Brian A Federici

List of Publications by Year
in descending order

140 papers	4,470 citations	87723 38 h-index	149479 56 g-index
140 all docs	140 docs citations	140 times ranked	2567 citing authors

#	Article	IF	Citations
1	â€œMegaviralesâ€, a proposed new order for eukaryotic nucleocytoplasmic large DNA viruses. Archives of Virology, 2013, 158, 2517-2521.	0.9	256
2	Synergism of mosquitocidal toxicity between CytA and CrylVD proteins using inclusions produced from cloned genes of Bacillus thuringiensis. Molecular Microbiology, 1994, 13, 965-972.	1.2	122
3	Baculovirus Pathogenesis. , 1997, , 33-59.		113
4	Protein crystal structure obtained at 2.9 Ã… resolution from injecting bacterial cells into an X-ray free-electron laser beam. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12769-12774.	3.3	111
5	Optimization of Cry3A Yields in <i>Bacillus thuringiensis</i> by Use of Sporulation-Dependent Promoters in Combination with the STAB-SD mRNA Sequence. Applied and Environmental Microbiology, 1998, 64, 3932-3938.	1.4	103
6	De novo phasing with X-ray laser reveals mosquito larvicide BinAB structure. Nature, 2016, 539, 43-47.	13.7	98
7	Cyt1A of Bacillus thuringiensis Delays Evolution of Resistance to Cry11A in the Mosquito Culex quinquefasciatus. Applied and Environmental Microbiology, 2005, 71, 185-189.	1.4	92
8	Phylogenetic analysis and possible function of bro-like genes, a multigene family widespread among large double-stranded DNA viruses of invertebrates and bacteria. Journal of General Virology, 2003, 84, 2531-2544.	1.3	87
9	Cyt1Aa Protein of <i>Bacillus thuringiensis</i> Is Toxic to the Cottonwood Leaf Beetle, <i>Chrysomela scripta</i> , and Suppresses High Levels of Resistance to Cry3Aa. Applied and Environmental Microbiology, 1998, 64, 4368-4371.	1.4	86
10	Insecticidal bacteria: An overwhelming success for invertebrate pathology. Journal of Invertebrate Pathology, 2005, 89, 30-38.	1.5	83
11	Cyt1A from Bacillus thuringiensis Synergizes Activity of Bacillus sphaericus against Aedes aegypti (Diptera: Culicidae). Applied and Environmental Microbiology, 2000, 66, 1093-1097.	1.4	74
12	In defence of Bacillus thuringiensis, the safest and most successful microbial insecticide available to humanityâ€”a response to EFSA. FEMS Microbiology Ecology, 2017, 93, .	1.3	73
13	Isolation, Identification, and Determination of Virulence of a Nuclear Polyhedrosis Virus from the Beet Armyworm, Spodoptera exigua (Lepidoptera: Noctuidae). Environmental Entomology, 1986, 15, 240-245.	0.7	69
14	Continuous cell line from Spodoptera exigua (Lepidoptera: Noctuidae) that supports replication of nuclear polyhedrosis viruses from Spodoptera exigua and Autographa californica. Journal of Invertebrate Pathology, 1986, 48, 199-207.	1.5	68
15	Setting the record straight: a rebuttal to an erroneous analysis on transgenic insecticidal crops and natural enemies. Transgenic Research, 2009, 18, 317-322.	1.3	67
16	Larvicidal Efficacy of Bacillus thuringiensis Serotype H-14 Against Stagnant-Water Mosquitoes and Its Effects on Nontarget Organisms. Environmental Entomology, 1982, 11, 788-795.	0.7	62
17	Parasporal bodies ofBacillus thuringiensissubsp.morrisoni(PG-14) andBacillus thuringiensissubsp.israelensisare similar in protein composition and toxicity. FEMS Microbiology Letters, 1986, 34, 79-84.	0.7	62
18	Ascovirus infectivity and effects of infection on the growth and development of noctuid larvae. Journal of Invertebrate Pathology, 1990, 56, 291-299.	1.5	60

#	Article	IF	Citations
19	Comparative histopathology of three ascovirus isolates in larval noctuids. Journal of Invertebrate Pathology, 1990, 56, 300-311.	1.5	56
20	Evidence for the evolution of ascoviruses from iridoviruses. Journal of General Virology, 2003, 84, 2999-3009.	1.3	56
21	Variable Cross-Resistance to Cry11B from Bacillus thuringiensis subsp. jegathesan in Culex quinquefasciatus (Diptera: Culicidae) Resistant to Single or Multiple Toxins of Bacillus thuringienisis subsp. israelensis. Applied and Environmental Microbiology, 1998, 64, 4174-4179.	1.4	56
22	RECOMBINANT LARVICIDAL BACTERIA WITH MARKEDLY IMPROVED EFFICACY AGAINST CULEX VECTORS OF WEST NILE VIRUS. American Journal of Tropical Medicine and Hygiene, 2005, 72, 732-738.	0.6	56
23	Synergy between Toxins ofBacillus thuringiensissubsp.israelensisandBacillus sphaericus. Journal of Medical Entomology, 2004, 41, 935-941.	0.9	55
24	DEVELOPING RECOMBINANT BACTERIA FOR CONTROL OF MOSQUITO LARVAE. Journal of the American Mosquito Control Association, 2007, 23, 164-175.	0.2	54
25	Cyt1A from<i>Bacillus thuringiensis</i>Restores Toxicity of<i>Bacillus sphaericus</i>Against Resistant<i>Culex quinquefasciatus</i>(Diptera: Culicidae). Journal of Medical Entomology, 2000, 37, 401-407.	0.9	53
26	A viral caspase contributes to modified apoptosis for virus transmission. Genes and Development, 2005, 19, 1416-1421.	2.7	53
27	Minireplicon from pBtoxis of Bacillus thuringiensis subsp. israelensis. Applied and Environmental Microbiology, 2006, 72, 6948-6954.	1.4	52
28	Genomic Sequence of Spodoptera frugiperda Ascovirus 1a , an Enveloped, Double-Stranded DNA Insect Virus That Manipulates Apoptosis for Viral Reproduction. Journal of Virology, 2006, 80, 11791-11805.	1.5	50
29	Isolation of an iridovirus from two terrestrial isopods, the pill bug, Armadillidium vulgare, and the sow bug, Porcellio dilatatus. Journal of Invertebrate Pathology, 1980, 36, 373-381.	1.5	48
30	Sporulation and toxin production by Bacillus thuringiensis var. israelensis in cadavers of mosquito larvae (Diptera: Culicidae). Journal of Invertebrate Pathology, 1985, 46, 251-258.	1.5	47
31	Differential effects of helper proteins encoded by thecry2Aandcry11Aoperons on the formation of Cry2A inclusions inBacillus thuringiensis. FEMS Microbiology Letters, 1998, 165, 35-41.	0.7	47
32	Molecular Genetic Manipulation of Truncated Cry1C Protein Synthesis in Bacillus thuringiensis To Improve Stability and Yield. Applied and Environmental Microbiology, 2000, 66, 4449-4455.	1.4	47
33	Differential enhancement of Cry2A versus Cry11A yields inBacillus thuringiensisby use of thecry3ASTAB mRNA sequence. FEMS Microbiology Letters, 1999, 181, 319-327.	0.7	45
34	Parasporal Body of Bacillus thuringiensis israelensis. , 1990, , 16-44.		44
35	Overview of the Basic Biology of Bacillus thuringiensis with Emphasis on Genetic Engineering of Bacterial Larvicides for Mosquito Control. The Open Toxinology Journal, 2013, 3, 83-100.	0.9	44
36	Characterization of repetitive DNA regions and methylated DNA in ascovirus genomes. Journal of General Virology, 2000, 81, 3073-3082.	1.3	42

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37	Recombinant Strain of Bacillus thuringiensis Producing Cyt1A, Cry11B, and the Bacillus sphaericus Binary Toxin. Applied and Environmental Microbiology, 2003, 69, 1331-1334.	1.4	42
38	ICTV Virus Taxonomy Profile: Ascoviridae. Journal of General Virology, 2017, 98, 4-5.	1.3	42
39	Phylogenetic position of the Diadromus pulchellus ascovirus DNA polymerase among viruses with large double-stranded DNA genomes. Journal of General Virology, 2000, 81, 3059-3072.	1.3	42
40	Iridovirus and cytoplasmic polyhedrosis virus in the freshwater daphnid Simocephalus expinosus. Nature, 1975, 254, 327-328.	13.7	39
41	Mtx Toxins Synergize <i>Bacillus sphaericus</i> and Cry11Aa against Susceptible and Insecticide-Resistant <i>Culex quinquefasciatus</i> Larvae. Applied and Environmental Microbiology, 2007, 73, 6066-6071.	1.4	39
42	Construction and Characterization of a Recombinant Bacillus thuringiensis subsp. israelensis Strain That Produces Cry11B. Journal of Invertebrate Pathology, 2001, 78, 37-44.	1.5	38
43	Novel Isolate of Bacillus thuringiensis subsp. thuringiensis That Produces a Quasicuboidal Crystal of Cry1Ab21 Toxic to Larvae of Trichoplusia ni. Applied and Environmental Microbiology, 2008, 74, 923-930.	1.4	38
44	Cyt1A from <I>Bacillus thuringiensis</I> Restores Toxicity of <I>Bacillus sphaericus</I> Against Resistant <I>Culex quinquefasciatus</I> (Diptera: Culicidae). Journal of Medical Entomology, 2000, 37, 401-407.	0.9	37
45	Response of larval Chironomus tepperi (Diptera: Chironomidae) to individual Bacillus thuringiensis var. israelensis toxins and toxin mixtures. Journal of Invertebrate Pathology, 2005, 88, 34-39.	1.5	37
46	Ingestion, dissolution, and proteolysis of the Bacillus sphaericus toxin by mosquito larvae. Journal of Invertebrate Pathology, 1989, 53, 12-20.	1.5	34
47	Comparison of Field-Collected Ascovirus Isolates by DNA Hybridization, Host Range, and Histopathology. Journal of Invertebrate Pathology, 1998, 72, 138-146.	1.5	34
48	Evolution of resistance toward Bacillus sphaericus or a mixture of B. sphaericus+Cyt1A from Bacillus thuringiensis, in the mosquito, Culex quinquefasciatus (Diptera: Culicidae). Journal of Invertebrate Pathology, 2005, 88, 154-162.	1.5	34
49	Insecticidal Protein Crystals of Bacillus thuringiensis. , 2006, , 195-236.		34
50	Properties and applied use of the mosquitocidal bacterium, Bacillus sphaericus. Journal of Asia-Pacific Entomology, 2010, 13, 159-168.	0.4	34
51	Plasmid location, cloning, and sequence analysis of the gene encoding a 27.3-kilodalton cytolytic protein fromBacillus thuringiensis subsp.morrisoni (PG-14). Current Microbiology, 1987, 16, 171-177.	1.0	33
52	Coelomomyces dodgei: Establishment of an in vivo laboratory culture. Journal of Invertebrate Pathology, 1977, 30, 288-297.	1.5	32
53	Iteron-Binding ORF157 and FtsZ-Like ORF156 Proteins Encoded by pBtoxis Play a Role in Its Replication in<i>Bacillus thuringiensis</i>subsp.<i>israelensis</i>. Journal of Bacteriology, 2007, 189, 8053-8058.	1.0	32
54	Symbiotic Virus at the Evolutionary Intersection of Three Types of Large DNA Viruses; Iridoviruses, Ascoviruses, and Ichnoviruses. PLoS ONE, 2009, 4, e6397.	1.1	32

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55	Molecular evidence for the evolution of ichnoviruses from ascoviruses by symbiogenesis. BMC Evolutionary Biology, 2008, 8, 253.	3.2	31
56	Appropriate Analytical Methods Are Necessary to Assess Nontarget Effects of Insecticidal Proteins in Gm Crops Through Meta-Analysis (Response to Andow et al. 2009). Environmental Entomology, 2009, 38, 1533-1538.	0.7	31
57	A new type of insect pathogen in larvae of the clover cutworm, Scotogramma trifolii. Journal of Invertebrate Pathology, 1982, 40, 41-54.	1.5	30
58	Replication and occlusion of a granulosis virus in larval and adult midgut epithelium of the western grapeleaf skeletonizer, Harrisina brillians. Journal of Invertebrate Pathology, 1990, 56, 401-414.	1.5	30
59	Taxonomic Studies of Rickettsiella, Rickettsia, and Chlamydia Using Genomic DNA. Journal of Invertebrate Pathology, 1994, 63, 294-300.	1.5	30
60	Evolution of resistance to the <i>Bacillus sphaericus</i> Bin toxin is phenotypically masked by combination with the mosquitocidal proteins of <i>Bacillus thuringiensis</i> subspecies <i>israelensis</i>. Environmental Microbiology, 2010, 12, 1154-1160.	1.8	30
61	Identification and Characterization of Three Previously Undescribed Crystal Proteins from Bacillus thuringiensis subsp. jegathesan. Applied and Environmental Microbiology, 2013, 79, 3364-3370.	1.4	30
62	Evolutionary relationships of iridoviruses and divergence of ascoviruses from invertebrate iridoviruses in the superfamily Megavirales. Molecular Phylogenetics and Evolution, 2015, 84, 44-52.	1.2	30
63	Studies on the pathology of a Baculovirus in Aedes triseriatus. Journal of Invertebrate Pathology, 1972, 20, 14-21.	1.5	29
64	Influence of the 20-kDa protein fromBacillus thuringiensisssp.israelensison the rate of production of truncated Cry1C proteins. FEMS Microbiology Letters, 1996, 141, 261-264.	0.7	29
65	Transgenic Bt crops and resistance: Broadscale use of pest-killing plants to be true test. California Agriculture, 1998, 52, 14-20.	0.5	28
66	Rickettsia-Like Organism Causing Disease in a Crangonid Amphipod from Florida. Applied Microbiology, 1974, 28, 885-886.	0.6	27
67	Mosquito baculovirus: Sequence of morphogenesis and ultrastructure of the virion. Virology, 1980, 100, 1-9.	1.1	25
68	Development of mutants of the mosquitocidal bacteriumBacillus thuringiensissubspeciesmorrisoni(PG-14) toxic to lepidopterous or dipterous insects. FEMS Microbiology Letters, 1990, 66, 257-262.	0.7	25
69	Highly mosquitocidal isolates of Bacillus thuringiensis subspecies kenyae and entomocidus from Mexico. Biochemical Systematics and Ecology, 1995, 23, 461-468.	0.6	25
70	Genome sequence of a crustacean iridovirus, IIV31, isolated from the pill bug, Armadillidium vulgare. Journal of General Virology, 2014, 95, 1585-1590.	1.3	24
71	The 1629-bp open reading frame of the Autographa californica multinucleocapsid nuclear polyhedrosis virus encodes a virion structural protein. Gene, 1993, 137, 275-280.	1.0	23
72	Complete genome sequence of invertebrate iridescent virus 22 isolated from a blackfly larva. Journal of General Virology, 2013, 94, 2112-2116.	1.3	22

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73	Effects of Substituting Granulin or a Granulin-Polyhedrin Chimera for Polyhedrin on Virion Occlusion and Polyhedral Morphology in <i>Autographa californica</i> Multinucleocapsid Nuclear Polyhedrosis Virus. Journal of Virology, 1998, 72, 6237-6243.	1.5	22
74	Recombinant larvicidal bacteria with markedly improved efficacy against culex vectors of west nile virus. American Journal of Tropical Medicine and Hygiene, 2005, 72, 732-8.	0.6	22
75	Mtx toxins from Lysinibacillus sphaericus enhance mosquitocidal cry-toxin activity and suppress cry-resistance in Culex quinquefasciatus. Journal of Invertebrate Pathology, 2014, 115, 62-67.	1.5	21
76	Insecticidal bacterial proteins identify the midgut epithelium as a source of novel target sites for insect control. