

Marta Nesvorna

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,383
citations

331259

21
h-index

414034

32
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66
all docs

66
docs citations

66
times ranked

1236
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Residual Pesticide Application on Microbiomes of the Storage Mite <i>Tyrophagus putrescentiae</i> . <i>Microbial Ecology</i> , 2023, 85, 1527-1540.	1.4	3
2	The Negative Effects of Feces-Associated Microorganisms on the Fitness of the Stored Product Mite <i>Tyrophagus putrescentiae</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 756286.	1.5	2
3	Sensitivity of polyphagous (<i>Plodia interpunctella</i>) and stenophagous (<i>Ephestia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 <i>Science</i> , 2021, 28, 1734-1744.	1.5	7
4	A scientific note on the comparison of PCR based quantification methods of <i>Melissococcus plutonius</i> in honey bees. <i>Journal of Apicultural Research</i> , 2021, 60, 255-259.	0.7	4
5	Microbial Communities of Stored Product Mites: Variation by Species and Population. <i>Microbial Ecology</i> , 2021, 81, 506-522.	1.4	12
6	Microbiome variation during culture growth of the European house dust mite, <i>Dermatophagoides pteronyssinus</i> . <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	10
7	<i>Cardinium</i> inhibits <i>Wolbachia</i> in its mite host, <i>Tyrophagus putrescentiae</i> , and affects host fitness. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	9
8	Label-free proteomic analysis reveals differentially expressed <i>Wolbachia</i> proteins in <i>Tyrophagus putrescentiae</i> : Mite allergens and markers reflecting population-related proteome differences. <i>Journal of Proteomics</i> , 2021, 249, 104356.	1.2	10
9	Interactions of the Intracellular Bacterium <i>Cardinium</i> with Its Host, the House Dust Mite <i>Dermatophagoides farinae</i> , Based on Gene Expression Data. <i>MSystems</i> , 2021, 6, e0091621.	1.7	7
10	Do the microorganisms from laboratory culture spent growth medium affect house dust mite fitness and microbiome composition?. <i>Insect Science</i> , 2020, 27, 266-275.	1.5	8
11	Detection and quantification of <i>Melissococcus plutonius</i> in honey bee workers exposed to European foulbrood in Czechia through conventional PCR, qPCR, and barcode sequencing. <i>Journal of Apicultural Research</i> , 2020, 59, 503-514.	0.7	12
12	<i>Cardinium</i> and <i>Wolbachia</i> are negatively correlated in the microbiome of various populations of stored product mite <i>Tyrophagus putrescentiae</i> . <i>International Journal of Acarology</i> , 2020, 46, 192-199.	0.3	4
13	The Mite <i>Tyrophagus putrescentiae</i> Hosts Population-Specific Microbiomes That Respond Weakly to Starvation. <i>Microbial Ecology</i> , 2019, 77, 488-501.	1.4	15
14	Dynamics of the microbial community during growth of the house dust mite <i>Dermatophagoides farinae</i> in culture. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	17
15	Differential allergen expression in three <i>Tyrophagus putrescentiae</i> strains inhabited by distinct microbiome. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2502-2507.	2.7	19
16	Feeding Interactions Between Microorganisms and the House Dust Mites <i>Dermatophagoides pteronyssinus</i> and <i>Dermatophagoides farinae</i> (Astigmata: Pyroglyphidae). <i>Journal of Medical Entomology</i> , 2019, 56, 1669-1677.	0.9	18
17	Detection of tau-fluvalinate resistance in the mite <i>Varroa destructor</i> based on the comparison of vial test and PCR-RFLP of <i>kdr</i> mutation in sodium channel gene. <i>Experimental and Applied Acarology</i> , 2019, 77, 161-171.	0.7	23
18	Population and Culture Age Influence the Microbiome Profiles of House Dust Mites. <i>Microbial Ecology</i> , 2019, 77, 1048-1066.	1.4	28

