Tawni Crippen

List of Publications by Year
in descending order

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	Microbial Volatile Emissions as Insect Semiochemicals. Journal of Chemical Ecology, 2013, 39, 840-859.	1.8	386
2	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
3	Microbial Community Functional Change during Vertebrate Carrion Decomposition. PLoS ONE, 2013, 8, e79035.	2.5	147
4	A Survey of Bacterial Diversity From Successive Life Stages of Black Soldier Fly (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (S	1.8	111
5	Proteus mirabilis interkingdom swarming signals attract blow flies. ISME Journal, 2012, 6, 1356-1366.	9.8	101
6	Identification of CpG oligodeoxynucleotide motifs that stimulate nitric oxide and cytokine production in avian macrophage and peripheral blood mononuclear cells. Developmental and Comparative Immunology, 2003, 27, 621-627.	2.3	98
7	A metagenomic assessment of the bacteria associated with Lucilia sericata and Lucilia cuprina (Diptera:) Tj ETQq1 1 0.784314 rgBT /Ov	3.6	95
8	Larval digestion of different manure types by the black soldier fly (Diptera: Stratiomyidae) impacts associated volatile emissions. Waste Management, 2018, 74, 213-220.	7.4	92
9	Delayed insect access alters carrion decomposition and necrophagous insect community assembly. Ecosphere, 2014, 5, 1-21.	2.2	86
10	Oxidative burst mediated by toll like receptors (TLR) and CD14 on avian heterophils stimulated with bacterial toll agonists. Developmental and Comparative Immunology, 2003, 27, 423-429.	2.3	83
11	Interkingdom responses of flies to bacteria mediated by fly physiology and bacterial quorum sensing. Animal Behaviour, 2012, 84, 1449-1456.	1.9	83
12	Bacteria Mediate Oviposition by the Black Soldier Fly, Hermetia illucens (L.), (Diptera: Stratiomyidae). Scientific Reports, 2013, 3, 2563.	3.3	83
13	A Review of Bacterial Interactions With Blow Flies (Diptera: Calliphoridae) of Medical, Veterinary, and Forensic Importance. Annals of the Entomological Society of America, 2017, 110, 19-36.	2.5	71
14	Carrion Ecology, Evolution, and Their Applications. , 0, , .		63
15	Indole: An evolutionarily conserved influencer of behavior across kingdoms. BioEssays, 2017, 39, 1600203.	2.5	56
16	Temporal and Spatial Impact of Human Cadaver Decomposition on Soil Bacterial and Arthropod Community Structure and Function. Frontiers in Microbiology, 2017, 8, 2616.	3.5	55
17	Factors that affect the frequency of thioguanine-resistant lymphocytes in mice following exposure to ethylnitrosourea. Environmental Mutagenesis, 1987, 9, 317-329.	1.4	53
18	Short-term exposure of Chinook salmon (Oncoryhnchus tshawytscha) to o,p-DDE or DMSO during early life-history stages causes long-term humoral immunosuppression.. Environmental Health Perspectives, 2003, 111, 1601-1607.	6.0	53

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19	Characterization of antibiotic and disinfectant susceptibility profiles among Pseudomonas aeruginosa veterinary isolates recovered during 1994-2003. Journal of Applied Microbiology, 2015, 118, 326-342.	3.1	42
20	Characterization ofSalmonella entericaIsolates 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
21	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
22	Differential nitric oxide production by chicken immune cells. Developmental and Comparative Immunology, 2003, 27, 603-610.	2.3	33
23	The Acquisition and Internalization of Salmonella by the Lesser Mealworm, Alphitobius diaperinus (Coleoptera: Tenebrionidae). Vector-Borne and Zoonotic Diseases, 2009, 9, 65-72.	1.5	33
