

Ben D Tall

List of Publications by Year in descending order

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papers

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87888

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#	ARTICLE	IF	CITATIONS
1	Environmental risk factors associated with the survival, persistence, and thermal tolerance of <i>Cronobacter sakazakii</i> during the manufacture of powdered infant formula. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 12224-12239.	10.3	7
2	Phylogenomic Analysis of <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovar <i>Bovismorbificans</i> from Clinical and Food Samples Using Whole Genome Wide Core Genes and kmer Binning Methods to Identify Two Distinct Polyphyletic Genome Pathotypes. <i>Microorganisms</i> , 2022, 10, 1199.	3.6	0
3	Complete genome sequences and genomic characterization of five plasmids harbored by environmentally persistent <i>Cronobacter sakazakii</i> strains ST83 H322 and ST64 GK1025B obtained from powdered infant formula manufacturing facilities. <i>Gut Pathogens</i> , 2022, 14, .	3.4	4
4	Characterization of <i>Cronobacter sakazakii</i> Strains Originating from Plant-Origin Foods Using Comparative Genomic Analyses and Zebrafish Infectivity Studies. <i>Microorganisms</i> , 2022, 10, 1396.	3.6	6
5	A 16S rRNA Sequencing Study Describing the Environmental Microbiota of Two Powdered Infant Formula Built Facilities. <i>Foodborne Pathogens and Disease</i> , 2022, 19, 473-484.	1.8	1
6	<i>Cronobacter</i> species. , 2021, , 265-283.		1
7	Alterations in the Transcriptional Landscape Allow Differential Desiccation Tolerance in Clinical <i>Cronobacter sakazakii</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, e0083021.	3.1	8
8	Analysis of the Molecular Diversity Among <i>Cronobacter</i> Species Isolated From Filth Flies Using Targeted PCR, Pan Genomic DNA Microarray, and Whole Genome Sequencing Analyses. <i>Frontiers in Microbiology</i> , 2020, 11, 561204.	3.5	17
9	The Secretion of Toxins and Other Exoproteins of <i>Cronobacter</i> : Role in Virulence, Adaption, and Persistence. <i>Microorganisms</i> , 2020, 8, 229.	3.6	29
10	Prevalence of <i>Cronobacter</i> spp. and <i>Salmonella</i> in Milk Powder Manufacturing Facilities in the United States. <i>Journal of Food Protection</i> , 2020, 83, 1685-1692.	1.7	16
11	Prevalence, Distribution, and Phylogeny of Type Two Toxin-Antitoxin Genes Possessed by <i>Cronobacter</i> Species where <i>C. sakazakii</i> Homologs Follow Sequence Type Lineages. <i>Microorganisms</i> , 2019, 7, 554.	3.6	8
12	<i>Cronobacter</i> Species. , 2019, , 389-414.		8
13	Genome-wide survey of efflux pump-coding genes associated with <i>Cronobacter</i> survival, osmotic adaptation, and persistence. <i>Current Opinion in Food Science</i> , 2019, 30, 32-42.	8.0	21
14	RNA Sequencing-Based Transcriptional Overview of Xerotolerance in <i>Cronobacter sakazakii</i> SP291. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	40
15	Genomic characterization of malonate positive <i>Cronobacter sakazakii</i> serotype O:2, sequence type 64 strains, isolated from clinical, food, and environment samples. <i>Gut Pathogens</i> , 2018, 10, 11.	3.4	22
16	Draft genomes of <i>Cronobacter sakazakii</i> strains isolated from dried spices bring unique insights into the diversity of plant-associated strains. <i>Standards in Genomic Sciences</i> , 2018, 13, 35.	1.5	29
17	Whole-Genome Sequences of <i>Cronobacter sakazakii</i> Isolates Obtained from Foods of Plant Origin and Dried-Food Manufacturing Environments. <i>Genome Announcements</i> , 2018, 6, .	0.8	19
18	Analysis of enterotoxigenic <i>Bacillus cereus</i> strains from dried foods using whole genome sequencing, multi-locus sequence analysis and toxin gene prevalence and distribution using endpoint PCR analysis. <i>International Journal of Food Microbiology</i> , 2018, 284, 31-39.	4.7	26

