

Gary R Bauchan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130
papers

2,378
citations

27
h-index

43
g-index

136
ext. papers

2,933
ext. citations

2.6
avg, IF

5.04
L-index

#	Paper	IF	Citations
130	First Record of <i>Cenopalpus wainsteini</i> [Trombidiformes: Tetranychidae: Tenuipalpidae] in the Americas and a Description of the Symptoms It Causes on Pines in Peru. <i>Neotropical Entomology</i> , 2021 , 1	1.2	
129	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
128	Size, shape, and direction matters: Matching secondary genital structures in male and female mites using multiple microscopy techniques and 3D modeling. <i>PLoS ONE</i> , 2021 , 16, e0254974	3.7	
127	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
126	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
125	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	
124	Blistering1 Modulates Virulence Via Vesicle-mediated Protein Secretion. <i>Molecular and Cellular Proteomics</i> , 2020 , 19, 344-361	7.6	13
123	Two new species of <i>Tarsonemus</i> (Acari: Tarsonemidae) from Bahia, Brazil. <i>Systematic and Applied Acarology</i> , 2020 , 25, 986-1012	0.8	
122	Beech leaf disease symptoms caused by newly recognized nematode subspecies <i>Litylenchus crenatae mccannii</i> (Anguinata) described from <i>Fagus grandifolia</i> in North America. <i>Forest Pathology</i> , 2020 , 50, e12580	1.2	13
121	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
120	Ontogenetic and morphological studies on <i>Tetranychus canadensis</i> (Acari: Tetranychidae). <i>Zootaxa</i> , 2020 , 4857, zootaxa.4857.1.11	0.5	1
119	Focus on Nematodes: Microscopic Roundworms. <i>Microscopy and Microanalysis</i> , 2020 , 26, 2002-2002	0.5	
118	Inhibition of <i>Escherichia coli</i> O157:H7 and <i>Salmonella enterica</i> virulence factors by benzyl isothiocyanate. <i>Food Microbiology</i> , 2020 , 86, 103303	6	13
117	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
116	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
115	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
114	Dermatitis in humans caused by <i>Ornithonyssus bursa</i> (Berlese 1888) (Mesostigmata: Macronyssidae) and new records from Brazil. <i>Brazilian Journal of Veterinary Parasitology</i> , 2019 , 28, 134-139	1.3	8

113	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
112	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
111	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
110	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
109	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
108	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
107	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
106	A Multi-Microscopy Approach to Discover the Feeding Site and Host Tissue Consumed by <i>Varroa destructor</i> on Host Honey Bees. <i>Microscopy and Microanalysis</i> , 2018 , 24, 1258-1259	0.5	14
105	A new species of the genus <i>Eutrombicula</i> Ewing, 1938 (Trombidiformes: Trombiculidae) and new records for the species <i>Eutrombicula batatas</i> (Linnaeus, 1758) in Brazil. <i>Acarologia</i> , 2018 , 58, 976-986	0.7	10
104	Revisão taxonômica do gênero da leprose dos citros e sua distribuição no Brasil. <i>Citrus Research & Technology</i> , 2018 , 39,	0.8	2
103	ICTV Virus Taxonomy Profile: Baculoviridae. <i>Journal of General Virology</i> , 2018 , 99, 1185-1186	4.9	54
102	The complete genome sequence of a third distinct baculovirus isolated from the true armyworm, <i>Mythimna unipuncta</i> , contains two copies of the <i>lef-7</i> gene. <i>Virus Genes</i> , 2018 , 54, 297-310	2.3	9
101	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
100	Optimization of Rapid Microwave Processing of Botanical Samples for Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2018 , 24, 1202-1203	0.5	6
99	A Novel Sensing Chip for Probing Chlorine Permeation into Simulated Produce Cracks. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800119	4.6	1
98	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
97	Visualization of the impatiens downy mildew pathogen using fluorescence in situ hybridization (FISH). <i>Plant Methods</i> , 2018 , 14, 92	5.8	5
96	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

