

# Andreas Vilcinskas

## List of Publications by Year in descending order

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Version: 2024-02-01

298  
papers

14,807  
citations

20817

60  
h-index

28297

105  
g-index

312  
all docs

312  
docs citations

312  
times ranked

14169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combination of high-throughput microfluidics and FACS technologies to leverage the numbers game in natural product discovery. <i>Microbial Biotechnology</i> , 2022, 15, 415-430.	4.2	8
2	The biology and evolution of spider venoms. <i>Biological Reviews</i> , 2022, 97, 163-178.	10.4	42
3	The Discovery and Structure-Activity Evaluation of (+)-Floyocidin B and Synthetic Analogs. <i>ChemMedChem</i> , 2022, 17, .	3.2	5
4	Genome analysis suggests the bacterial family Acetobacteraceae is a source of undiscovered specialized metabolites. <i>Antonie Van Leeuwenhoek</i> , 2022, 115, 41-58.	1.7	8
5	<i>In Vitro</i> Evaluation of Antimicrobial Peptides from the Black Soldier Fly ( <i>Hermetia</i> ) Tj ETQq1 1 0.784314 $\mu$ g BT / Overlock 10 Tf 3.0 22	3.0	22
6	Antimicrobial, Insecticidal and Cytotoxic Activity of Linear Venom Peptides from the Pseudoscorpion <i>Chelifer cancrivorus</i> . <i>Toxins</i> , 2022, 14, 58.	3.4	15
7	Sequestration of Defenses against Predators Drives Specialized Host Plant Associations in Preadapted Milkweed Bugs (Heteroptera: Lygaeinae). <i>American Naturalist</i> , 2022, 199, E211-E228.	2.1	16
8	An engineered protein-based submicromolar competitive inhibitor of the <i>Staphylococcus aureus</i> virulence factor aureolysin. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 534-544.	4.1	5
9	Identification, Characterization, and Synthesis of Natural Parasitic Cysteine Protease Inhibitors: Pentacitidins Are More Potent Falcitidin Analogues. <i>ACS Chemical Biology</i> , 2022, 17, 576-589.	3.4	3
10	Genome-Mining-Guided Discovery and Characterization of the PKS-NRPS-Hybrid Polyoxypeperin Produced by a Marine-Derived Streptomycete. <i>Journal of Natural Products</i> , 2022, 85, 888-898.	3.0	8
11	<i>Agromyces archimandritae</i> sp. nov., isolated from the cockroach <i>Archimandrita tessellata</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	7
12	<i>Trichoderma</i> -Derived Pentapeptides from the Infected Nest Mycobiome of the Subterranean Termite <i>Coptotermes testaceus</i> . <i>ChemBioChem</i> , 2022, 23, .	2.6	3
13	Stingray Venom Proteins: Mechanisms of Action Revealed Using a Novel Network Pharmacology Approach. <i>Marine Drugs</i> , 2022, 20, 27.	4.6	6
14	Genomic and Chemical Decryption of the Bacteroidetes Phylum for Its Potential to Biosynthesize Natural Products. <i>Microbiology Spectrum</i> , 2022, 10, e0247921.	3.0	11
15	Isolation of <i>Hermetia illucens</i> larvae core gut microbiota by two different cultivation strategies. <i>Antonie Van Leeuwenhoek</i> , 2022, 115, 821-837.	1.7	4
16	Diet Fermentation Leads to Microbial Adaptation in Black Soldier Fly ( <i>Hermetia illucens</i> ; Linnaeus,) Tj ETQq0 0 0 $\mu$ g BT / Overlock 10 Tf 3.2 4	3.2	4
17	Venomomics of the Central European Myrmicine Ants <i>Myrmica rubra</i> and <i>Myrmica ruginodis</i> . <i>Toxins</i> , 2022, 14, 358.	3.4	6
18	Honeybee colonies compensate for pesticide-induced effects on royal jelly composition and brood survival with increased brood production. <i>Scientific Reports</i> , 2021, 11, 62.	3.3	17