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19	DETERMINATION OF THE PHYLOGENETIC RELATEDNESS OF CRONOBACTER SPP. ISOLATED FROM POWDERED INFANT FORMULA RETAILED IN NIGERIA USING PAN-GENOMIC DNA MICROARRAY. <i>International Journal of Research -GRANTHAALAYAH</i> , 2018, 6, 327-340.	0.1	0
20	Increased secretion of exopolysaccharide and virulence potential of a mucoid variant of <i>Salmonella enterica</i> serovar Montevideo under environmental stress. <i>Microbial Pathogenesis</i> , 2017, 103, 107-113.	2.9	7
21	Draft Genome Sequence of <i>Cronobacter sakazakii</i> GP1999, Sequence Type 145, an Epiphytic Isolate Obtained from the Tomato's Rhizoplane/Rhizosphere Continuum. <i>Genome Announcements</i> , 2017, 5, .	0.8	9
22	Diverse profiles of N-acyl-homoserine lactones in biofilm forming isolates of <i>Cronobacter sakazakii</i> . <i>Virulence</i> , 2017, 8, 246-247.	4.4	5
23	Use of a Pan-Genomic DNA Microarray in Determination of the Phylogenetic Relatedness among <i>Cronobacter</i> spp. and Its Use as a Data Mining Tool to Understand <i>Cronobacter</i> Biology. <i>Microarrays (Basel, Switzerland)</i> , 2017, 6, 6.	1.4	6
24	Analysis and Characterization of Proteins Associated with Outer Membrane Vesicles Secreted by <i>Cronobacter</i> spp.. <i>Frontiers in Microbiology</i> , 2017, 8, 134.	3.5	28
25	Comparative Genomic Characterization of the Highly Persistent and Potentially Virulent <i>Cronobacter sakazakii</i> ST83, CC65 Strain H322 and Other ST83 Strains. <i>Frontiers in Microbiology</i> , 2017, 8, 1136.	3.5	31
26	<i>Salmonella enterica</i> serovar Infantis from Food and Human Infections, Switzerland, 2010-2015: Poultry-Related Multidrug Resistant Clones and an Emerging ESBL Producing Clonal Lineage. <i>Frontiers in Microbiology</i> , 2017, 8, 1322.	3.5	101
27	Advancements in Microarray Utility for Detection and Tracking of Foodborne Microbes in the Genomic Era. <i>Advanced Techniques in Biology & Medicine</i> , 2017, 05, .	0.1	2
28	Linking Genomo- and Pathotype: Exploiting the Zebrafish Embryo Model to Investigate the Divergent Virulence Potential among <i>Cronobacter</i> spp.. <i>PLoS ONE</i> , 2016, 11, e0158428.	2.5	25
29	Fabrication of Polymerase Chain Reaction Plastic Lab-on-a-Chip Device for Rapid Molecular Diagnoses. <i>International Neurourology Journal</i> , 2016, 20, S38-48.	1.2	28
30	Purification and Characterization of a Rabbit Serum Factor That Kills <i>Listeria</i> Species and Other Foodborne Bacterial Pathogens. <i>Foodborne Pathogens and Disease</i> , 2016, 13, 441-447.	1.8	0
31	Genome Sequence of <i>Cronobacter sakazakii</i> Serogroup O:4, Sequence Type 4 Strain CDC 2009-03746, Isolated from a Fatal Case of Infantile Meningitis. <i>Genome Announcements</i> , 2015, 3, .	0.8	11
32	Analysis of the cellulose synthase operon genes, <i>bcsA</i> , <i>bcsB</i> , and <i>bcsC</i> in <i>Cronobacter</i> species: Prevalence among species and their roles in biofilm formation and cell-cell aggregation. <i>Food Microbiology</i> , 2015, 52, 97-105.	4.2	45
33	A proposed harmonized LPS molecular-subtyping scheme for <i>Cronobacter</i> species. <i>Food Microbiology</i> , 2015, 50, 38-43.	4.2	29
34	Ingested <i>Salmonella enterica</i> , <i>Cronobacter sakazakii</i> , <i>Escherichia coli</i> O157:H7, and <i>Listeria monocytogenes</i> : transmission dynamics from adult house flies to their eggs and first filial (F1) generation adults. <i>BMC Microbiology</i> , 2015, 15, 150.	3.3	22
35	Comparative Genotypic and Phenotypic Analysis of <i>Cronobacter</i> Species Cultured from Four Powdered Infant Formula Production Facilities: Indication of Pathoadaptation along the Food Chain. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4388-4402.	3.1	39
36	Genomic Evidence Reveals Numerous <i>Salmonella enterica</i> Serovar Newport Reintroduction Events in Suwannee Watershed Irrigation Ponds. <i>Applied and Environmental Microbiology</i> , 2015, 81, 8243-8253.	3.1	19

