

# Tawni Crippen

## List of Publications by Year in descending order

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84  
papers

2,919  
citations

236925

25  
h-index

189892

50  
g-index

86  
all docs

86  
docs citations

86  
times ranked

2774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene expression in <i>Lucilia sericata</i> (Diptera: Calliphoridae) larvae exposed to <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> identifies shared and microbe-specific induction of immune genes. <i>Insect Molecular Biology</i> , 2022, 31, 85-100.	2.0	6
2	Adult <i>Alphitobius diaperinus</i> Microbial Community during Broiler Production and in Spent Litter after Stockpiling. <i>Microorganisms</i> , 2022, 10, 175.	3.6	1
3	Disinfectant and antimicrobial susceptibility studies of the foodborne pathogen <i>Campylobacter jejuni</i> isolated from the litter of broiler chicken houses. <i>Poultry Science</i> , 2021, 100, 1024-1033.	3.4	12
4	Differential Carbon Utilization by Bacteria in the Soil Surrounding and on Swine Carcasses with Dipteran Access Delayed. <i>Pure and Applied Geophysics</i> , 2021, 178, 717-734.	1.9	0
5	Reduced Environmental Microbial Diversity on the Cuticle and in the Galleries of a Subterranean Termite Compared to Surrounding Soil. <i>Microbial Ecology</i> , 2021, 81, 1054-1063.	2.8	10
6	Black soldier fly, <i>Hermetia illucens</i> (L.) (Diptera: Stratiomyidae), and house fly, <i>Musca domestica</i> L. (Diptera: Muscidae), larvae reduce livestock manure and possibly associated nutrients: An assessment at two scales. <i>Environmental Pollution</i> , 2021, 282, 116976.	7.5	13
7	Poultry litter and the environment: Microbial profile of litter during successive flock rotations and after spreading on pastureland. <i>Science of the Total Environment</i> , 2021, 780, 146413.	8.0	10
8	Antagonistic Effects of Lipids Against the Anti- <i>Escherichia coli</i> and Anti- <i>Salmonella</i> Activity of Thymol and Thymol- $\beta$ -D-Glucopyranoside in Porcine Gut and Fecal Cultures In Vitro. <i>Frontiers in Veterinary Science</i> , 2021, 8, 751266.	2.2	2
9	Disinfectant and Antimicrobial Susceptibility Studies of <i>Staphylococcus aureus</i> Strains and ST398-MRSA and ST5-MRSA Strains from Swine Mandibular Lymph Node Tissue, Commercial Pork Sausage Meat and Swine Feces. <i>Microorganisms</i> , 2021, 9, 2401.	3.6	2
10	Inhibition and Interactions of <i>Campylobacter jejuni</i> from Broiler Chicken Houses with Organic Acids. <i>Microorganisms</i> , 2019, 7, 223.	3.6	19
11	How Management Practices Within a Poultry House During Successive Flock Rotations Change the Structure of the Soil Microbiome. <i>Frontiers in Microbiology</i> , 2019, 10, 2100.	3.5	13
12	Microbial communities of salmon resource subsidies and associated necrophagous consumers during decomposition: Potential of cross-ecosystem microbial dispersal. <i>Food Webs</i> , 2019, 19, e00114.	1.2	10
13	Interactions of organic acids with vancomycin-resistant <i>Enterococcus faecium</i> isolated from community wastewater in Texas. <i>Journal of Applied Microbiology</i> , 2019, 126, 480-488.	3.1	3
14	Larval digestion of different manure types by the black soldier fly (Diptera: Stratiomyidae) impacts associated volatile emissions. <i>Waste Management</i> , 2018, 74, 213-220.	7.4	92
15	The horizontal transfer of <i>Salmonella</i> between the lesser mealworm ( <i>Alphitobius</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	2.2	21
16	<i>Nigella sativa</i> L. as an alternative antibiotic feed supplement and effect on growth performance in weanling pigs. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 3175-3181.	3.5	12
17	Interactions of organic acids with <i>Campylobacter coli</i> from swine. <i>PLoS ONE</i> , 2018, 13, e0202100.	2.5	19
18	Susceptibility of <i>Alphitobius diaperinus</i> in Texas to permethrin- and $\lambda$ -cyfluthrin-treated surfaces. <i>Pest Management Science</i> , 2017, 73, 562-567.	3.4	11