24	Cloned mouse lymphocytes permit analysis of somatic mutations that occur in vivo. Somatic Cell and Molecular Genetics, 1987, 13, 325-333.	0.7	32
25	Forensic Entomology. , 0, , .		32
26	Analysis of Salmonid Leukocytes Purified by Hypotonic Lysis of Erythrocytes. Journal of Aquatic Animal Health, 2001, 13, 234-245.	1.4	31
27	Transient gut retention and persistence of Salmonella through metamorphosis in the lesser mealworm, Alphitobius diaperinus (Coleoptera: Tenebrionidae). Journal of Applied Microbiology, 2012, 112, 920-926.	3.1	31
28	In vitro detection of functional humoral immunocompetence in juvenile chinook salmon (Oncorhynchus tshawytscha) using flow cytometry. Fish and Shellfish Immunology, 2003, 15, 145-158.	3.6	28
29	Disinfectant and Antibiotic Susceptibility Profiles of Escherichia coli O157:H7 Strains from Cattle Carcasses, Feces, and Hides and Ground Beef from the United Statesâ€. Journal of Food Protection, 2013, 76, 6-17.	1.7	27
30	Conjugative plasmid transfer between Salmonella enterica Newport and Escherichia coli within the gastrointestinal tract of the lesser mealworm beetle, Alphitobius diaperinus (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td (	3.4	26
31	External Surface Disinfection of the Lesser Mealworm (Coleoptera: Tenebrionidae). Journal of Medical Entomology, 2006, 43, 916-923.	1.8	24
32	Filth Fly Transmission ofEscherichia coliO157:H7 andSalmonella entericato Lettuce,Lactuca sativa. Annals of the Entomological Society of America, 2017, 110, 83-89.	2.5	24
33	Association between in vitro heterophil function and the feathering gene in commercial broiler chickens. Avian Pathology, 2003, 32, 483-488.	2.0	23
34	Cytokine-induced neutrophil chemoattractant production by primary rat alveolar type II cells. Inflammation, 1995, 19, 575-586.	3.8	21
35	The horizontal transfer of Salmonella between the lesser mealworm (Alphitobius) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.2	21
36	Methods for external disinfection of blow fly (Diptera: Calliphoridae) eggs prior to use in wound debridement therapy. Wound Repair and Regeneration, 2016, 24, 384-393.	3.0	20

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37	Effect of Quorum Sensing by Staphylococcus epidermidis on the Attraction Response of Female Adult Yellow Fever Mosquitoes, Aedes aegypti aegypti (Linnaeus) (Diptera: Culicidae), to a Blood-Feeding Source. PLoS ONE, 2015, 10, e0143950.	2.5	19
38	Interactions of organic acids with Campylobacter coli from swine. PLoS ONE, 2018, 13, e0202100.	2.5	19
39	Inhibition and Interactions of Campylobacter jejuni from Broiler Chicken Houses with Organic Acids. Microorganisms, 2019, 7, 223.	3.6	19
40	The selective inhibition of nitric oxide production in the avian macrophage cell line HD11. Veterinary Immunology and Immunopathology, 2006, 109, 127-137.	1.2	18
41	Poultry litter and the environment: Physiochemical properties of litter and soil during successive flock rotations and after remote site deposition. Science of the Total Environment, 2016, 553, 650-661.	8.0	17
42	Evaluation of Salmonella Movement Through the Gut of the Lesser Mealworm, Alphitobius diaperinus (Coleoptera: Tenebrionidae). Vector-Borne and Zoonotic Diseases, 2012, 12, 287-292.	1.5	16
43	Microarray Analysis and Draft Genomes of TwoEscherichia coliO157: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
44	Disinfectant and Antimicrobial Susceptibility Profiles of the Big Six Non-O157 Shiga Toxinâ€"Producing Escherichia coli Strains from Food Animals and Humans. Journal of Food Protection, 2016, 79, 1355-1370.	1.7	14