95	Facile and template-free solvothermal synthesis of mesoporous/macroporous metal-organic framework nanosheets.. <i>RSC Advances</i> , 2018 , 8, 33059-33064	3.7	7
94	Raoiella of the world (Trombidiformes: Tetranychoidae: Tenuipalpidae). <i>Zootaxa</i> , 2018 , 4501, 1-301	0.5	4
93	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
92	Three-Dimensional Printing of Agriculturally Important Mites Generated from Confocal Microscopy. <i>Microscopy and Microanalysis</i> , 2018 , 24, 1360-1361	0.5	4
91	Blankaartia sinnamaryi (Trombidiformes: Trombiculidae) parasitizing birds in southeastern Brazil, with notes on Rickettsia detection. <i>Brazilian Journal of Veterinary Parasitology</i> , 2018 , 27, 354-362	1.3	2
90	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
89	Supplementary description of <i>Novophytoptus stipae</i> 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
88	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
87	A new species of <i>Proctophyllodes</i> 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
86	The Complete Genome Sequence of a Second Distinct Betabaculovirus from the True Armyworm, <i>Mythimna unipuncta</i> . <i>PLoS ONE</i> , 2017 , 12, e0170510	3.7	11
85	Ecopaene 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
84	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
83	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
82	The Operophtera brumata Nucleopolyhedrovirus (OpbuNPV) Represents an Early, Divergent Lineage within Genus Alphabaculovirus. <i>Viruses</i> , 2017 , 9,	6.2	15
81	Enhanced biofilm formation in dual-species culture of and. <i>AIMS Microbiology</i> , 2017 , 3, 774-783	4.5	3
80	Rediscovering digitules in Aphidomorpha and the question of homology among Sternorrhyncha (Insecta, Hemiptera). <i>ZooKeys</i> , 2017 , 39-50	1.2	
79	Catalogue of snout mites (Acariformes: Bdellidae) of the world. <i>Zootaxa</i> , 2016 , 4152, 1-83	0.5	11
78	A new species of <i>Tenuipalpus</i> 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

77	Seed Treatment with Ethanol Extract of <i>Serratia marcescens</i> is Compatible with <i>Trichoderma</i> Isolates for Control of Damping-off of Cucumber Caused by <i>Pythium ultimum</i> . <i>Plant Disease</i> , 2016 , 100, 1278-1287	1.5	10
76	Triple-acting Lytic Enzyme Treatment of Drug-Resistant and Intracellular <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2016 , 6, 25063	4.9	61
75	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
74	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, 592-6 ^{2,3}	2.3	9
73	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
72	Aggregative adherence fimbriae I (AAF/I) mediate colonization of fresh produce and abiotic surface by Shiga toxin-producing enteroaggregative <i>Escherichia coli</i> O104:H4. <i>International Journal of Food Microbiology</i> , 2016 , 229, 44-51	5.8	11
71	<i>Ralstonia insidiosa</i> serves as bridges in biofilm formation by foodborne pathogens <i>Listeria monocytogenes</i> , <i>Salmonella enterica</i> , and Enterohemorrhagic <i>Escherichia coli</i> . <i>Food Control</i> , 2016 , 65, 14-20	6.2	25
70	<i>Ralstonia insidiosa</i> induces cell aggregation of <i>Listeria monocytogenes</i> . <i>Food Control</i> , 2016 , 67, 303-309	6.2	12
69	Definition of <i>Tenuipalpus sensu stricto</i> (Acari, Tenuipalpidae), with redescription of <i>Tenuipalpus caudatus</i> (Dugès) and description of a new species from Costa Rica. <i>International Journal of Acarology</i> , 2016 , 42, 106-126	0.6	12
68	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
67	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	
66	Antimicrobial Activity of Bacteriophage Endolysin Produced in <i>Nicotiana benthamiana</i> Plants. <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 160-70	3.3	12
65	Neuronal projections from the Haller's organ and palp sensilla to the synganglion of <i>Amblyomma americanum</i> \$. <i>Brazilian Journal of Veterinary Parasitology</i> , 2016 , 25, 217-24	1.3	9
64	The role of the integument with respect to different modes of locomotion in the Nematalycidae (Endeostigmata). <i>Experimental and Applied Acarology</i> , 2015 , 65, 149-61	2.1	7
63	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
62	Expression of a synthetic antimicrobial peptide, D4E1, in <i>Gladiolus</i> plants for resistance to <i>Fusarium oxysporum</i> f. sp. <i>gladioli</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2015 , 121, 459-467	2.7	12
61	Role of Extracellular Structures of <i>Escherichia coli</i> O157:H7 in Initial Attachment to Biotic and Abiotic Surfaces. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 4720-7	4.8	16
60	New species of <i>Daidalotarsonemus</i> and <i>Excelotarsonemus</i> (Acari, Tarsonemidae) from the Brazilian rainforest. <i>ZooKeys</i> , 2015 , 1-36	1.2	14