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37	38.ÂCronobacterSpecies. , 2015, , .		0
38	Re-examination of the taxonomic status of <i>Enterobacter helveticus</i> , <i>Enterobacter pulveris</i> and <i>Enterobacter turicensis</i> as members of the genus <i>Cronobacter</i> and their reclassification in the genera <i>Franconibacter</i> gen. nov. and <i>Siccibacter</i> gen. nov. as <i>Franconibacter helveticus</i> comb. nov., <i>Franconibacter pulveris</i> comb. nov. and <i>Siccibacter turicensis</i> comb. nov., respectively. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3402-3410.	1.7	136
39	<i>Cronobacter</i> spp. â€“ opportunistic food-borne pathogens. A review of their virulence and environmental-adaptive traits. <i>Journal of Medical Microbiology</i> , 2014, 63, 1023-1037.	1.8	100
40	<i>Cronobacter</i> : An Emergent Pathogen Causing Meningitis to Neonates through their Feeds. <i>Science Progress</i> , 2014, 97, 154-172.	1.9	40
41	Genomic and Phenotypic Characterization of <i>Vibrio cholerae</i> Non-O1 Isolates from a US Gulf Coast Cholera Outbreak. <i>PLoS ONE</i> , 2014, 9, e86264.	2.5	54
42	Pan-genome analysis of the emerging foodborne pathogen <i>Cronobacter</i> spp. suggests a species-level bidirectional divergence driven by niche adaptation. <i>BMC Genomics</i> , 2013, 14, 366.	2.8	78
43	Identification and Characterization of Five New Molecular Serogroups of <i>Cronobacter</i> spp.. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 343-352.	1.8	37
44	The Pathogen-annotated Tracking Resource Network (PATRN) system: A web-based resource to aid food safety, regulatory science, and investigations of foodborne pathogens and disease. <i>Food Microbiology</i> , 2013, 34, 303-318.	4.2	11
45	Diversity, distribution and antibiotic resistance of <i>Enterococcus</i> spp. recovered from tomatoes, leaves, water and soil on U.S. Mid-Atlantic farms. <i>Food Microbiology</i> , 2013, 36, 465-474.	4.2	49
46	Genome Sequence of <i>Enterobacter turicensis</i> Strain 610/05 (LMG 23731), Isolated from Fruit Powder. <i>Genome Announcements</i> , 2013, 1, .	0.8	4
47	Characterization of <i>Aeromonas hydrophila</i> ÂWound Pathotypes by Comparative Genomic and Functional Analyses of Virulence Genes. <i>MBio</i> , 2013, 4, e00064-13.	4.1	71
48	Multiplex PCR Assay Targeting a Diguanylate Cyclase-Encoding Gene, <i>cgcA</i> , To Differentiate Species within the Genus <i>Cronobacter</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 734-737.	3.1	61
49	Genome Sequences of Two <i>Enterobacter pulveris</i> Strains, 601/05 T (=LMG 24057 T =DSM 19144 T) and 1160/04 (=LMG 24058 =DSM 19146), Isolated from Fruit Powder. <i>Genome Announcements</i> , 2013, 1, .	0.8	3
50	Genome Sequence of an <i>Enterobacter helveticus</i> Strain, 1159/04 (LMG 23733), Isolated from Fruit Powder. <i>Genome Announcements</i> , 2013, 1, .	0.8	5
51	Complete genome sequence and phenotype microarray analysis of <i>Cronobacter sakazakii</i> SP291: a persistent isolate cultured from a powdered infant formula production facility. <i>Frontiers in Microbiology</i> , 2013, 4, 256.	3.5	61
52	Temperature regulation of virulence factors in the pathogen <i>Vibrio coralliilyticus</i> . <i>ISME Journal</i> , 2012, 6, 835-846.	9.8	218
53	Identification and Characterization of <i>Cronobacter</i> Iron Acquisition Systems. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6035-6050.	3.1	44
54	<i>Cronobacter</i> spp. (previously <i>Enterobacter sakazakii</i>) invade and translocate across both cultured human intestinal epithelial cells and human brain microvascular endothelial cells. <i>Microbial Pathogenesis</i> , 2012, 52, 140-147.	2.9	56