45	Interkingdom Cues by Bacteria Associated with Conspecific and Heterospecific Eggs ofCochliomyia macellariaandChrysomya rufifacies(Diptera: Calliphoridae) Potentially Govern Succession on Carrion. Annals of the Entomological Society of America, 2017, 110, 73-82.	2.5	14
46	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
47	Conjugative Transfer of Plasmid-Located Antibiotic Resistance Genes Within the Gastrointestinal Tract of Lesser Mealworm Larvae,Alphitobius diaperinus(Coleoptera: Tenebrionidae). Foodborne Pathogens and Disease, 2009, 6, 907-915.	1.8	13
48	Salmonella Typhimurium in chicken manure reduced or eliminated by addition of LT1000. Journal of Applied Poultry Research, 2014, 23, 116-120.	1.2	13
49	How Management Practices Within a Poultry House During Successive Flock Rotations Change the Structure of the Soil Microbiome. Frontiers in Microbiology, 2019, 10, 2100.	3.5	13
50	Black soldier fly, Hermetia illucens (L.) (Diptera: Stratiomyidae), and house fly, Musca domestica L. (Diptera: Muscidae), larvae reduce livestock manure and possibly associated nutrients: An assessment at two scales. Environmental Pollution, 2021, 282, 116976.	7.5	13
51	Nonconsumptive Effects of Predatory Chrysomya rufifacies (Diptera: Calliphoridae) Larval Cues on Larval Cochliomyia macellaria (Diptera: Calliphoridae) Growth and Development. Journal of Medical Entomology, 2017, 54, 1167-1174.	1.8	12
52	<scp>Nigella sativa</scp> L. as an alternative antibiotic feed supplement and effect on growth performance in weanling pigs. Journal of the Science of Food and Agriculture, 2018, 98, 3175-3181.	3.5	12
53	Disinfectant and antimicrobial susceptibility studies of the foodborne pathogen Campylobacter jejuni isolated from the litter of broiler chicken houses. Poultry Science, 2021, 100, 1024-1033.	3.4	12
54	Susceptibility of Alphitobius diaperinus in Texas to permethrinâ€•and Î²â€cyfluthrinâ€treated surfaces. Pest Management Science, 2017, 73, 562-567.	3.4	11

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55	Destruction of single-species biofilms of Escherichia coli or Klebsiella pneumoniae subsp. pneumoniae by dextranase, lactoferrin, and lysozyme. International Microbiology, 2012, 15, 185-9.	2.4	11
56	Microbial communities of salmon resource subsidies and associated necrophagous consumers during decomposition: Potential of cross-ecosystem microbial dispersal. Food Webs, 2019, 19, e00114.	1.2	10
57	Reduced Environmental Microbial Diversity on the Cuticle and in the Galleries of a Subterranean Termite Compared to Surrounding Soil. Microbial Ecology, 2021, 81, 1054-1063.	2.8	10
58	Poultry litter and the environment: Microbial profile of litter during successive flock rotations and after spreading on pastureland. Science of the Total Environment, 2021, 780, 146413.	8.0	10
59	External Surface Disinfection of the Lesser Mealworm (Coleoptera: Tenebrionidae). Journal of Medical Entomology, 2006, 43, 916-923.	1.8	10
60	rP33 Activates Bacterial Killing by Chicken Peripheral Blood Heterophils. Journal of Food Protection, 2003, 66, 787-792.	1.7	9
61	Planktonic and Biofilm Community Characterization and Salmonella Resistance of 14-Day-Old Chicken Cecal Microfloraâ€“Derived Continuous-Flow Culturesâ€. Journal of Food Protection, 2008, 71, 1981-1987.	1.7	9
62	Field Documentation of Unusual Post-Mortem Arthropod Activity on Human Remains. Journal of Medical Entomology, 2015, 52, 105-108.	1.8	9
63	Planktonic and Biofilm Communities from 7-Day-Old Chicken Cecal Microflora Cultures: Characterization and Resistance to Salmonella Colonization. Journal of Food Protection, 2009, 72, 1812-1820.	1.7	9
