

Issmat I Kassem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3821918/publications.pdf>

Version: 2024-02-01

80
papers

1,493
citations

279701

23
h-index

377752

34
g-index

81
all docs

81
docs citations

81
times ranked

1511
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Campylobacter</i> in Poultry: Ecology and Potential Interventions. <i>Avian Diseases</i> , 2015, 59, 185-200.	0.4	171
2	Importance of Polyphosphate Kinase 1 for <i>Campylobacter jejuni</i> Viable-but-Nonculturable Cell Formation, Natural Transformation, and Antimicrobial Resistance. <i>Applied and Environmental Microbiology</i> , 2009, 75, 7838-7849.	1.4	54
3	Polyphosphate Kinase 2: A Novel Determinant of Stress Responses and Pathogenesis in <i>Campylobacter jejuni</i> . <i>PLoS ONE</i> , 2010, 5, e12142.	1.1	52
4	Emergence of plasmid-borne colistin resistance gene <i>mcr-1</i> in multidrug-resistant <i>Escherichia coli</i> isolated from irrigation water in Lebanon. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 102-104.	1.1	48
5	Prevalence and Antimicrobial Resistance of <i>Campylobacter</i> Isolated from Dressed Beef Carcasses and Raw Milk in Tanzania. <i>Microbial Drug Resistance</i> , 2016, 22, 40-52.	0.9	47
6	In Vitro Evaluation of the Impact of the Probiotic <i>E. coli</i> Nissle 1917 on <i>Campylobacter jejuni</i> ™s Invasion and Intracellular Survival in Human Colonic Cells. <i>Frontiers in Microbiology</i> , 2017, 8, 1588.	1.5	45
7	The Colistin Resistance Gene <i>mcr-1</i> Is Prevalent in Commensal <i>Escherichia coli</i> Isolated from Preharvest Poultry in Lebanon. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	44
8	Transducer like proteins of <i>Campylobacter jejuni</i> 81-176: role in chemotaxis and colonization of the chicken gastrointestinal tract. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 46.	1.8	43
9	Respiratory proteins contribute differentially to <i>Campylobacter jejuni</i> ™s survival and in vitro interaction with hosts™ intestinal cells. <i>BMC Microbiology</i> , 2012, 12, 258.	1.3	39
10	Genotypic and Phenotypic Properties of Cattle-Associated <i>Campylobacter</i> and Their Implications to Public Health in the USA. <i>PLoS ONE</i> , 2011, 6, e25778.	1.1	37
11	Antimicrobial Resistance and Genotypic Diversity of <i>Campylobacter</i> Isolated from Pigs, Dairy, and Beef Cattle in Tanzania. <i>Frontiers in Microbiology</i> , 2015, 6, 1240.	1.5	37
12	Public computer surfaces are reservoirs for methicillin-resistant staphylococci. <i>ISME Journal</i> , 2007, 1, 265-268.	4.4	33
13	The potential impact of water quality on the spread and control of COVID-19 in Syrian refugee camps in Lebanon. <i>Water International</i> , 2020, 45, 423-429.	0.4	33
14	The Mobile Colistin Resistance Gene, <i>mcr-1.1</i> , Is Carried on IncX4 Plasmids in Multidrug Resistant <i>E. coli</i> Isolated from Rainbow Trout Aquaculture. <i>Microorganisms</i> , 2020, 8, 1636.	1.6	32
15	Antimicrobial-Resistant <i>Campylobacter</i> in Organically and Conventionally Raised Layer Chickens. <i>Foodborne Pathogens and Disease</i> , 2017, 14, 29-34.	0.8	29
16	On a collision course: The availability and use of colistin-containing drugs in human therapeutics and food-animal farming in Lebanon. <i>Journal of Global Antimicrobial Resistance</i> , 2019, 16, 162-164.	0.9	29
17	Novel small molecule modulators of quorum sensing in avian pathogenic <i>Escherichia coli</i> (APEC). <i>Virulence</i> , 2018, 9, 1640-1657.	1.8	28
18	Refugees besieged: The lurking threat of COVID-19 in Syrian war refugee camps. <i>Travel Medicine and Infectious Disease</i> , 2020, 38, 101736.	1.5	28

