

Gary R Bauchan

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130
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136
ext. papers

2,933
ext. citations

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L-index

#	Paper	IF	Citations
130	feeds primarily on honey bee fat body tissue and not hemolymph. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1792-1801	11.5	219
129	Characterization of Two Species of Trypanosomatidae from the Honey Bee <i>Apis mellifera</i> : <i>Crithidia mellifica</i> Langridge and McGhee, and <i>Lotmaria passim</i> n. gen., n. sp. <i>Journal of Eukaryotic Microbiology</i> , 2015 , 62, 567-83	3.6	108
128	Genetic Mapping of Biomass Production in Tetraploid Alfalfa. <i>Crop Science</i> , 2007 , 47, 1-10	2.4	97
127	Superoxide anion and hydrogen peroxide in the yeast antagonist-fruit interaction: A new role for reactive oxygen species in postharvest biocontrol?. <i>Postharvest Biology and Technology</i> , 2010 , 58, 194-202	6.2	96
126	<i>Brevipalpus phoenicis</i> (Geijskes) species complex (Acari: Tenuipalpidae)--a closer look. <i>Zootaxa</i> , 2015 , 3944, 1-67	0.5	72
125	Role of curli and cellulose expression in adherence of <i>Escherichia coli</i> O157:H7 to spinach leaves. <i>Foodborne Pathogens and Disease</i> , 2012 , 9, 160-7	3.8	70
124	Enhanced inactivation of <i>Salmonella</i> and <i>Pseudomonas</i> biofilms on stainless steel by use of T-128, a fresh-produce washing aid, in chlorinated wash solutions. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 6789-98	4.8	65
123	Triple-acting Lytic Enzyme Treatment of Drug-Resistant and Intracellular <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2016 , 6, 25063	4.9	61
122	A Core Collection for the United States Annual <i>Medicago</i> Germplasm Collection. <i>Crop Science</i> , 1994 , 34, 279-285	2.4	56
121	Role Bending: Complex Relationships Between Viruses, Hosts, and Vectors Related to Citrus Leprosis, an Emerging Disease. <i>Phytopathology</i> , 2015 , 105, 1013-25	3.8	54
120	ICTV Virus Taxonomy Profile: Baculoviridae. <i>Journal of General Virology</i> , 2018 , 99, 1185-1186	4.9	54
119	Genetic Mapping Forage Yield, Plant Height, and Regrowth at Multiple Harvests in Tetraploid Alfalfa (<i>Medicago sativa</i> L.). <i>Crop Science</i> , 2007 , 47, 11-18	2.4	48
118	Comprehensive phylogeny of acariform mites (Acariformes) provides insights on the origin of the four-legged mites (Eriophyoidea), a long branch. <i>Molecular Phylogenetics and Evolution</i> , 2018 , 119, 105-117	4.7	46
117	North American Lauraceae: terpenoid emissions, relative attraction and boring preferences of redbay ambrosia beetle, <i>Xyleborus glabratus</i> (coleoptera: curculionidae: scolytinae). <i>PLoS ONE</i> , 2014 , 9, e102086	3.7	46
116	<i>Spinacia oleracea</i> L. leaf stomata harboring <i>Cryptosporidium parvum</i> oocysts: a potential threat to food safety. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 555-9	4.8	45
115	Immunoenhancing effects of Montanide ISA oil-based adjuvants on recombinant coccidia antigen vaccination against <i>Eimeria acervulina</i> infection. <i>Veterinary Parasitology</i> , 2010 , 172, 221-8	2.8	43
114	<i>Ecopaene</i> is an attractant, synergistic with quercivorol, for improved detection of <i>Euwallacea nr. fornicatus</i> (Coleoptera: Curculionidae: Scolytinae). <i>PLoS ONE</i> , 2017 , 12, e0179416	3.7	39