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19	Elucidation of the MicroRNA Transcriptome in Western Corn Rootworm Reveals Its Dynamic and Evolutionary Complexity. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 800-814.	6.9	3
20	Complete Metamorphosis in <i>Manduca sexta</i> Involves Specific Changes in DNA Methylation Patterns. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	10
21	Cottonseed Press Cake as a Potential Diet for Industrially Farmed Black Soldier Fly Larvae Triggers Adaptations of Their Bacterial and Fungal Gut Microbiota. <i>Frontiers in Microbiology</i> , 2021, 12, 634503.	3.5	30
22	Exposure to low doses of pesticides induces an immune response and the production of nitric oxide in honeybees. <i>Scientific Reports</i> , 2021, 11, 6819.	3.3	15
23	Organization of the Structural Protein Region of La Jolla Virus Isolated from the Invasive Pest Insect <i>Drosophila suzukii</i> . <i>Viruses</i> , 2021, 13, 740.	3.3	5
24	Morphological Analysis Reveals a Compartmentalized Duct in the Venom Apparatus of the Wasp Spider ( <i>Argiope bruennichi</i> ). <i>Toxins</i> , 2021, 13, 270.	3.4	5
25	The European Map Butterfly <i>Araschnia levana</i> as a Model to Study the Molecular Basis and Evolutionary Ecology of Seasonal Polyphenism. <i>Insects</i> , 2021, 12, 325.	2.2	5
26	Tick defensin $\beta$ -core reduces <i>Fusarium graminearum</i> growth and abrogates mycotoxins production with high efficiency. <i>Scientific Reports</i> , 2021, 11, 7962.	3.3	8
27	Compelling Evidence for the Activity of Antiviral Peptides against SARS-CoV-2. <i>Viruses</i> , 2021, 13, 912.	3.3	16
28	Genomic analysis of novel <i>Yarrowia</i> -like yeast symbionts associated with the carrion-feeding burying beetle <i>Nicrophorus vespilloides</i> . <i>BMC Genomics</i> , 2021, 22, 323.	2.8	3
29	Next-Generation Sequencing Analysis of the <i>Tineola bisselliella</i> Larval Gut Transcriptome Reveals Candidate Enzymes for Keratin Digestion. <i>Genes</i> , 2021, 12, 1113.	2.4	3
30	Culture-Independent and Culture-Dependent Characterization of the Black Soldier Fly Gut Microbiome Reveals a Large Proportion of Culturable Bacteria with Potential for Industrial Applications. <i>Microorganisms</i> , 2021, 9, 1642.	3.6	23
31	Insect Collections as an Untapped Source of Bioactive Compounds—Fireflies (Coleoptera: Lampyridae) and Cardiotonic Steroids as a Proof of Concept. <i>Insects</i> , 2021, 12, 689.	2.2	9
32	Hexapod Assassins™ Potion: Venom Composition and Bioactivity from the Eurasian Assassin Bug <i>Rhynocoris iracundus</i> . <i>Biomedicines</i> , 2021, 9, 819.	3.2	5
33	Potent Activity of Hybrid Arthropod Antimicrobial Peptides Linked by Glycine Spacers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8919.	4.1	5
34	Novel Glycerophospholipid, Lipo- and N-acyl Amino Acids from Bacteroidetes: Isolation, Structure Elucidation and Bioactivity. <i>Molecules</i> , 2021, 26, 5195.	3.8	11
35	A Spider Toxin Exemplifies the Promises and Pitfalls of Cell-Free Protein Production for Venom Biodiscovery. <i>Toxins</i> , 2021, 13, 575.	3.4	3
36	Knockdown of Genes Involved in Transcription and Splicing Reveals Novel RNAi Targets for Pest Control. <i>Frontiers in Agronomy</i> , 2021, 3, .	3.3	2