#	ARTICLE	IF	CITATIONS
19	Of energy and survival incognito: a relationship between viable but non-culturable cells formation and inorganic polyphosphate and formate metabolism in <i>Campylobacter jejuni</i> . <i>Frontiers in Microbiology</i> , 2013, 4, 183.	1.5	27
20	First report on the detection of the plasmid-borne colistin resistance gene <i>mcr-1</i> in multi-drug resistant <i>E. coli</i> isolated from domestic and sewer waters in Syrian refugee camps in Lebanon. <i>Travel Medicine and Infectious Disease</i> , 2019, 30, 117-120.	1.5	27
21	Nationwide Assessment of Water Quality in Rivers across Lebanon by Quantifying Fecal Indicators Densities and Profiling Antibiotic Resistance of <i>Escherichia coli</i> . <i>Antibiotics</i> , 2021, 10, 883.	1.5	27
22	First report of the plasmid-borne colistin resistance gene (<i>mcr-1</i>) in <i>Proteus mirabilis</i> isolated from domestic and sewer waters in Syrian refugee camps. <i>Travel Medicine and Infectious Disease</i> , 2020, 33, 101482.	1.5	25
23	Use of bioluminescence imaging to monitor <i>Campylobacter</i> survival in chicken litter. <i>Journal of Applied Microbiology</i> , 2010, 109, 1988-1997.	1.4	24
24	<i>Campylobacter jejuni</i> transducer like proteins: Chemotaxis and beyond. <i>Gut Microbes</i> , 2017, 8, 323-334.	4.3	24
25	Immuno-modulatory effect of probiotic <i>E. coli</i> Nissle 1917 in polarized human colonic cells against <i>Campylobacter jejuni</i> infection. <i>Gut Microbes</i> , 2021, 13, 1-16.	4.3	24
26	Effect of Elevated CO ₂ and Drought on Soil Microbial Communities Associated with <i>Andropogon gerardii</i> . <i>Journal of Integrative Plant Biology</i> , 2008, 50, 1406-1415.	4.1	23
27	Dissemination of multidrug-resistant <i>Escherichia coli</i> harboring the mobile colistin resistance gene <i>mcr-1.1</i> on transmissible plasmids in the Mediterranean Sea. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 84-86.	0.9	22
28	An evaluation of the effect of sodium bisulfate as a feed additive on <i>Salmonella enterica</i> serotype Enteritidis in experimentally infected broilers. <i>Poultry Science</i> , 2012, 91, 1032-1037.	1.5	21
29	Occurrence of <i>mecA</i> in Nonstaphylococcal Pathogens in Surface Waters. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3868-3869.	1.8	19
30	First Nation-Wide Analysis of Food Safety and Acceptability Data in Lebanon. <i>Foods</i> , 2020, 9, 1717.	1.9	19
31	Insights into potential pathogenesis mechanisms associated with <i>Campylobacter jejuni</i> -induced abortion in ewes. <i>BMC Veterinary Research</i> , 2014, 10, 274.	0.7	17
32	Chinks in the armor: The role of the nonclinical environment in the transmission of <i>Staphylococcus</i> bacteria. <i>American Journal of Infection Control</i> , 2011, 39, 539-541.	1.1	16
33	Shortage of appropriate diagnostics for antimicrobial resistance in Lebanese clinical settings: a crisis amplified by COVID-19 and economic collapse. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 27, 72-74.	0.9	16
34	The impairment of methylmenaquinol:fumarate reductase affects hydrogen peroxide susceptibility and accumulation in <i>Campylobacter jejuni</i> . <i>MicrobiologyOpen</i> , 2014, 3, 168-181.	1.2	15
35	First report of the plasmid-borne colistin resistance gene (<i>mcr-1</i>) in <i>Proteus mirabilis</i> isolated from a toddler in non-clinical settings. <i>IDCases</i> , 2019, 18, e00651.	0.4	15
36	Optimization of DGGE community fingerprinting for characterizing <i>Escherichia coli</i> communities associated with fecal pollution. <i>Water Research</i> , 2008, 42, 4467-4476.	5.3	14