113	Ectopic expression of AtPAD4 broadens resistance of soybean to soybean cyst and root-knot nematodes. <i>BMC Plant Biology</i> , 2013 , 13, 67	5.3	39
112	Effect of spinach cultivar and bacterial adherence factors on survival of Escherichia coli O157:H7 on spinach leaves. <i>Journal of Food Protection</i> , 2013 , 76, 1829-37	2.5	37
111	A new genus and species of Nematalycidae (Acari: Endeostigmata). <i>Journal of Natural History</i> , 2014 , 48, 1359-1373	0.5	35
110	Mutation of a chloroplast-targeting signal in Alternanthera mosaic virus TGB3 impairs cell-to-cell movement and eliminates long-distance virus movement. <i>Journal of General Virology</i> , 2010 , 91, 2102-2115	4.9	33
109	Fabrication of biomimetically patterned surfaces and their application to probing plant-bacteria interactions. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 12467-78	9.5	32
108	Infectivity of Cryptosporidium parvum oocysts after storage of experimentally contaminated apples. <i>Journal of Food Protection</i> , 2010 , 73, 1824-9	2.5	30
107	Identification and utilization of a sow thistle powdery mildew as a poorly adapted pathogen to dissect post-invasion non-host resistance mechanisms in Arabidopsis. <i>Journal of Experimental Botany</i> , 2011 , 62, 2117-29	7	29
106	Proliferation of Escherichia coli O157:H7 in Soil-Substitute and Hydroponic Microgreen Production Systems. <i>Journal of Food Protection</i> , 2015 , 78, 1785-90	2.5	28
105	Insights into Alternanthera mosaic virus TGB3 Functions: Interactions with Nicotiana benthamiana PsbO Correlate with Chloroplast Vesiculation and Veinal Necrosis Caused by TGB3 Over-Expression. <i>Frontiers in Plant Science</i> , 2013 , 4, 5	6.2	28
104	Trachymolgus purpureus sp. n., an armored snout mite (Acari, Bdellidae) from the Ozark highlands: morphology, development, and key to Trachymolgus Berlese. <i>ZooKeys</i> , 2011 , 1-34	1.2	28
103	Development of Metal-Organic Framework for Gaseous Plant Hormone Encapsulation To Manage Ripening of Climacteric Produce. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 5164-70	5.7	27
102	Drought responses of foliar metabolites in three maize hybrids differing in water stress tolerance. <i>PLoS ONE</i> , 2013 , 8, e77145	3.7	26
101	Apical blebs on sperm storage tubule epithelial cell microvilli: their release and interaction with resident sperm in the turkey hen oviduct. <i>Theriogenology</i> , 2015 , 83, 1438-44	2.8	25
100	Ralstonia insidiosa serves as bridges in biofilm formation by foodborne pathogens Listeria monocytogenes, Salmonella enterica, and Enterohemorrhagic Escherichia coli. <i>Food Control</i> , 2016 , 65, 14-20	6.2	25
99	The role of eriophyoids in fungal pathogen epidemiology, mere association or true interaction?. <i>Experimental and Applied Acarology</i> , 2010 , 51, 191-204	2.1	24
98	Effects of environmental parameters on the dual-species biofilms formed by Escherichia coli O157:H7 and Ralstonia insidiosa, a strong biofilm producer isolated from a fresh-cut produce processing plant. <i>Journal of Food Protection</i> , 2015 , 78, 121-7	2.5	23
97	Tenuipalpidae (Acari: Trombidiformes) from Casuarinaceae (Fagales). <i>Zootaxa</i> , 2014 , 3778, 1, 3-157	0.5	22
96	Sources of Resistance to Anthracnose in the Annual Medicago Core Collection. <i>Plant Disease</i> , 2000 , 84, 261-267	1.5	22

95	Immunopathology and cytokine responses in commercial broiler chickens with gangrenous dermatitis. <i>Avian Pathology</i> , 2010 , 39, 255-64	2.4	21
94	Antibacterial Activity of Cinnamaldehyde and Sporan against Escherichia coli O157:H7 and Salmonella. <i>Journal of Food Processing and Preservation</i> , 2014 , 38, 749-757	2.1	19
93	Reinstatement of the genus Colopalpus Pritchard and Baker (1958) and re-description of Colopalpus matthyssei Pritchard and Baker (1958), the type species of the genus (Acari, Tenuipalpidae). <i>International Journal of Acarology</i> , 2015 , 41, 310-328	0.6	18
92	Wound responses of wild apples suggest multiple resistance mechanism against blue mold decay. <i>Postharvest Biology and Technology</i> , 2016 , 117, 132-140	6.2	17
91	Chromosome numbers of the Medicago sativa complex in Turkey. <i>Canadian Journal of Botany</i> , 1984 , 62, 749-752		17
90	Role of Extracellular Structures of Escherichia coli O157:H7 in Initial Attachment to Biotic and Abiotic Surfaces. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 4720-7	4.8	16
89	Functional analysis of tomato calmodulin gene family during fruit development and ripening. <i>Horticulture Research</i> , 2014 , 1, 14057	7.7	15
88	Accumulation of zinc and cadmium and localization of zinc in Picris divaricata Vant.. <i>Environmental and Experimental Botany</i> , 2013 , 87, 1-9	5.9	15
87	The Operophtera brumata Nucleopolyhedrovirus (OpbuNPV) Represents an Early, Divergent Lineage within Genus Alphabaculovirus. <i>Viruses</i> , 2017 , 9,	6.2	15
86	Reactions in the Annual Medicago spp. Core Germ Plasm Collection to Phoma medicaginis. <i>Plant Disease</i> , 2003 , 87, 557-562	1.5	15
85	New species of Daidalotarsonemus and Excelsotarsonemus (Acari, Tarsonemidae) from the Brazilian rainforest. <i>ZooKeys</i> , 2015 , 1-36	1.2	14
84	A Multi-Microscopy Approach to Discover the Feeding Site and Host Tissue Consumed by Varroa destructor on Host Honey Bees. <i>Microscopy and Microanalysis</i> , 2018 , 24, 1258-1259	0.5	14
83	The Genus Medicago and the Origin of the Medicago sativa Comp. <i>Agronomy</i> , 2015 , 93-124	0.8	14
82	Blistering1 Modulates Virulence Via Vesicle-mediated Protein Secretion. <i>Molecular and Cellular Proteomics</i> , 2020 , 19, 344-361	7.6	13
81	Beech leaf disease symptoms caused by newly recognized nematode subspecies Litylenchus crenatae mccannii (Anguinata) described from Fagus grandifolia in North America. <i>Forest Pathology</i> , 2020 , 50, e12580	1.2	13
80	Genetic transformation of Fusarium oxysporum f.sp. gladioli with Agrobacterium to study pathogenesis in Gladiolus. <i>European Journal of Plant Pathology</i> , 2012 , 133, 729-738	2.1	13
79	Inhibition of Escherichia coli O157:H7 and Salmonella enterica virulence factors by benzyl isothiocyanate. <i>Food Microbiology</i> , 2020 , 86, 103303	6	13
78	Expression of a synthetic antimicrobial peptide, D4E1, in Gladiolus plants for resistance to Fusarium oxysporum f. sp. gladioli. <i>Plant Cell, Tissue and Organ Culture</i> , 2015 , 121, 459-467	2.7	12

77	Ralstonia insidiosa induces cell aggregation of Listeria monocytogenes. <i>Food Control</i> , 2016 , 67, 303-309	6.2	12
76	Definition of Tenuipalpus sensu stricto (Acari, Tenuipalpidae), with redescription of Tenuipalpus caudatus (Dugès) and description of a new species from Costa Rica. <i>International Journal of Acarology</i> , 2016 , 42, 106-126	0.6	12