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37	Mechanisms of transgenerational immune priming in insects. <i>Developmental and Comparative Immunology</i> , 2021, 124, 104205.	2.3	28
38	<i>Tribolium castaneum</i> defensin 1 kills <i>Moraxella catarrhalis</i> in an in vitro infection model but does not harm commensal bacteria. <i>Virulence</i> , 2021, 12, 1003-1010.	4.4	7
39	Draft Genome Sequence of <i>Rhodococcus rhodochrous</i> Strain G38GP, Isolated from the Madagascar Hissing Cockroach. <i>Microbiology Resource Announcements</i> , 2021, 10, e0077721.	0.6	1
40	The Cellular Innate Immune Response of the Invasive Pest Insect <i>Drosophila suzukii</i> against <i>Pseudomonas entomophila</i> Involves the Release of Extracellular Traps. <i>Cells</i> , 2021, 10, 3320.	4.1	7
41	Matrix metalloproteinases and their inhibitors – pleiotropic functions in insect immunity and metamorphosis. <i>FEBS Journal</i> , 2021, , .	4.7	6
42	Silencing of the <i>DNA methyltransferase 1 associated protein 1</i> ( <i>DMAP1</i> ) gene in the invasive ladybird <i>Harmonia axyridis</i> implies a role of the DNA methyltransferase – <i>DMAP1</i> complex in female fecundity. <i>Insect Molecular Biology</i> , 2020, 29, 148-159.	2.0	26
43	Inhibition of histone acetylation and deacetylation enzymes affects longevity, development, and fecundity in the pea aphid ( <i>Acyrtosiphon pisum</i> ). <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 103, e21614.	1.5	9
44	The unique antimicrobial peptide repertoire of stick insects. <i>Developmental and Comparative Immunology</i> , 2020, 103, 103471.	2.3	20
45	Larvae of the Clothing Moth <i>Tineola bisselliella</i> Maintain Gut Bacteria that Secrete Enzyme Cocktails to Facilitate the Digestion of Keratin. <i>Microorganisms</i> , 2020, 8, 1415.	3.6	4
46	Anthelmintic Activity of Assassin Bug Venom against the Blood Fluke <i>Schistosoma mansoni</i> . <i>Antibiotics</i> , 2020, 9, 664.	3.7	7
47	An Economic Dilemma between Molecular Weapon Systems May Explain an Arachno-Atypical Venom in Wasp Spiders ( <i>Argiope bruennichi</i> ). <i>Biomolecules</i> , 2020, 10, 978.	4.0	13
48	Defense of Milkweed Bugs (Heteroptera: Lygaeinae) against Predatory Lacewing Larvae Depends on Structural Differences of Sequestered Cardenolides. <i>Insects</i> , 2020, 11, 485.	2.2	9
49	Proteo-Transcriptomic Analysis Identifies Potential Novel Toxins Secreted by the Predatory, Prey-Piercing Ribbon Worm <i>Amphiporus lactifloreus</i> . <i>Marine Drugs</i> , 2020, 18, 407.	4.6	16
50	The Gram-Positive Bacterium <i>Leuconostoc pseudomesenteroides</i> Shows Insecticidal Activity against <i>Drosophilid</i> and <i>Aphid</i> Pests. <i>Insects</i> , 2020, 11, 471.	2.2	5
51	Bacteria associated with cockroaches: health risk or biotechnological opportunity?. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 10369-10387.	3.6	23
52	Context-dependent venom deployment and protein composition in two assassin bugs. <i>Ecology and Evolution</i> , 2020, 10, 9932-9947.	1.9	14
53	Molecular Networking-Guided Discovery and Characterization of Stechlisins, a Group of Cyclic Lipopeptides from a <i>Pseudomonas</i> sp.. <i>Journal of Natural Products</i> , 2020, 83, 2607-2617.	3.0	17
54	High-Throughput Cultivation for the Selective Isolation of Acidobacteria From Termite Nests. <i>Frontiers in Microbiology</i> , 2020, 11, 597628.	3.5	13

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55	European Medicinal Leechesâ€™ New Roles in Modern Medicine. <i>Biomedicines</i> , 2020, 8, 99.	3.2	13
56	ABC Transporter DerAB of <i>Lactobacillus casei</i> Mediates Resistance against Insect-Derived Defensins. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	3
57	Reprogramming of epigenetic mechanisms controlling host insect immunity and development in response to egg-laying by a parasitoid wasp. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200704.	2.6	10
58	The gut and feed residue microbiota changing during the rearing of <i>Hermetia illucens</i> larvae. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1323-1344.	1.7	33
59	Developmental and sexual divergence in the olfactory system of the marine insect <i>Clunio marinus</i> . <i>Scientific Reports</i> , 2020, 10, 2125.	3.3	7
60	MicroRNAs regulate innate immunity against uropathogenic and commensal-like <i>Escherichia coli</i> infections in the surrogate insect model <i>Galleria mellonella</i> . <i>Scientific Reports</i> , 2020, 10, 2570.	3.3	18
61	The insect antimicrobial peptide cecropin A disrupts uropathogenic <i>Escherichia coli</i> biofilms. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 6.	6.4	56
62	Enhanced genome assembly and a new official gene set for <i>Tribolium castaneum</i> . <i>BMC Genomics</i> , 2020, 21, 47.	2.8	84
63	Seasonal phenotypeâ€™specific expression of microRNAs during metamorphosis in the European map butterfly <i>Araschnia levana</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 104, e21657.	1.5	10
64	Antimicrobial Peptides from Rat-Tailed Maggots of the Drone Fly <i>Eristalis tenax</i> Show Potent Activity against Multidrug-Resistant Gram-Negative Bacteria. <i>Microorganisms</i> , 2020, 8, 626.	3.6	6
65	Lysine Acetyltransferase p300/CBP Plays an Important Role in Reproduction, Embryogenesis and Longevity of the Pea Aphid <i>Acyrtosiphon pisum</i> . <i>Insects</i> , 2020, 11, 265.	2.2	13
66	Proline-Rich Antimicrobial Peptides in Medicinal Maggots of <i>Lucilia sericata</i> Interact With Bacterial DnaK But Do Not Inhibit Protein Synthesis. <i>Frontiers in Pharmacology</i> , 2020, 11, 532.	3.5	16
67	Identification of entomopathogenic bacteria associated with the invasive pest <i>Drosophila suzukii</i> in infested areas of Germany. <i>Journal of Invertebrate Pathology</i> , 2020, 173, 107389.	3.2	13
68	<i>Insect Biotechnology</i> . , 2020, , 247-260.		0
69	Antibacterial activity of a <i>Tribolium castaneum</i> defensin in an in vitro infection model of <i>Moraxella Catarrhalis</i> . <i>Pneumologie</i> , 2020, 74, .	0.1	0
70	Evolutionary ecology of parasitic fungi and their host insects. <i>Fungal Ecology</i> , 2019, 38, 12-20.	1.6	16
71	Antibacterial and antifungal activity of defensins from the Australian paralysis tick, <i>Ixodes holocyclus</i> . <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 101269.	2.7	11
72	Sub-Lethal Doses of Clothianidin Inhibit the Conditioning and Biosensory Abilities of the Western Honeybee <i>Apis mellifera</i> . <i>Insects</i> , 2019, 10, 340.	2.2	11

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73	Promoter Activation in $\Delta$ hfq Mutants as an Efficient Tool for Specialized Metabolite Production Enabling Direct Bioactivity Testing. <i>Angewandte Chemie</i> , 2019, 131, 19133-19139.	2.0	16
74	Promoter Activation in $\Delta$ hfq Mutants as an Efficient Tool for Specialized Metabolite Production Enabling Direct Bioactivity Testing. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18957-18963.	13.8	40
75	Antibacterial activity of a <i>Tribolium castaneum</i> defensin in an <i>in vitro</i> infection model of <i>Streptococcus pneumoniae</i> . <i>Virulence</i> , 2019, 10, 902-909.	4.4	10
76	Phylogeny-Guided Selection of Priority Groups for Venom Bioprospecting: Harvesting Toxin Sequences in Tarantulas as a Case Study. <i>Toxins</i> , 2019, 11, 488.	3.4	20
77	Identification and Functional Characterization of a Novel Insecticidal Decapeptide from the Myrmicine Ant <i>Manica rubida</i> . <i>Toxins</i> , 2019, 11, 562.	3.4	19
78	Transgenerational epigenetic inheritance in insects. , 2019, , 315-329.		3
79	Antibiotic-Producing Beneficial Bacteria in the Gut of the Burying Beetle <i>Nicrophorus vespilloides</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1178.	3.5	33
80	The <i>Drosophila melanogaster</i> antimicrobial peptides Mtk-1 and Mtk-2 are active against the malarial parasite <i>Plasmodium falciparum</i> . <i>Parasitology Research</i> , 2019, 118, 1993-1998.	1.6	18
81	Insects in anthelmintics research: Lady beetle-derived harmonine affects survival, reproduction and stem cell proliferation of <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007240.	3.0	14
82	The taste of origin in a lady beetle: do males discriminate between females based on cuticular hydrocarbons?. <i>Physiological Entomology</i> , 2019, 44, 160-168.	1.5	1
83	Cuticular hydrocarbon composition does not allow <i>Harmonia axyridis</i> males to identify the mating status of sexual partners. <i>Entomologia Generalis</i> , 2019, 38, 211-224.	3.1	8
84	Symbiont-mediated chemical defense in the invasive ladybird <i>Harmonia axyridis</i> . <i>Ecology and Evolution</i> , 2019, 9, 1715-1729.	1.9	18
85	Transmission of a Protease-Secreting Bacterial Symbiont Among Pea Aphids via Host Plants. <i>Frontiers in Physiology</i> , 2019, 10, 438.	2.8	23
86	Pathogens associated with invasive or introduced insects threaten the health and diversity of native species. <i>Current Opinion in Insect Science</i> , 2019, 33, 43-48.	4.4	21
87	Proteomic Analysis of the Venom from the Ruby Ant <i>Myrmica rubra</i> and the Isolation of a Novel Insecticidal Decapeptide. <i>Insects</i> , 2019, 10, 42.	2.2	15
88	Epigenetic Mechanisms Are Involved in Sex-Specific Trans-Generational Immune Priming in the Lepidopteran Model Host <i>Manduca sexta</i> . <i>Frontiers in Physiology</i> , 2019, 10, 137.	2.8	41
89	Epigenetic mechanisms mediate the experimental evolution of resistance against parasitic fungi in the greater wax moth <i>Galleria mellonella</i> . <i>Scientific Reports</i> , 2019, 9, 1626.	3.3	22
90	Äktitelbild: Promoter Activation in $\Delta$ hfq Mutants as an Efficient Tool for Specialized Metabolite Production Enabling Direct Bioactivity Testing ( <i>Angew. Chem.</i> 52/2019). <i>Angewandte Chemie</i> , 2019, 131, 19288-19288.	2.0	0

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91	Proteo-Transcriptomic Characterization of the Venom from the Endoparasitoid Wasp <i>Pimpla turionellae</i> with Aspects on Its Biology and Evolution. <i>Toxins</i> , 2019, 11, 721.	3.4	18
92	The therapeutic potential of the insect metalloproteinase inhibitor against infections caused by <i>Pseudomonas aeruginosa</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 316-328.	2.4	16
93	Downstream processing of Cry4AaCter-induced inclusion bodies containing insect-derived antimicrobial peptides produced in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2019, 155, 120-129.	1.3	10
94	<i>Tribolium castaneum</i> as a whole animal screening system for the detection and characterization of neuroprotective substances. <i>Archives of Insect Biochemistry and Physiology</i> , 2019, 100, e21532.	1.5	6
95	RNAi targeting of rootworm Troponin I transcripts confers root protection in maize. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 104, 20-29.	2.7	18
96	Profiling antimicrobial peptides from the medical maggot <i>Lucilia sericata</i> as potential antibiotics for MDR Gram-negative bacteria. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 96-107.	3.0	36
97	<i>Insektenbiotechnologie</i> . , 2019, , 251-264.		0
98	<i>Entomobacter blattae</i> gen. nov., sp. nov., a new member of the Acetobacteraceae isolated from the gut of the cockroach <i>Gromphadorhina portentosa</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	1.7	19
99	Population-specific expression of antimicrobial peptides conferring pathogen resistance in the invasive ladybird <i>Harmonia axyridis</i> . <i>Scientific Reports</i> , 2018, 8, 3600.	3.3	22
100	Identification and characterization of natural viruses associated with the invasive insect pest <i>Drosophila suzukii</i> . <i>Journal of Invertebrate Pathology</i> , 2018, 154, 74-78.	3.2	12
101	Fitness costs of infection with <i>Serratia symbiotica</i> are associated with greater susceptibility to insecticides in the pea aphid <i>Acyrtosiphon pisum</i> . <i>Pest Management Science</i> , 2018, 74, 1829-1836.	3.4	52
102	Gene silencing in <i>Tribolium castaneum</i> as a tool for the targeted identification of candidate RNAi targets in crop pests. <i>Scientific Reports</i> , 2018, 8, 2061.	3.3	83
103	Antiplasmodial activity of tick defensins in a mouse model of malaria. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 844-849.	2.7	15
104	Burying beetles regulate the microbiome of carcasses and use it to transmit a core microbiota to their offspring. <i>Molecular Ecology</i> , 2018, 27, 1980-1991.	3.9	71
105	Environmentally sustainable pest control options for <i>Drosophila suzukii</i> . <i>Journal of Applied Entomology</i> , 2018, 142, 3-17.	1.8	72
106	Nutritional immunology: Diversification and diet-dependent expression of antimicrobial peptides in the black soldier fly <i>Hermetia illucens</i> . <i>Developmental and Comparative Immunology</i> , 2018, 78, 141-148.	2.3	195
107	The entomopathogenic fungus <i>Metarhizium robertsii</i> communicates with the insect host <i>Galleria mellonella</i> during infection. <i>Virulence</i> , 2018, 9, 402-413.	4.4	48
108	Cover Image, Volume 74, Issue 8. <i>Pest Management Science</i> , 2018, 74, i-i.	3.4	0

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109	The infection of <i>Harmonia axyridis</i> by a parasitic nematode is mediated by entomopathogenic bacteria and triggers sex-specific host immune responses. <i>Scientific Reports</i> , 2018, 8, 15938.	3.3	9
110	Biological Profiling of Coleopterins and Coleopterin-Like Antimicrobial Peptides from the Invasive Harlequin Ladybird <i>Harmonia axyridis</i> . <i>Advances in Experimental Medicine and Biology</i> , 2018, 1214, 43-59.	1.6	2
111	Microbiome-assisted carrion preservation aids larval development in a burying beetle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11274-11279.	7.1	91
112	Immunological larval polyphenism in the map butterfly <i>Araschnia levana</i> reveals the photoperiodic modulation of immunity. <i>Ecology and Evolution</i> , 2018, 8, 4891-4898.	1.9	5
113	microPIECE - microRNA pipeline enhanced by CLIP experiments. <i>Journal of Open Source Software</i> , 2018, 3, 616.	4.6	1
114	Urate Oxidase produced by <i>Lucilia sericata</i> medical maggots is localized in Malpighian tubes and facilitates allantoin production. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 83, 44-53.	2.7	16
115	Synergistic Efficacy of <i>Aedes aegypti</i> Antimicrobial Peptide Cecropin A2 and Tetracycline against <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	56
116	Svetamycins Aâ€“G, Unusual Piperazic Acid-Containing Peptides from <i>Streptomyces</i> sp.. <i>Journal of Organic Chemistry</i> , 2017, 82, 6032-6043.	3.2	41
117	The digestive and defensive basis of carcass utilization by the burying beetle and its microbiota. <i>Nature Communications</i> , 2017, 8, 15186.	12.8	112
118	Sustainable farming of the mealworm <i>Tenebrio molitor</i> for the production of food and feed. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2017, 72, 337-349.	1.4	112
119	Experimental evolution of resistance against <i>Bacillus thuringiensis</i> in the insect model host <i>Galleria mellonella</i> results in epigenetic modifications. <i>Virulence</i> , 2017, 8, 1618-1630.	4.4	52
120	Endogenous egg immune defenses in the yellow mealworm beetle ( <i>Tenebrio molitor</i> ). <i>Developmental and Comparative Immunology</i> , 2017, 70, 1-8.	2.3	24
121	The Impact of Parasites on Host Insect Epigenetics. <i>Advances in Insect Physiology</i> , 2017, 53, 145-165.	2.7	46
122	Evaluating the combination of a parasitoid and a predator for biological control of seed beetles ( <i>Chrysomelidae: Bruchinae</i> ) in stored beans. <i>Journal of Stored Products Research</i> , 2017, 74, 22-26.	2.6	17
123	The selective antifungal activity of <i>Drosophila melanogaster metchnikowin</i> reflects the species-dependent inhibition of succinateâ€“coenzyme Q reductase. <i>Scientific Reports</i> , 2017, 7, 8192.	3.3	27
124	Strategies for the construction of insect P450 fusion enzymes. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2017, 72, 405-415.	1.4	4
125	Temporal dynamics of whole body residues of the neonicotinoid insecticide imidacloprid in live or dead honeybees. <i>Scientific Reports</i> , 2017, 7, 6288.	3.3	16
126	Analysis of virus susceptibility in the invasive insect pest <i>Drosophila suzukii</i> . <i>Journal of Invertebrate Pathology</i> , 2017, 148, 138-141.	3.2	17



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127	The insect-derived antimicrobial peptide metchnikowin targets <i>Fusarium graminearum</i> (1,3)glucanoyltransferase Gel1, which is required for the maintenance of cell wall integrity. <i>Biological Chemistry</i> , 2017, 398, 491-498.	2.5	25
128	Comparative transcriptomics in three ladybird species supports a role for immunity in invasion biology. <i>Developmental and Comparative Immunology</i> , 2017, 67, 452-456.	2.3	27
129	Knockdown of genes in the Toll pathway reveals new lethal RNA interference targets for insect pest control. <i>Insect Molecular Biology</i> , 2017, 26, 92-102.	2.0	28
130	Heat shock protein 83 plays pleiotropic roles in embryogenesis, longevity, and fecundity of the pea aphid <i>Acyrtosiphon pisum</i> . <i>Development Genes and Evolution</i> , 2017, 227, 1-9.	0.9	45
131	In Vitro Antimicrobial Efficacy of Tobramycin Against <i>Staphylococcus aureus</i> Biofilms in Combination With or Without DNase I and/or Dispersin B: A Preliminary Investigation. <i>Microbial Drug Resistance</i> , 2017, 23, 384-390.	2.0	35
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