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19	Spatio-temporal dynamics of <i>Varroa destructor</i> resistance to tau-fluvalinate in Czechia, associated with L925V sodium channel point mutation. <i>Pest Management Science</i> , 2019, 75, 1287-1294.	1.7	16
20	Two Populations of Mites (<i>Tyrophagus putrescentiae</i>) Differ in Response to Feeding on Feces-Containing Diets. <i>Frontiers in Microbiology</i> , 2018, 9, 2590.	1.5	18
21	Experimental Manipulation Shows a Greater Influence of Population than Dietary Perturbation on the Microbiome of <i>Tyrophagus putrescentiae</i> . <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	17
22	Comparison of bacterial microbiota of the predatory mite <i>Neoseiulus cucumeris</i> (Acari: Phytoseiidae) and its factitious prey <i>Tyrophagus putrescentiae</i> (Acari: Acaridae). <i>Scientific Reports</i> , 2017, 7, 2.	1.6	126
23	Comparison of Microbiomes between Red Poultry Mite Populations (<i>Dermanyssus gallinae</i>): Predominance of Bartonella-like Bacteria. <i>Microbial Ecology</i> , 2017, 74, 947-960.	1.4	51
24	Honeybee (<i>Apis mellifera</i>)-associated bacterial community affected by American foulbrood: detection of <i>Paenibacillus</i> larvae via microbiome analysis. <i>Scientific Reports</i> , 2017, 7, 5084.	1.6	58
25	Comparison of the resistance of mono- and multilayer packaging films to stored-product insects in a laboratory test. <i>Food Control</i> , 2017, 73, 566-573.	2.8	22
26	Changes in the Bacteriome of Honey Bees Associated with the Parasite <i>Varroa destructor</i> , and Pathogens <i>Nosema</i> and <i>Lotmaria passim</i> . <i>Microbial Ecology</i> , 2017, 73, 685-698.	1.4	55
27	Bacterial community associated with worker honeybees (<i>Apis mellifera</i>) affected by European foulbrood. <i>PeerJ</i> , 2017, 5, e3816.	0.9	50
28	Populations of Stored Product Mite <i>Tyrophagus putrescentiae</i> Differ in Their Bacterial Communities. <i>Frontiers in Microbiology</i> , 2016, 7, 1046.	1.5	43
29	Differences in the Bacterial Community of Laboratory and Wild Populations of the Predatory Mite <i>Cheyletus eruditus</i> (Acarina: Cheyletidae) and Bacteria Transmission From Its Prey <i>Acarus siro</i> (Acari: Acaridae). <i>Journal of Economic Entomology</i> , 2016, 109, 1450-1457.	0.8	8
30	Comparison of <i>Varroa destructor</i> and Worker Honeybee Microbiota Within Hives Indicates Shared Bacteria. <i>Microbial Ecology</i> , 2016, 72, 448-459.	1.4	26
31	Assessment of Bacterial Communities in Thirteen Species of Laboratory-Cultured Domestic Mites (Acari: Acaridida). <i>Journal of Economic Entomology</i> , 2016, 109, 1887-1896.	0.8	32
32	Detection and localization of Solitalea-like and Cardinium bacteria in three <i>Acarus siro</i> populations (Astigmata: Acaridae). <i>Experimental and Applied Acarology</i> , 2016, 70, 309-327.	0.7	17
33	Comparison of tau-fluvalinate, acrinathrin, and amitraz effects on susceptible and resistant populations of <i>Varroa destructor</i> in a vial test. <i>Experimental and Applied Acarology</i> , 2016, 69, 1-9.	0.7	54
34	Prevalence of pathogenic bacteria in <i>Ixodes ricinus</i> ticks in Central Bohemia. <i>Experimental and Applied Acarology</i> , 2016, 68, 127-137.	0.7	11
35	Bacteria detected in the honeybee parasitic mite <i>Varroa destructor</i> collected from beehive winter debris. <i>Journal of Applied Microbiology</i> , 2015, 119, 640-654.	1.4	37
36	<i>Carpoglyphus lactis</i> (Acari: Astigmata) from various dried fruits differed in associated micro-organisms. <i>Journal of Applied Microbiology</i> , 2015, 118, 470-484.	1.4	18