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55	Occurrence and antibiotic resistance of multiple Salmonella serotypes recovered from water, sediment and soil on mid-Atlantic tomato farms. Environmental Research, 2012, 114, 31-39.	7.5	115
56	The evaluation of a PCR-based method for identification of Salmonella enterica serotypes from environmental samples and various food matrices. Food Microbiology, 2012, 31, 199-209.	4.2	29
57	Cronobacter species (formerly known as Enterobacter sakazakii) in powdered infant formula: a review of our current understanding of the biology of this bacterium. Journal of Applied Microbiology, 2012, 113, 1-15.	3.1	128
58	Cloning and partial characterization of a novel hemolysin gene of <i>Vibrio tubiashii</i> and the development of a PCR-based detection assay. Canadian Journal of Microbiology, 2011, 57, 714-721.	1.7	1
59	Influence of iron-chelated growth conditions on outer membrane protein production and virulence of <i>Vibrio tubiashii</i> . Food Microbiology, 2011, 28, 1409-1413.	4.2	3
60	Cpa, the Outer Membrane Protease of <i>Cronobacter sakazakii</i> , Activates Plasminogen and Mediates Resistance to Serum Bactericidal Activity. Infection and Immunity, 2011, 79, 1578-1587.	2.2	78
61	Molecular Characterization of Cronobacter Lipopolysaccharide O-Antigen Gene Clusters and Development of Serotype-Specific PCR Assays. Applied and Environmental Microbiology, 2011, 77, 4017-4026.	3.1	91
62	Characterization of Putative Virulence Genes on the Related RepFIB Plasmids Harbored by Cronobacter spp. Applied and Environmental Microbiology, 2011, 77, 3255-3267.	3.1	96
63	<i>Vibrio cholerae</i> Hemolysin Is Required for Lethality, Developmental Delay, and Intestinal Vacuolation in <i>Caenorhabditis elegans</i> . PLoS ONE, 2010, 5, e11558.	2.5	43
64	Osmoregulated periplasmic glucans of Salmonella enterica serovar Typhimurium are required for optimal virulence in mice. Microbiology (United Kingdom), 2009, 155, 229-237.	1.8	48
65	<i>Cronobacter</i> gen. nov., a new genus to accommodate the biogroups of <i>Enterobacter sakazakii</i> , and proposal of <i>Cronobacter sakazakii</i> gen. nov., comb. nov., <i>Cronobacter malonaticus</i> sp. nov., <i>Cronobacter turicensis</i> sp. nov., <i>Cronobacter muytjensii</i> sp. nov., <i>Cronobacter dublinensis</i> sp. nov., <i>Cronobacter</i> genomospecies 1, and of three subspecies, <i>Cronobacter dublinensis</i> subsp. dublinensis subsp. nov., <i>Cronobacter dublinensis</i> subsp. lausannensis subsp. nov. and <i>Cronobacter dublinensis</i> subsp. <i>lausannensis</i> subsp. nov. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1255-1265.	1.7	506
66	Enhanced Microscopic Definition of <i>Campylobacter jejuni</i> Adherence to, Invasion of, Translocation across, and Exocytosis from Polarized Human Intestinal Caco-2 Cells. Infection and Immunity, 2008, 76, 5294-5304.	2.2	52
67	Isolation and Characterization of <i>Vibrio tubiashii</i> Outer Membrane Proteins and Determination of a toxR Homolog. Applied and Environmental Microbiology, 2008, 74, 907-911.	3.1	12
68	Characterization of the Zinc-Containing Metalloprotease Encoded by zpx and Development of a Species-Specific Detection Method for <i>Enterobacter sakazakii</i> . Applied and Environmental Microbiology, 2007, 73, 4142-4151.	3.1	99
69	Rugosity in <i>Grimontia hollisae</i> . Applied and Environmental Microbiology, 2007, 73, 1215-1224.	3.1	14
70	Functional Heterogeneity of RpoS in Stress Tolerance of Enterohemorrhagic <i>Escherichia coli</i> Strains. Applied and Environmental Microbiology, 2006, 72, 4978-4986.	3.1	65
71	Characterization of Enterohemorrhagic <i>Escherichia coli</i> Strains Based on Acid Resistance Phenotypes. Infection and Immunity, 2005, 73, 4993-5003.	2.2	61
72	Identification of foodborne bacteria by infrared spectroscopy using cellular fatty acid methyl esters. Journal of Microbiological Methods, 2003, 55, 709-716.	1.6	39