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19	Interkingdom Cues by Bacteria Associated with Conspecific and Heterospecific Eggs of <i>Cochliomyia macellaria</i> and <i>Chrysomya rufifacies</i> (Diptera: Calliphoridae) Potentially Govern Succession on Carrion. <i>Annals of the Entomological Society of America</i> , 2017, 110, 73-82.	2.5	14
20	Genome Sequence of a <i>Providencia stuartii</i> Strain Isolated from <i>Lucilia sericata</i> Salivary Glands. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
21	Indole: An evolutionarily conserved influencer of behavior across kingdoms. <i>BioEssays</i> , 2017, 39, 1600203.	2.5	56
22	A Review of Bacterial Interactions With Blow Flies (Diptera: Calliphoridae) of Medical, Veterinary, and Forensic Importance. <i>Annals of the Entomological Society of America</i> , 2017, 110, 19-36.	2.5	71
23	Filth Fly Transmission of <i>Escherichia coli</i> O157:H7 and <i>Salmonella enterica</i> to Lettuce, <i>Lactuca sativa</i> . <i>Annals of the Entomological Society of America</i> , 2017, 110, 83-89.	2.5	24
24	Evaluation of Sterilized Artificial Diets for Mass Rearing the <i>Lucilia sericata</i> (Diptera: Calliphoridae). <i>Journal of Medical Entomology</i> , 2017, 54, 1122-1128.	1.8	4
25	Nonconsumptive Effects of Predatory <i>Chrysomya rufifacies</i> (Diptera: Calliphoridae) Larval Cues on Larval <i>Cochliomyia macellaria</i> (Diptera: Calliphoridae) Growth and Development. <i>Journal of Medical Entomology</i> , 2017, 54, 1167-1174.	1.8	12
26	Temporal and Spatial Impact of Human Cadaver Decomposition on Soil Bacterial and Arthropod Community Structure and Function. <i>Frontiers in Microbiology</i> , 2017, 8, 2616.	3.5	55
27	Disinfectant and Antimicrobial Susceptibility Profiles of <i>Salmonella</i> Strains from Feedlot Water-Sprinkled Cattle: Hides and Feces. <i>Journal of Food Chemistry and Nanotechnology</i> , 2017, 03, .	0.3	4
28	Interactions of Organic Acids with <i>Salmonella</i> Strains from Feedlot Water-Sprinkled Cattle. <i>Journal of Food Chemistry and Nanotechnology</i> , 2017, 03, .	0.3	3
29	Methods for external disinfection of blow fly (Diptera: Calliphoridae) eggs prior to use in wound debridement therapy. <i>Wound Repair and Regeneration</i> , 2016, 24, 384-393.	3.0	20
30	Poultry litter and the environment: Physicochemical properties of litter and soil during successive flock rotations and after remote site deposition. <i>Science of the Total Environment</i> , 2016, 553, 650-661.	8.0	17
31	Genome Sequence of a <i>Proteus mirabilis</i> Strain Isolated from the Salivary Glands of Larval <i>Lucilia sericata</i> . <i>Genome Announcements</i> , 2016, 4, .	0.8	5
32	Disinfectant and Antimicrobial Susceptibility Profiles of the Big Six Non-O157 Shiga Toxin-Producing <i>Escherichia coli</i> Strains from Food Animals and Humans. <i>Journal of Food Protection</i> , 2016, 79, 1355-1370.	1.7	14
33	Effect of Quorum Sensing by <i>Staphylococcus epidermidis</i> on the Attraction Response of Female Adult Yellow Fever Mosquitoes, <i>Aedes aegypti aegypti</i> (Linnaeus) (Diptera: Culicidae), to a Blood-Feeding Source. <i>PLoS ONE</i> , 2015, 10, e0143950.	2.5	19
34	Characterization of antibiotic and disinfectant susceptibility profiles among <i>Pseudomonas aeruginosa</i> veterinary isolates recovered during 1994-2003. <i>Journal of Applied Microbiology</i> , 2015, 118, 326-342.	3.1	42
35	Field Documentation of Unusual Post-Mortem Arthropod Activity on Human Remains. <i>Journal of Medical Entomology</i> , 2015, 52, 105-108.	1.8	9
36	A metagenomic assessment of the bacteria associated with <i>Lucilia sericata</i> and <i>Lucilia cuprina</i> (Diptera: Tj ETQq0 Q,0 rgBT /Overlock 10	3.6	95

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37	Canonical Discrimination of the Effect of a New Broiler Production Facility on Soil Chemical Profiles as Related to Current Management Practices. PLoS ONE, 2015, 10, e0128179.	2.5	4
38	Salmonella Typhimurium in chicken manure reduced or eliminated by addition of LT1000. Journal of Applied Poultry Research, 2014, 23, 116-120.	1.2	13
39	The potential use of bacterial community succession in forensics as described by high throughput metagenomic sequencing. International Journal of Legal Medicine, 2014, 128, 193-205.	2.2	254
40	Delayed insect access alters carrion decomposition and necrophagous insect community assembly. Ecosphere, 2014, 5, 1-21.	2.2	86
41	A Survey of Bacterial Diversity From Successive Life Stages of Black Soldier Fly (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5	1.8	111
42	Microbial Volatile Emissions as Insect Semiochemicals. Journal of Chemical Ecology, 2013, 39, 840-859.	1.8	386
43	Bacteria Mediate Oviposition by the Black Soldier Fly, <i>Hermetia illucens</i> (L.), (Diptera: Stratiomyidae). Scientific Reports, 2013, 3, 2563.	3.3	83
44	Disinfectant and Antibiotic Susceptibility Profiles of <i>Escherichia coli</i> O157:H7 Strains from Cattle Carcasses, Feces, and Hides and Ground Beef from the United States. Journal of Food Protection, 2013, 76, 6-17.	1.7	27
45	Microbial Community Functional Change during Vertebrate Carrion Decomposition. PLoS ONE, 2013, 8, e79035.	2.5	147
46	Improved Visualization of <i>Alphitobius diaperinus</i> (Panzer) (Coleoptera: Tenebrionidae) Part II: Alimentary Canal Components and Measurements. Psyche: Journal of Entomology, 2012, 2012, 1-8.	0.9	4
47	Improved Visualization of <i>Alphitobius diaperinus</i> (Panzer) (Coleoptera: Tenebrionidae) Part I: Morphological Features for Sex Determination of Multiple Stadia. Psyche: Journal of Entomology, 2012, 2012, 1-7.	0.9	7
48	Interkingdom responses of flies to bacteria mediated by fly physiology and bacterial quorum sensing. Animal Behaviour, 2012, 84, 1449-1456.	1.9	83
49	<i>Proteus mirabilis</i> interkingdom swarming signals attract blow flies. ISME Journal, 2012, 6, 1356-1366.	9.8	101
50	Evaluation of <i>Salmonella</i> Movement Through the Gut of the Lesser Mealworm, <i>Alphitobius diaperinus</i> (Coleoptera: Tenebrionidae). Vector-Borne and Zoonotic Diseases, 2012, 12, 287-292.	1.5	16
51	Transient gut retention and persistence of <i>Salmonella</i> through metamorphosis in the lesser mealworm, <i>Alphitobius diaperinus</i> (Coleoptera: Tenebrionidae). Journal of Applied Microbiology, 2012, 112, 920-926.	3.1	31
52	Destruction of single-species biofilms of <i>Escherichia coli</i> or <i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i> by dextranase, lactoferrin, and lysozyme. International Microbiology, 2012, 15, 185-9.	2.4	11
53	Characterization of <i>Salmonella enterica</i> Isolates from Turkeys in Commercial Processing Plants for Resistance to Antibiotics, Disinfectants, and a Growth Promoter. Foodborne Pathogens and Disease, 2011, 8, 593-600.	1.8	37
54	Microarray Analysis and Draft Genomes of Two <i>Escherichia coli</i> O157:H7 Lineage II Cattle Isolates FRIK966 and FRIK2000 Investigating Lack of Shiga Toxin Expression. Foodborne Pathogens and Disease, 2010, 7, 763-773.	1.8	15