75	On the eyes of male coffee berry borers as rudimentary organs. <i>PLoS ONE</i> , 2014 , 9, e85860	3.7	12
74	Antimicrobial Activity of Bacteriophage Endolysin Produced in Nicotiana benthamiana Plants. <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 160-70	3.3	12
73	The Complete Genome Sequence of a Second Distinct Betabaculovirus from the True Armyworm, Mythimna unipuncta. <i>PLoS ONE</i> , 2017 , 12, e0170510	3.7	11
72	Visualizing pathogen internalization pathways in fresh tomatoes using MicroCT and confocal laser scanning microscopy. <i>Food Control</i> , 2018 , 85, 276-282	6.2	11
71	Catalogue of snout mites (Acariformes: Bdellidae) of the world. <i>Zootaxa</i> , 2016 , 4152, 1-83	0.5	11
70	Aggregative adherence fimbriae I (AAF/I) mediate colonization of fresh produce and abiotic surface by Shiga toxin-producing enteroaggregative Escherichia coli O104:H4. <i>International Journal of Food Microbiology</i> , 2016 , 229, 44-51	5.8	11
69	Distribution and Characterization of Heterochromatic DNA in the Tetraploid African Population Alfalfa Genome. <i>Crop Science</i> , 2001 , 41, 1921-1926	2.4	11
68	Seed Treatment with Ethanol Extract of Serratia marcescens is Compatible with Trichoderma Isolates for Control of Damping-off of Cucumber Caused by Pythium ultimum. <i>Plant Disease</i> , 2016 , 100, 1278-1287	1.5	10
67	A new species of the genus Eutrombicula Ewing, 1938 (Trombidiformes: Trombiculidae) and new records for the species Eutrombicula batatas (Linnaeus, 1758) in Brazil. <i>Acarologia</i> , 2018 , 58, 976-986	0.7	10
66	Comparison of helper component-protease RNA silencing suppression activity, subcellular localization, and aggregation of three Korean isolates of Turnip mosaic virus. <i>Virus Genes</i> , 2016 , 52, 592-603	2.3	9
65	Adhesive-tape recovery combined with molecular and microscopic testing for the detection of Cryptosporidium oocysts on experimentally contaminated fresh produce and a food preparation surface. <i>Parasitology Research</i> , 2013 , 112, 1567-74	2.4	9
64	Neuronal projections from the Haller's organ and palp sensilla to the synganglion of Amblyomma americanum. <i>Brazilian Journal of Veterinary Parasitology</i> , 2016 , 25, 217-24	1.3	9
63	The complete genome sequence of a third distinct baculovirus isolated from the true armyworm, Mythimna unipuncta, contains two copies of the lef-7 gene. <i>Virus Genes</i> , 2018 , 54, 297-310	2.3	9
62	Supplementary description of Novophytoptus stipae Keifer 1962 (Acariformes, Eriophyoidea) with LT-SEM observation on mites from putatively conspecific populations: cryptic speciation or polyphagy of novophytoptines on phylogenetically remote hosts?. <i>Systematic and Applied Acarology</i> , 2017 , 22, 253	0.8	8
61	Dermatitis in humans caused by Ornithonyssus bursa (Berlese 1888) (Mesostigmata: Macronyssidae) and new records from Brazil. <i>Brazilian Journal of Veterinary Parasitology</i> , 2019 , 28, 134-139	1.3	8
60	A new species of Tenuipalpus sensu stricto (Acari: Tenuipalpidae) from Brazil, with ontogeny and a key to the known species. <i>Zootaxa</i> , 2016 , 4088, 355-78	0.5	8

59	The effect of biobased plastic resins containing chicken feather fibers on the growth and flowering of <i>Begonia boliviensis</i> . <i>Horticulture Environment and Biotechnology</i> , 2012 , 53, 81-91	2	8
58	Cytomixis in <i>Agropyron cristatum</i> . <i>Genome</i> , 1987 , 29, 765-769	2.4	8
57	The role of the integument with respect to different modes of locomotion in the Nematolycidae (Endeostigmata). <i>Experimental and Applied Acarology</i> , 2015 , 65, 149-61	2.1	7
56	Physical and chemical properties of biobased plastic resins containing chicken feather fibers. <i>Horticulture Environment and Biotechnology</i> , 2012 , 53, 72-80	2	7
55	Immunolocalization of flag and flagellin within the ventral disk in trophozoites of <i>Giardia duodenalis</i> using multiplex laser scanning confocal microscopy. <i>Parasitology Research</i> , 2012 , 111, 241-8	2.4	7
54	Ploidy reduction in blackberry. <i>Euphytica</i> , 1998 , 99, 57-73	2.1	7
53	Facile and template-free solvothermal synthesis of mesoporous/macroporous metal-organic framework nanosheets. <i>RSC Advances</i> , 2018 , 8, 33059-33064	3.7	7
52	A novel fluid-feeding mechanism for microbivory in the Acariformes (Arachnida: Acari). <i>Arthropod Structure and Development</i> , 2015 , 44, 313-25	1.8	6
51	A rudimentary sheath for the smallest of biting chelicerae: the mouthparts of <i>Cunliffea</i> (Nematolycidae) and a new hypothesis on the origin of the stylet sheath of Eriophyoidea (Acariformes). <i>International Journal of Acarology</i> , 2018 , 44, 374-381	0.6	6
50	Confirmation of hybrid origin of <i>Cyrtanthus</i> based on the sequence analysis of internal transcribed spacer. <i>Scientia Horticulturae</i> , 2012 , 144, 153-160	4.1	6
49	Characterization of the glutamate dehydrogenase isoenzyme system in germinating soybean. <i>Plant Science</i> , 1998 , 135, 137-148	5.3	6
48	Comparative Chromosome Banding Studies of Nondormant Alfalfa Germplasm. <i>Crop Science</i> , 2003 , 43, 2037-2042	2.4	6
47	Optimization of Rapid Microwave Processing of Botanical Samples for Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2018 , 24, 1202-1203	0.5	6
46	Two new species of <i>Tenuipalpus sensu stricto</i> (Acari: Tenuipalpidae) from Brazil, with a discussion on the ontogeny of leg setae. <i>Zootaxa</i> , 2018 , 4540, 178-210	0.5	6
45	Insights into the feeding behaviors and biomechanics of <i>Varroa destructor</i> mites on honey bee pupae using electropenetrography and histology. <i>Journal of Insect Physiology</i> , 2019 , 119, 103950	2.4	5
44	New and little known feather mites (Acariformes: Astigmata) analysed with low-temperature scanning electron microscopy. <i>International Journal of Acarology</i> , 2017 , 43, 499-517	0.6	5
43	<i>Lolium</i> latent virus (Alphaflexiviridae) coat proteins: expression and functions in infected plant tissue. <i>Journal of General Virology</i> , 2012 , 93, 1814-1824	4.9	5
42	Reassortment of Genome Segments Creates Stable Lineages Among Strains of Orchid Fleck Virus Infecting Citrus in Mexico. <i>Phytopathology</i> , 2020 , 110, 106-120	3.8	5

41	Visualization of the impatiens downy mildew pathogen using fluorescence in situ hybridization (FISH). <i>Plant Methods</i> , 2018 , 14, 92	5.8	5
40	The property and effect of bioplastic pots on the growth and developmental physiology of lily and begonia. <i>Horticulture Environment and Biotechnology</i> , 2012 , 53, 467-476	2	4
39	Chromosomal Polymorphism as Detected by C-Banding Patterns in Chilean Alfalfa Germplasm1. <i>Crop Science</i> , 2002 , 42, 1291-1297	2.4	4
38	Transgenic <i>Lilium longiflorum</i> plants containing the bar-uidA gene controlled by the rice RPC1, <i>Agrobacterium rolD</i> , <i>mas2</i> , and CaMV 35S promoters. <i>Plant Cell, Tissue and Organ Culture</i> , 2019 , 136, 303-312	2.7	4