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73	Isolation and characterization of a zinc-containing metalloprotease expressed by <i>Vibrio tubiashii</i> . Canadian Journal of Microbiology, 2003, 49, 525-529.	1.7	28
74	Characterization of <i>Vibrio fluvialis</i> -Like Strains Implicated in Limp Lobster Disease. Applied and Environmental Microbiology, 2003, 69, 7435-7446.	3.1	39
75	Purification and Characterization of Enterotoxigenic El Tor-Like Hemolysin Produced by <i>Vibrio fluvialis</i> . Infection and Immunity, 2003, 71, 3213-3220.	2.2	47
76	Purification and Characterization of a Vulnificolysin-Like Cytolysin Produced by <i>Vibrio tubiashii</i> . Applied and Environmental Microbiology, 2001, 67, 3707-3711.	3.1	32
77	<i>Shigella flexneri</i> IpaH 7.8 Facilitates Escape of Virulent Bacteria from the Endocytic Vacuoles of Mouse and Human Macrophages. Infection and Immunity, 2000, 68, 3608-3619.	2.2	93
78	Physical Limitations on <i>Salmonella typhi</i> Entry into Cultured Human Intestinal Epithelial Cells. Infection and Immunity, 1998, 66, 2928-2937.	2.2	32
79	Hemolysin-Positive Enteroaggregative and Cell-Detaching <i>Escherichia coli</i> Strains Cause Oncosis of Human Monocyte-Derived Macrophages and Apoptosis of Murine J774 Cells. Infection and Immunity, 1998, 66, 3918-3924.	2.2	52
80	Uptake pathways of clinical isolates of <i>Proteus mirabilis</i> into human epithelial cell lines. Microbial Pathogenesis, 1996, 21, 1-16.	2.9	24
81	BACTERIAL ADHERENCE AND VIABILITY ON CUTTING BOARD SURFACES. Journal of Food Safety, 1994, 14, 153-172.	2.3	61
82	<i>Yersinia pestis</i> pH 6 antigen forms fimbriae and is induced by intracellular association with macrophages. Molecular Microbiology, 1993, 8, 311-324.	2.5	150
83	Immunization of rabbits with enterotoxigenic <i>E. coli</i> colonization factor antigen (CFA/II) encapsulated in biodegradable microspheres of poly (lactide-co-glycolide). Vaccine, 1993, 11, 155-158.	3.8	79
84	Detection by Immune Electron Microscopy of 27-nm Viral Particles Associated with Community-Acquired Diarrhea in Children. Journal of Infectious Diseases, 1990, 161, 571-573.	4.0	6
85	Studies in volunteers to evaluate candidate <i>Shigella</i> vaccines: further experience with a bivalent <i>Salmonella typhi</i> - <i>Shigella sonnei</i> vaccine and protection conferred by previous <i>Shigella sonnei</i> disease. Vaccine, 1990, 8, 353-357.	3.8	153
86	SAFETY, IMMUNOGENICITY, AND EFFICACY OF RECOMBINANT LIVE ORAL CHOLERA VACCINES, CVD 103 AND CVD 103-HgR. Lancet, The, 1988, 332, 467-470.	13.7	350
87	Acute diarrhea in Baltimore children attending an outpatient clinic. Pediatric Infectious Disease Journal, 1988, 7, 753-759.	2.0	74
88	Inhibition of Skeletal Muscle Protein Synthesis in Septic Intra-abdominal Abscess. Journal of Trauma, 1988, 28, 981-988.	2.3	26
89	A DNA Probe to Identify Enterohemorrhagic <i>Escherichia coli</i> of O157:H7 and Other Serotypes That Cause Hemorrhagic Colitis and Hemolytic Uremic Syndrome. Journal of Infectious Diseases, 1987, 156, 175-182.	4.0	429
90	Scanning Electron Microscopy of <i>Cristispira</i> Species in Chesapeake Bay Oysters. Applied and Environmental Microbiology, 1981, 42, 336-343.	3.1	21