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55	Conjugative Transfer of Plasmid-Located Antibiotic Resistance Genes Within the Gastrointestinal Tract of Lesser Mealworm Larvae, <i>Alphitobius diaperinus</i> (Coleoptera: Tenebrionidae). <i>Foodborne Pathogens and Disease</i> , 2009, 6, 907-915.	1.8	13
56	The Acquisition and Internalization of Salmonella by the Lesser Mealworm, <i>Alphitobius diaperinus</i> (Coleoptera: Tenebrionidae). <i>Vector-Borne and Zoonotic Diseases</i> , 2009, 9, 65-72.	1.5	33
57	Conjugative plasmid transfer between <i>Salmonella enterica</i> Newport and <i>Escherichia coli</i> within the gastrointestinal tract of the lesser mealworm beetle, <i>Alphitobius diaperinus</i> (Coleoptera: Tenebrionidae). <i>Journal of Food Protection</i> , 2009, 72, 1812-1820.	1.7	9
58	Characterization of Planktonic and Biofilm Communities of Day-of-Hatch Chicks Cecal Microflora and Their Resistance to Salmonella Colonization. <i>Journal of Food Protection</i> , 2009, 72, 1812-1820.	1.7	4
59	Planktonic and Biofilm Communities from 7-Day-Old Chicken Cecal Microflora Cultures: Characterization and Resistance to Salmonella Colonization. <i>Journal of Food Protection</i> , 2009, 72, 1812-1820.	1.7	9
60	Planktonic and Biofilm Community Characterization and Salmonella Resistance of 14-Day-Old Chicken Cecal Microflora Derived Continuous-Flow Cultures. <i>Journal of Food Protection</i> , 2008, 71, 1981-1987.	1.7	9
61	Bacterial Concentration and Diversity within Repetitive Aliquots Collected from Replicate Continuous-Flow Bioreactor Cultures. <i>Open Microbiology Journal</i> , 2008, 2, 60-65.	0.7	1
62	The selective inhibition of nitric oxide production in the avian macrophage cell line HD11. <i>Veterinary Immunology and Immunopathology</i> , 2006, 109, 127-137.	1.2	18
63	Dereplication by Automated Ribotyping of a Competitive Exclusion Culture Bacterial Isolate Library. <i>Journal of Food Protection</i> , 2006, 69, 228-232.	1.7	3
64	External Surface Disinfection of the Lesser Mealworm (Coleoptera: Tenebrionidae). <i>Journal of Medical Entomology</i> , 2006, 43, 916-923.	1.8	24
65	External Surface Disinfection of the Lesser Mealworm (Coleoptera: Tenebrionidae). <i>Journal of Medical Entomology</i> , 2006, 43, 916-923.	1.8	10
66	Association between in vitro heterophil function and the feathering gene in commercial broiler chickens. <i>Avian Pathology</i> , 2003, 32, 483-488.	2.0	23
67	Oxidative burst mediated by toll like receptors (TLR) and CD14 on avian heterophils stimulated with bacterial toll agonists. <i>Developmental and Comparative Immunology</i> , 2003, 27, 423-429.	2.3	83
68	Identification of CpG oligodeoxynucleotide motifs that stimulate nitric oxide and cytokine production in avian macrophage and peripheral blood mononuclear cells. <i>Developmental and Comparative Immunology</i> , 2003, 27, 621-627.	2.3	98
69	Differential nitric oxide production by chicken immune cells. <i>Developmental and Comparative Immunology</i> , 2003, 27, 603-610.	2.3	33
70	In vitro detection of functional humoral immunocompetence in juvenile chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) using flow cytometry. <i>Fish and Shellfish Immunology</i> , 2003, 15, 145-158.	3.6	28
71	Short-term exposure of Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) to o,p-DDE or DMSO during early life-history stages causes long-term humoral immunosuppression. <i>Environmental Health Perspectives</i> , 2003, 111, 1601-1607.	6.0	53
72	rP33 Activates Bacterial Killing by Chicken Peripheral Blood Heterophils. <i>Journal of Food Protection</i> , 2003, 66, 787-792.	1.7	9

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73	Analysis of Salmonid Leukocytes Purified by Hypotonic Lysis of Erythrocytes. Journal of Aquatic Animal Health, 2001, 13, 234-245.	1.4	31
74	Chicken mim-1 Protein, P33, Is a Heterophil Chemotactic Factor Present in Salmonella Enteritidis Immune Lymphokine. Journal of Food Protection, 2001, 64, 1503-1509.	1.7	13
75	Relationships between exposure, cell loss and proliferation, and manifestation of Hprt mutant T cells following treatment of preweanling, weanling, and adult male mice with N-ethyl-N-nitrosourea. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1999, 431, 371-388.	1.0	36
76	Regulation of Cytokine-Induced Neutrophil Chemoattractant in Rat Bone Marrow-Derived Macrophages by Inflammatory Mediators. Pathobiology, 1998, 66, 293-301.	3.8	3
77	Differential Regulation of the Expression of Cytokine-Induced Neutrophil Chemoattractant by Mouse Macrophages. Pathobiology, 1998, 66, 24-32.	3.8	8
78	Cytokine-induced neutrophil chemoattractant production by primary rat alveolar type II cells. Inflammation, 1995, 19, 575-586.	3.8	21
79	Cell proliferation in the bone marrow, thymus and spleen of mice studied by continuous, in vivo bromodeoxycytidine labelling and flow cytometric analysis. Cell Proliferation, 1989, 22, 203-212.	5.3	7
80	Factors that affect the frequency of thioguanine-resistant lymphocytes in mice following exposure to ethylnitrosourea. Environmental Mutagenesis, 1987, 9, 317-329.	1.4	53
81	Cloned mouse lymphocytes permit analysis of somatic mutations that occur in vivo. Somatic Cell and Molecular Genetics, 1987, 13, 325-333.	0.7	32
82	Forensic Entomology. , 0, , .		32
83	Carrion Ecology, Evolution, and Their Applications. , 0, , .		63
84	Management Practices Affecting Lesser Mealworm Larvae (Alphitobius diaperinus) Associated Microbial Community in a Broiler House and After Relocating With the Litter Into Pastureland. Frontiers in Microbiology, 0, 13, .	3.5	0