59	Effects of environmental parameters on the dual-species biofilms formed by <i>Escherichia coli</i> O157:H7 and <i>Ralstonia insidiosa</i> , 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
58	Reinstatement of the genus <i>Colopalpus</i> Pritchard and Baker (1958) and re-description of <i>Colopalpus matthyssei</i> 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
57	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
56	Proliferation of <i>Escherichia coli</i> O157:H7 in Soil-Substitute and Hydroponic Microgreen Production Systems. <i>Journal of Food Protection</i> , 2015 , 78, 1785-90	2.5	28
55	A Mysterious Wing Spine in Male Coffee Berry Borers (Coleoptera: Curculionidae: Scolytinae). <i>Florida Entomologist</i> , 2015 , 98, 352-353	1	2
54	An Adhesive Collophore May Help Direct the Springtail Jump. <i>Annals of the Entomological Society of America</i> , 2015 , 108, 814-819	2	2
53	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
52	Characterization of Two Species of Trypanosomatidae from the Honey Bee <i>Apis mellifera</i> : <i>Crithidia mellificae</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
51	The Genus <i>Medicago</i> and the Origin of the <i>Medicago sativa</i> Comp. <i>Agronomy</i> , 2015 , 93-124	0.8	14
50	<i>Brevipalpus phoenicis</i> (Geijskes) species complex (Acari: Tenuipalpidae)--a closer look. <i>Zootaxa</i> , 2015 , 3944, 1-67	0.5	72
49	A highly divergent 33 kDa <i>Cryptosporidium parvum</i> antigen. <i>Journal of Parasitology</i> , 2014 , 100, 527-31	0.9	2
48	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
47	Functional analysis of tomato calmodulin gene family during fruit development and ripening. <i>Horticulture Research</i> , 2014 , 1, 14057	7.7	15
46	Location of Zinc in Trichomes of the Plant <i>Picris divaricata</i> . <i>Microscopy and Microanalysis</i> , 2014 , 20, 1322-1323	0	0
45	On the eyes of male coffee berry borers as rudimentary organs. <i>PLoS ONE</i> , 2014 , 9, e85860	3.7	12
44	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
43	Tenuipalpidae (Acari: Trombidiformes) from Casuarinaceae (Fagales). <i>Zootaxa</i> , 2014 , 3778, 1, 3-157	0.5	22
42	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