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37	Stored product mites (Acari: Astigmata) infesting food in various types of packaging. <i>Experimental and Applied Acarology</i> , 2015, 65, 237-242.	0.7	9
38	The Effect of Antibiotics on Associated Bacterial Community of Stored Product Mites. <i>PLoS ONE</i> , 2014, 9, e112919.	1.1	33
39	The effect of <i>Tyrophagus putrescentiae</i> on <i>Fusarium poae</i> transmission and fungal community in stored barley in a laboratory experiment. <i>Insect Science</i> , 2014, 21, 65-73.	1.5	12
40	Effect of diatomaceous earth-treated wheat on population growth of stored product mites under laboratory test. <i>International Journal of Acarology</i> , 2014, 40, 269-273.	0.3	8
41	Growth-suppressive effect of the α -amylase inhibitor of <i>Triticum aestivum</i> on stored-product mites varies by the species and type of diet. <i>Experimental and Applied Acarology</i> , 2014, 62, 57-65.	0.7	3
42	Point mutations in the sodium channel gene conferring tau-fluvalinate resistance in <i>Varroa destructor</i> . <i>Pest Management Science</i> , 2014, 70, 889-894.	1.7	42
43	Comparison of the effect of insecticides on three strains of <i>Tyrophagus putrescentiae</i> (Acari: Tj ETQq1 1 0.784314 rgBT / 1138-1144.	1.7	8
44	Bartonella-like bacteria carried by domestic mite species. <i>Experimental and Applied Acarology</i> , 2014, 64, 21-32.	0.7	33
45	DISEASES OF PREY MITES USED FOR MASS REARING PREDATORY MITES. <i>Acta Horticulturae</i> , 2014, , 177-185.	0.1	5
46	The effect of stored barley cultivars, temperature and humidity on population increase of <i>Acarus siro</i> , <i>Lepidoglyphus destructor</i> and <i>Tyrophagus putrescentiae</i> . <i>Experimental and Applied Acarology</i> , 2013, 60, 241-252.	0.7	19
47	<i>Cardinium</i> endosymbionts are widespread in synanthropic mite species (Acari: Astigmata). <i>Journal of Invertebrate Pathology</i> , 2013, 112, 20-23.	1.5	23
48	<i>Acarus siro</i> and <i>Tyrophagus putrescentiae</i> (Acari: Acarididae) transfer of <i>Fusarium culmorum</i> into germinated barley increases mycotoxin deoxynivalenol content in barley under laboratory conditions. <i>International Journal of Acarology</i> , 2013, 39, 235-238.	0.3	4
49	The toxic effect of chitosan/metal-impregnated textile to synanthropic mites. <i>Pest Management Science</i> , 2013, 69, 722-726.	1.7	12
50	A laboratory comparison of the effect of acetone-diluted chlorfenapyr standards with a commercial suspension formulation on four domestic mites (ACARI: Astigmata). <i>International Journal of Acarology</i> , 2013, 39, 649-652.	0.3	5
51	Detection and Identification of Species-Specific Bacteria Associated with Synanthropic Mites. <i>Microbial Ecology</i> , 2012, 63, 919-928.	1.4	65
52	Suitability of a range of <i>Fusarium</i> species to sustain populations of three stored product mite species (Acari: Astigmata). <i>Journal of Stored Products Research</i> , 2012, 48, 37-45.	1.2	19
53	Shift of Bacterial Community in Synanthropic Mite <i>Tyrophagus putrescentiae</i> Induced by <i>Fusarium</i> Fungal Diet. <i>PLoS ONE</i> , 2012, 7, e48429.	1.1	19
54	Emerging risk of infestation and contamination of dried fruits by mites in the Czech Republic. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 1129-1135.	1.1	24

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55	Long-term pre-exposure of the pest mite <i>Tyrophagus putrescentiae</i> to sub-lethal residues of bifenthrin on rapeseed did not affect its susceptibility to bifenthrin. <i>Crop Protection</i> , 2011, 30, 1227-1232.	1.0	4
56	The toxicity of selected acaricides against five stored product mites under laboratory assay. <i>Journal of Pest Science</i> , 2011, 84, 387-391.	1.9	13
57	Efficacy of selected pesticides against synanthropic mites under laboratory assay. <i>Pest Management Science</i> , 2011, 67, 446-457.	1.7	25
58	The Influence of Environmental Temperature and Humidity on Temporal Decomposition of Cockroach Allergens Bla g 1 and Bla g 2 in Feces. <i>Journal of Medical Entomology</i> , 2010, 47, 1062-1070.	0.9	10
59	Temperature Preference and Respiration of Acaridid Mites. <i>Journal of Economic Entomology</i> , 2010, 103, 2249-2257.	0.8	16
60	The efficacy of sieving, filth flotation and Tullgren heat extraction for detecting various developmental stages of <i>Tribolium castaneum</i> and <i>Ephestia kuehniella</i> in samples of wheat grain, flour and semolina. <i>Journal of Stored Products Research</i> , 2009, 45, 279-288.	1.2	10
61	The importance of starch and sucrose digestion in nutritive biology of synanthropic acaridid mites: α -Amylases and α -Glucosidases are suitable targets for inhibitor-based strategies of mite control. <i>Archives of Insect Biochemistry and Physiology</i> , 2009, 71, 139-158.	0.6	23
62	<i>Bacillus thuringiensis</i> var. <i>tenebrionis</i> control of synanthropic mites (Acari: Acaridida) under laboratory conditions. <i>Experimental and Applied Acarology</i> , 2009, 49, 339-346.	0.7	32
63	Differential levels of mite infestation of wheat and barley in Czech grain stores. <i>Insect Science</i> , 2009, 16, 255-262.	1.5	17
64	Acaricidal effects of natural six-carbon and nine-carbon aldehydes on stored-product mites. <i>Experimental and Applied Acarology</i> , 2008, 44, 315-321.	0.7	14
65	Effects of metabolic inhibitors on activity of Cry1Ab toxin to inhibit growth of <i>Ephestia kuehniella</i> larvae. <i>Pest Management Science</i> , 2008, 64, 1063-1068.	1.7	9