64	Differential Regulation of the Expression of Cytokine-Induced Neutrophil Chemoattractant by Mouse Macrophages. Pathobiology, 1998, 66, 24-32.	3.8	8
65	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
66	Improved Visualization ofAlphitobius diaperinus(Panzer) (Coleoptera: Tenebrionidae)â€”Part I: Morphological Features for Sex Determination of Multiple Stadia. Psyche: Journal of Entomology, 2012, 2012, 1-7.	0.9	7
67	Gene expression in <scp>Lucilia sericata</scp> (<scp>Diptera</scp>: <scp>Calliphoridae</scp>) larvae exposed to <scp>Pseudomonas aeruginosa</scp> and <scp>Acinetobacter baumannii</scp> identifies shared and microbeâ€specific induction of immune genes. Insect Molecular Biology, 2022, 31, 85-100.	2.0	6
68	Genome Sequence of a Proteus mirabilis Strain Isolated from the Salivary Glands of Larval Lucilia sericata. Genome Announcements, 2016, 4, .	0.8	5
69	Improved Visualization ofAlphitobius diaperinus(Panzer) (Coleoptera: Tenebrionidae)â€”Part II: Alimentary Canal Components and Measurements. Psyche: Journal of Entomology, 2012, 2012, 1-8.	0.9	4
70	Evaluation of Sterilized Artificial Diets for Mass Rearing the Lucilia sericata (Diptera: Calliphoridae). Journal of Medical Entomology, 2017, 54, 1122-1128.	1.8	4
71	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
72	Disinfectant and Antimicrobial Susceptibility Profiles of Salmonella Strains from Feedlot Water-Sprinkled Cattle: Hides and Feces. Journal of Food Chemistry and Nanotechnology, 2017, 03, .	0.3	4

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73	Characterization of Planktonic and Biofilm Communities of Day-of-Hatch Chicks Cecal Microflora and Their Resistance to Salmonella Colonizationâ€. Journal of Food Protection, 2009, 72, 959-965.	1.7	4
74	Regulation of Cytokine-Induced Neutrophil Chemoattractant in Rat Bone Marrow-Derived Macrophages by Inflammatory Mediators. Pathobiology, 1998, 66, 293-301.	3.8	3
75	Dereplication by Automated Ribotyping of a Competitive Exclusion Culture Bacterial Isolate Library. Journal of Food Protection, 2006, 69, 228-232.	1.7	3
76	Genome Sequence of a Providencia stuartii Strain Isolated from Lucilia sericata Salivary Glands. Genome Announcements, 2017, 5, .	0.8	3
77	Interactions of organic acids with vancomycinâ€resistant Enterococcus faecium isolated from community wastewater in Texas. Journal of Applied Microbiology, 2019, 126, 480-488.	3.1	3
78	Interactions of Organic Acids with Salmonella Strains from Feedlot Water-Sprinkled Cattle. Journal of Food Chemistry and Nanotechnology, 2017, 03, .	0.3	3
79	Antagonistic Effects of Lipids Against the Anti-Escherichia coli and Anti-Salmonella Activity of Thymol and Thymol-Î²-d-Glucopyranoside in Porcine Gut and Fecal Cultures In Vitro. Frontiers in Veterinary Science, 2021, 8, 751266.	2.2	2
80	Disinfectant and Antimicrobial Susceptibility Studies of Staphylococcus aureus Strains and ST398-MRSA and ST5-MRSA Strains from Swine Mandibular Lymph Node Tissue, Commercial Pork Sausage Meat and Swine Feces. Microorganisms, 2021, 9, 2401.	3.6	2
81	Bacterial Concentration and Diversity within Repetitive Aliquots Collected from Replicate Continuous-Flow Bioreactor Cultures. Open Microbiology Journal, 2008, 2, 60-65.	0.7	1
82	Adult Alphitobius diaperinus Microbial Community during Broiler Production and in Spent Litter after Stockpiling. Microorganisms, 2022, 10, 175.	3.6	1
83	Differential Carbon Utilization by Bacteria in the Soil Surrounding and on Swine Carcasses with Dipteran Access Delayed. Pure and Applied Geophysics, 2021, 178, 717-734.	1.9	0
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