37	A Proteomic Network for Symbiotic Nitrogen Fixation Efficiency in <i>Bradyrhizobium elkanii</i> . <i>Molecular Plant-Microbe Interactions</i> , 2018 , 31, 334-343	3.6	4
36	Raoiella of the world (Trombidiformes: Tetranychidae: Tenuipalpidae). <i>Zootaxa</i> , 2018 , 4501, 1-301	0.5	4
35	Three-Dimensional Printing of Agriculturally Important Mites Generated from Confocal Microscopy. <i>Microscopy and Microanalysis</i> , 2018 , 24, 1360-1361	0.5	4
34	Mouthpart Structure and Elemental Composition of the Mandibles in the Coffee Berry Borer (Coleoptera: Curculionidae: Scolytinae). <i>Annals of the Entomological Society of America</i> , 2017 , 110, 381-389		3
33	A new species of Proctophyllodes Robin, 1868 (Acari: Proctophyllodidae) from two tanagers of the genus <i>Piranga</i> Vieillot (Passeriformes: Cardinalidae) from North America. <i>Journal of Natural History</i> , 2017 , 51, 2407-2416	0.5	3
32	The complete genome sequence of an alphabaculovirus from <i>Spodoptera exempta</i> , an agricultural pest of major economic significance in Africa. <i>PLoS ONE</i> , 2019 , 14, e0209937	3.7	3
31	Enhanced biofilm formation in dual-species culture of and. <i>AIMS Microbiology</i> , 2017 , 3, 774-783	4.5	3
30	Morphological and molecular characterisation of <i>Punctodera mulveyi</i> n. sp. (Nematoda: Punctoderidae) from a golf course green in Oregon, USA, with a key to species of <i>Punctodera</i> . <i>Nematology</i> , 2020 , 1-17	0.9	3
29	A Mysterious Wing Spine in Male Coffee Berry Borers (Coleoptera: Curculionidae: Scolytinae). <i>Florida Entomologist</i> , 2015 , 98, 352-353	1	2
28	An Adhesive Collophore May Help Direct the Springtail Jump. <i>Annals of the Entomological Society of America</i> , 2015 , 108, 814-819	2	2
27	Correlative Light and Electron Microscopy (CLEM) Utilizing Hitachi HILEM TM IL1000 Ionic Liquid. <i>Microscopy and Microanalysis</i> , 2016 , 22, 246-247	0.5	2
26	A highly divergent 33 kDa <i>Cryptosporidium parvum</i> antigen. <i>Journal of Parasitology</i> , 2014 , 100, 527-31	0.9	2
25	Characterisation of calcium crystals in <i>Abelia</i> spp. using X-ray diffraction and electron microscopy. <i>Journal of Horticultural Science and Biotechnology</i> , 2014 , 89, 61-68	1.9	2
24	Revisão taxonômica do gênero da leprose dos citros e sua distribuição no Brasil. <i>Citrus Research & Technology</i> , 2018 , 39,	0.8	2

23	The complete genome sequence of a second alphabaculovirus from the true armyworm, <i>Mythimna unipuncta</i> : implications for baculovirus phylogeny and host specificity. <i>Virus Genes</i> , 2019 , 55, 104-116	2.3	2
22	Taxonomy and Natural History of Cattail Aphids, <i>Rhopalosiphum enigmae</i> (Hemiptera: Aphidomorpha: Aphididae), Including a New Synonymy and Notes on Ant and Parasitoid Associates of <i>Rhopalosiphum</i> . <i>Insect Systematics and Diversity</i> , 2018 , 2,	1.8	2
21	Review of the genus <i>Ceratotarsonemus</i> De Leon, 1956 (Acari: Prostigmata: Tarsonemidae), with description of a new species from the Amazon Forest. <i>Zootaxa</i> , 2018 , 4483, 271-294	0.5	2
20	<i>Blankaartia sinnamaryi</i> (Trombidiformes: Trombiculidae) parasitizing birds in southeastern Brazil, with notes on <i>Rickettsia</i> detection. <i>Brazilian Journal of Veterinary Parasitology</i> , 2018 , 27, 354-362	1.3	2