#	ARTICLE	IF	CITATIONS
37	Transcriptome analysis of <i>Campylobacter jejuni</i> polyphosphate kinase (<i>ppk1</i> and <i>ppk2</i>) mutants. <i>Virulence</i> , 2015, 6, 814-818.	1.8	14
38	Genotypic relatedness and antimicrobial resistance of <i>Salmonella</i> Heidelberg isolated from chickens and turkeys in the midwestern United States. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 370-375.	0.5	14
39	Nonculturability Might Underestimate the Occurrence of <i>Campylobacter</i> in Broiler Litter. <i>Foodborne Pathogens and Disease</i> , 2017, 14, 472-477.	0.8	14
40	Prevalence and Loads of Fecal Pollution Indicators and the Antibiotic Resistance Phenotypes of <i>Escherichia coli</i> in Raw Minced Beef in Lebanon. <i>Foods</i> , 2020, 9, 1543.	1.9	14
41	Formate simultaneously reduces oxidase activity and enhances respiration in <i>Campylobacter jejuni</i> . <i>Scientific Reports</i> , 2017, 7, 40117.	1.6	13
42	A brewing storm: the impact of economic collapse on the access to antimicrobials in Lebanon. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 29, 313-315.	0.9	13
43	Emergence of the Mobile Colistin Resistance Gene <i>mcr-1</i> in Multidrug-Resistant <i>Escherichia coli</i> Isolated from the Fecal Matter of Toddlers in a Community. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	12
44	Draft genome sequences and resistome analysis of multidrug-resistant <i>mcr-1</i> -harbouring <i>Escherichia coli</i> isolated from pre-harvest poultry in Lebanon. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 25, 114-116.	0.9	12
45	Catch-22: War, Refugees, COVID-19, and the Scourge of Antimicrobial Resistance. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	12
46	Audacious Hitchhikers: The Role of Travel and the International Food Trade in the Global Dissemination of Mobile Colistin-Resistance (<i>mcr</i>) Genes. <i>Antibiotics</i> , 2020, 9, 370.	1.5	11
47	Let There Be Light! Bioluminescent Imaging to Study Bacterial Pathogenesis in Live Animals and Plants. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2014, 154, 119-145.	0.6	10
48	SARS-CoV-2 remains infectious for at least a month on artificially-contaminated frozen berries. <i>Food Microbiology</i> , 2022, 107, 104084.	2.1	10
49	An ancient molecule in a recalcitrant pathogen: the contributions of poly-P to the pathogenesis and stress responses of <i>Campylobacter jejuni</i> . <i>Future Microbiology</i> , 2011, 6, 1117-1120.	1.0	9
50	Analysis of Food Safety Management Systems in the Beef Meat Processing and Distribution Chain in Uganda. <i>Foods</i> , 2021, 10, 2244.	1.9	9
51	The Emergence and Dissemination of Multidrug Resistant <i>Pseudomonas aeruginosa</i> in Lebanon: Current Status and Challenges during the Economic Crisis. <i>Antibiotics</i> , 2022, 11, 687.	1.5	9
52	A Quantitative Polymerase Chain Reaction Assay for Detection and Quantification of <i>Lawsonia Intracellularis</i> . <i>Journal of Veterinary Diagnostic Investigation</i> , 2010, 22, 265-269.	0.5	8
53	Historical, current, and emerging tools for identification and serotyping of <i>Shigella</i> . <i>Brazilian Journal of Microbiology</i> , 2021, 52, 2043-2055.	0.8	8
54	The twin-arginine translocation system: contributions to the pathobiology of <i>Campylobacter jejuni</i> . <i>Future Microbiology</i> , 2011, 6, 1315-1327.	1.0	7

#	ARTICLE	IF	CITATIONS
55	Trends in the epidemiology of dermatophytosis in the Middle East and North Africa region. International Journal of Dermatology, 2022, 61, 935-968.	0.5	7
56	First report of the mobile colistin resistance gene mcr-9.1 in Morganella morganii isolated from sewage in Georgia, USA. Journal of Global Antimicrobial Resistance, 2022, 29, 540-541.	0.9	7
57	Genetic evidence for the offsite transport of E. coli associated with land application of Class B biosolids on agricultural fields. Science of the Total Environment, 2012, 433, 273-280.	3.9	6
58	High association of COVID-19 severity with poor gut health score in Lebanese patients. PLoS ONE, 2021, 16, e0258913.	1.1	6
59	Acquired resistome and plasmid sequencing of <i>mcr-1</i> carrying MDR Enterobacteriaceae from poultry and their relationship to STs associated with humans. JAC-Antimicrobial Resistance, 2022, 4, dlab198.	0.9	6
60	Concerning public transport as a reservoir of methicillin-resistant staphylococci. Letters in Applied Microbiology, 2009, 48, 268-268.	1.0	5
61	Detection and differentiation of staphylococcal contamination of clinical surfaces using denaturing gradient gel electrophoresis. Journal of Hospital Infection, 2011, 78, 187-193.	1.4	5
62	The emergence of antibiotic resistance in poultry farms. Burleigh Dodds Series in Agricultural Science, 2016, , 67-86.	0.1	5
63	Genome sequence of a multidrug-resistant Campylobacter coli strain isolated from a newborn with severe diarrhea in Lebanon. Folia Microbiologica, 2022, , 1.	1.1	5
64	Occurrence of the invasion associated marker (iam) in Campylobacter jejuni isolated from cattle. BMC Research Notes, 2011, 4, 570.	0.6	4
65	Formate Dehydrogenase Localization and Activity Are Dependent on an Intact Twin Arginine Translocation System (Tat) in <i>Campylobacter jejuni</i> 81-176. Foodborne Pathogens and Disease, 2014, 11, 917-919.	0.8	4
66	On the edge of a precipice: the global emergence and dissemination of plasmid-borne mcr genes that confer resistance to colistin, a last-resort antibiotic. , 2020, , 155-182.		4
67	Draft Genome Sequences of Multidrug-Resistant and mcr-1.1 -Harboring Escherichia coli Isolated from Drinking and Well Waters Used in Syrian Refugee Camps. Microbiology Resource Announcements, 2021, 10, .	0.3	4
68	Letter to the Editor: First Report of the Detection of the Plasmid-Borne Colistin Resistance Gene, <i>mcr-1.26</i> , in Multidrug-Resistant <i>Escherichia coli</i> Isolated from a Domesticated Pigeon. Microbial Drug Resistance, 2022, 28, 821-823.	0.9	4
69	Transmissibility and Persistence of the Plasmid-Borne Mobile Colistin Resistance Gene, mcr-1, Harbored in Poultry-Associated E. coli. Antibiotics, 2022, 11, 774.	1.5	4
70	Food Safety Regulations and Enforcement in Ethiopia. , 2018, , .		3
71	Draft Genome Sequences of Colistin-Resistant and <i>mcr-1.1</i> Carrying Escherichia coli Strains Isolated from Irrigation Water. Microbiology Resource Announcements, 2021, 10, .	0.3	3
72	Of the Morphogenes that Make a Ring, A Rod and a Sphere in Escherichia Coli. Science Progress, 2007, 90, 59-72.	1.0	2

#	ARTICLE	IF	CITATIONS
73	Emergence of a <i>Neisseria flavescens</i> clinical strain with a high level of third-generation cephalosporins resistance in Lebanon. <i>Diagnostic Microbiology and Infectious Disease</i> , 2022, 103, 115660.	0.8	2
74	Short-Term Effect of Capping on Microbial Communities in Freshwater Sediments. <i>Water Environment Research</i> , 2009, 81, 441-449.	1.3	1
75	Application of denaturing gradient gel electrophoresis (DGGE) for assessing fecal pollution sources at a recreational beach. <i>Journal of Water and Health</i> , 2014, 12, 846-857.	1.1	1
76	Qualitative and quantitative cues in consumers' valuation of food safety: Evidence from Lebanon. <i>Journal of Food Safety</i> , 2019, 39, e12632.	1.1	1
77	Effect of the Human Probiotic Bacterium <i>Escherichia coli</i> Nissle (1917) on performance and immune response of Nile tilapia <i>Oreochromis niloticus</i> . <i>Journal of Applied Aquaculture</i> , 0, , 1-15.	0.7	1
78	Food Safety Regulations and Enforcement in Tanzania. , 2018, , .		0
79	Food Regulations and Enforcement in Qatar. , 2018, , .		0
80	ISOLATION METHODS FOR MOLECULAR DETECTION AND ANTIBIOTIC RESISTANCE PATTERN OF <i>CAMPYLOBACTER</i> SPP IN LAYER CHICKENS. <i>Journal of Natural Science, Engineering and Technology</i> , 2021, 19, 149-159.	0.1	0