41	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
40	A new genus and species of Nematalycidae (Acari: Endeostigmata). <i>Journal of Natural History</i> , 2014 , 48, 1359-1373	0.5	35
39	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
38	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
37	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
36	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
35	Drought responses of foliar metabolites in three maize hybrids differing in water stress tolerance. <i>PLoS ONE</i> , 2013 , 8, e77145	3.7	26
34	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
33	Physical and chemical properties of biobased plastic resins containing chicken feather fibers. <i>Horticulture Environment and Biotechnology</i> , 2012 , 53, 72-80	2	7
32	The effect of biobased plastic resins containing chicken feather fibers on the growth and flowering of Begonia boliviensis. <i>Horticulture Environment and Biotechnology</i> , 2012 , 53, 81-91	2	8
31	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
30	Role of curli and cellulose expression in adherence of Escherichia coli O157:H7 to spinach leaves. <i>Foodborne Pathogens and Disease</i> , 2012 , 9, 160-7	3.8	70
29	Confirmation of hybrid origin of Cyrtanthus based on the sequence analysis of internal transcribed spacer. <i>Scientia Horticulturae</i> , 2012 , 144, 153-160	4.1	6
28	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
27	Immunolocalization of B and Egiardin within the ventral disk in trophozoites of Giardia duodenalis using multiplex laser scanning confocal microscopy. <i>Parasitology Research</i> , 2012 , 111, 241-8	2.4	7
26	Lolium 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
25	Enhanced inactivation of Salmonella and Pseudomonas 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
24	Low Temperature Scanning Electron Microscopy to Evaluate Morphology and Predation of Scolothrips sexmaculatus Pergande (Thysanoptera: Thripidae) on Spider Mites (Acari: Tetranychidae: Tetranychus spp.). <i>American Entomologist</i> , 2012 , 58, 40-49	0.6	1

23	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
22	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
21	Infectivity of Cryptosporidium parvum oocysts after storage of experimentally contaminated apples. <i>Journal of Food Protection</i> , 2010 , 73, 1824-9	2.5	30
20	Spinacia oleracea L. leaf stomata harboring Cryptosporidium parvum oocysts: a potential threat to food safety. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 555-9	4.8	45
19	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
18	Immunopathology and cytokine responses in commercial broiler chickens with gangrenous dermatitis. <i>Avian Pathology</i> , 2010 , 39, 255-64	2.4	21
17	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
16	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
15	Immunoenhancing effects of Montanide ISA oil-based adjuvants on recombinant coccidia antigen vaccination against Eimeria acervulina infection. <i>Veterinary Parasitology</i> , 2010 , 172, 221-8	2.8	43
14	alfalfa (Medicago sativa ssp. sativa (L.) L. & L.). <i>Genetic Resources, Chromosome Engineering, and Crop Improvement Series</i> , 2009 , 11-39		1
13	The role of eriophyoids in fungal pathogen epidemiology, mere association or true interaction? 2009 , 191-204		
12	Genetic Mapping of Biomass Production in Tetraploid Alfalfa. <i>Crop Science</i> , 2007 , 47, 1-10	2.4	97
11	Genetic Mapping Forage Yield, Plant Height, and Regrowth at Multiple Harvests in Tetraploid Alfalfa (Medicago sativa L.). <i>Crop Science</i> , 2007 , 47, 11-18	2.4	48
10	Reactions in the Annual Medicago spp. Core Germ Plasm Collection to Phoma medicaginis. <i>Plant Disease</i> , 2003 , 87, 557-562	1.5	15
9	Comparative Chromosome Banding Studies of Nondormant Alfalfa Germplasm. <i>Crop Science</i> , 2003 , 43, 2037-2042	2.4	6
8	Chromosomal Polymorphism as Detected by C-Banding Patterns in Chilean Alfalfa Germplasm1. <i>Crop Science</i> , 2002 , 42, 1291-1297	2.4	4
7	Distribution and Characterization of Heterochromatic DNA in the Tetraploid African Population Alfalfa Genome. <i>Crop Science</i> , 2001 , 41, 1921-1926	2.4	11
6	Sources of Resistance to Anthracnose in the Annual Medicago Core Collection. <i>Plant Disease</i> , 2000 , 84, 261-267	1.5	22

5	Ploidy reduction in blackberry. <i>Euphytica</i> , 1998 , 99, 57-73	2.1	7
4	Characterization of the glutamate dehydrogenase isoenzyme system in germinating soybean. <i>Plant Science</i> , 1998 , 135, 137-148	5.3	6
3	A Core Collection for the United States Annual Medicago Germplasm Collection. <i>Crop Science</i> , 1994 , 34, 279-285	2.4	56
2	Cytomixis in <i>Agropyron cristatum</i> . <i>Genome</i> , 1987 , 29, 765-769	2.4	8
1	Chromosome numbers of the <i>Medicago sativa</i> complex in Turkey. <i>Canadian Journal of Botany</i> , 1984 , 62, 749-752		17