PLoS ONE</i> , 2013, 8, e49638.	2.5	60
41	Comparative GO: A Web Application for Comparative Gene Ontology and Gene Ontology-Based Gene Selection in Bacteria. <i>PLoS ONE</i> , 2013, 8, e58759.	2.5	97
42	A Transcription Factor Contributes to Pathogenesis and Virulence in <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2013, 8, e70862.	2.5	25
43	Impairment of Pneumococcal Antigen Specific Isotype-Switched Igg Memory B-Cell Immunity in HIV Infected Malawian Adults. <i>PLoS ONE</i> , 2013, 8, e78592.	2.5	11
44	Vaccination against <i>Streptococcus pneumoniae</i> Using Truncated Derivatives of Polyhistidine Triad Protein D. <i>PLoS ONE</i> , 2013, 8, e78916.	2.5	30
45	FMS-Like Tyrosine Kinase 3 Ligand Treatment of Mice Aggravates Acute Lung Injury in Response to <i>Streptococcus pneumoniae</i> : Role of Pneumolysin. <i>Infection and Immunity</i> , 2012, 80, 4281-4290.	2.2	19
46	Hepatic induction of cholesterol biosynthesis reflects a remote adaptive response to pneumococcal pneumonia. <i>FASEB Journal</i> , 2012, 26, 2424-2436.	0.5	38
47	Identification of Genes That Contribute to the Pathogenesis of Invasive Pneumococcal Disease by <i>In Vivo</i> Transcriptomic Analysis. <i>Infection and Immunity</i> , 2012, 80, 3268-3278.	2.2	61
48	Polyhistidine triad proteins of pathogenic streptococci. <i>Trends in Microbiology</i> , 2012, 20, 485-493.	7.7	47
49	Identification of a novel pneumococcal vaccine antigen preferentially expressed during meningitis in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 2208-2220.	8.2	50
50	Contribution of a Genomic Accessory Region Encoding a Putative Cellobiose Phosphotransferase System to Virulence of <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2012, 7, e32385.	2.5	27
51	A Molecular Mechanism for Bacterial Susceptibility to Zinc. <i>PLoS Pathogens</i> , 2011, 7, e1002357.	4.7	387
52	Evicting the Pneumococcus from Its Nasopharyngeal Lodgings. <i>Cell Host and Microbe</i> , 2011, 9, 89-91.	11.0	1
53	A Variable Region within the Genome of <i>Streptococcus pneumoniae</i> Contributes to Strain-Strain Variation in Virulence. <i>PLoS ONE</i> , 2011, 6, e19650.	2.5	43
54	Extracellular Matrix Formation Enhances the Ability of <i>Streptococcus pneumoniae</i> to Cause Invasive Disease. <i>PLoS ONE</i> , 2011, 6, e19844.	2.5	61

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55	Deteriorating Pneumococcal-Specific B-Cell Memory in Minimally Symptomatic African Children With HIV Infection. <i>Journal of Infectious Diseases</i> , 2011, 204, 534-543.	4.0	28
56	Pneumolysin with Low Hemolytic Activity Confers an Early Growth Advantage to <i>Streptococcus pneumoniae</i> in the Blood. <i>Infection and Immunity</i> , 2011, 79, 4122-4130.	2.2	39
57	Contribution of Serotype and Genetic Background to Virulence of Serotype 3 and Serogroup 11 Pneumococcal Isolates. <i>Infection and Immunity</i> , 2011, 79, 4839-4849.	2.2	25
58	Central Role of Manganese in Regulation of Stress Responses, Physiology, and Metabolism in <i>Streptococcus pneumoniae</i> . <i>Journal of Bacteriology</i> , 2010, 192, 4489-4497.	2.2	95
59	Pneumococcal histidine triad proteins are regulated by the Zn ²⁺ -dependent repressor AdcR and inhibit complement deposition through the recruitment of complement factor H. <i>FASEB Journal</i> , 2009, 23, 731-738.	0.5	111
60	c-di-GMP is an effective immunomodulator and vaccine adjuvant against pneumococcal infection. <i>Vaccine</i> , 2008, 26, 4676-4685.	3.8	75
61	Pneumococcal Virulence Gene Expression and Host Cytokine Profiles during Pathogenesis of Invasive Disease. <i>Infection and Immunity</i> , 2008, 76, 646-657.	2.2	59
62	Contributions of Pneumolysin, Pneumococcal Surface Protein A (PspA), and PspC to Pathogenicity of <i>Streptococcus pneumoniae</i> D39 in a Mouse Model. <i>Infection and Immunity</i> , 2007, 75, 1843-1851.	2.2	86
63	Modulation of Adherence, Invasion, and Tumor Necrosis Factor Alpha Secretion during the Early Stages of Infection by <i>Streptococcus pneumoniae</i> ClpL. <i>Infection and Immunity</i> , 2007, 75, 2996-3005.	2.2	26
64	Development of a Vaccine against Invasive Pneumococcal Disease Based on Combinations of Virulence Proteins of <i>Streptococcus pneumoniae</i> . <i>Infection and Immunity</i> , 2007, 75, 350-357.	2.2	168
65	Differential expression of key pneumococcal virulence genes in vivo. <i>Microbiology (United Kingdom)</i> , 2006, 152, 305-311.	1.8	113
66	Epitope analysis of the FanC subunit protein of the K99 (F5) fimbriae of enterotoxigenic <i>Escherichia coli</i> using a recombinant fusion technique. <i>FEMS Immunology and Medical Microbiology</i> , 2002, 34, 23-31.	2.7	7
67	Protection against <i>Streptococcus pneumoniae</i> Elicited by Immunization with Pneumolysin and CbpA. <i>Infection and Immunity</i> , 2001, 69, 5997-6003.	2.2	134
68	Insertional mutation of orfD of the DCW cluster of <i>Streptococcus pneumoniae</i> attenuates virulence. <i>Microbial Pathogenesis</i> , 1999, 27, 337-348.	2.9	5
69	Regulation of Pneumococcal Surface Proteins and Capsule. , 0, , 190-208.		0