19	A new species of cave dwelling <i>Neocarus</i> (Acari: Opilioacaridae) from Bahia state, Brazil, with remarks on taxonomic characters. <i>Zootaxa</i> , 2018 , 4402, 303-322	0.5	2
18	Morphological and Molecular Characterization of n. sp. (Nematoda: Pratylenchidae), a New Root-Lesion Nematode Species on Soybean in North Dakota, USA. <i>Plants</i> , 2021 , 10,	4.5	2
17	Notes on <i>Citrullus</i> spp.: Pollen Morphology, C Values, and Interspecific Hybridizations with the Gemsbok Cucumber. <i>Crop Science</i> , 2017 , 57, 856-864	2.4	1
16	External morphology of the mouthparts and observations on behavior of <i>Tuckerella japonica</i> on <i>Camellia sinensis</i> in the continental USA. <i>Experimental and Applied Acarology</i> , 2018 , 74, 55-71	2.1	1
15	Low Temperature Scanning Electron Microscopy to Evaluate Morphology and Predation of <i>Scolothrips sexmaculatus</i> Pergande (Thysanoptera: Thripidae) on Spider Mites (Acari: Tetranychidae: <i>Tetranychus</i> spp.). <i>American Entomologist</i> , 2012 , 58, 40-49	0.6	1
14	alfalfa (<i>Medicago sativa</i> ssp. <i>sativa</i> (L.) L. & L.). <i>Genetic Resources, Chromosome Engineering, and Crop Improvement Series</i> , 2009 , 11-39		1
13	Ontogenetic and morphological studies on <i>Tetranychus canadensis</i> (Acari: Tetranychidae). <i>Zootaxa</i> , 2020 , 4857, zootaxa.4857.1.11	0.5	1
12	Dorsal setae in <i>Raoiella</i> (Acari: Tenuipalpidae): Their functional morphology and implication in fluid secretion. <i>Arthropod Structure and Development</i> , 2021 , 60, 101023	1.8	1
11	A Novel Sensing Chip for Probing Chlorine Permeation into Simulated Produce Cracks. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800119	4.6	1
10	Metal-Organic Framework-Stabilized High Internal Phase Pickering Emulsions Based on Computer Simulation for Curcumin Encapsulation: Comprehensive Characterization and Stability Mechanism. <i>ACS Omega</i> , 2021 , 6, 26556-26565	3.9	1
9	Location of Zinc in Trichomes of the Plant <i>Picris divaricata</i> . <i>Microscopy and Microanalysis</i> , 2014 , 20, 1322-1323	0.323	0
8	Utilization of Z-6040 Organosilane as a Coupling Agent to Improve the Adhesion of Epoxy Resins to Waxy Biological Tissues. <i>Microscopy and Microanalysis</i> , 2020 , 26, 1352-1353	0.5	
7	Two new species of <i>Tarsonemus</i> (Acari: Tarsonemidae) from Bahia, Brazil. <i>Systematic and Applied Acarology</i> , 2020 , 25, 986-1012	0.8	
6	A New Species of (Acari: Heterostigmatina: Pygmephoridae) from the Two Rivers Platinum Mine in South Africa and Notes on the Life-cycle of the Genus. <i>Zoological Studies</i> , 2016 , 55, e11	0.6	

- 5 First Record of *Cenopalpus wainsteini* [Trombidiformes: Tetranychidae: Tenuipalpidae] in the Americas and a Description of the Symptoms It Causes on Pines in Peru. *Neotropical Entomology*, **2021**, 1 1.2
- 4 Rediscovering digitules in Aphidomorpha and the question of homology among Sternorrhyncha (Insecta, Hemiptera). *ZooKeys*, **2017**, 39-50 1.2
- 3 The role of eriophyids in fungal pathogen epidemiology, mere association or true interaction? **2009**, 191-204
- 2 Focus on Nematodes: Microscopic Roundworms. *Microscopy and Microanalysis*, **2020**, 26, 2002-2002 0.5
- 1 Size, shape, and direction matters: Matching secondary genital structures in male and female mites using multiple microscopy techniques and 3D modeling. *PLoS ONE*, **2021**, 16, e0254974 3.7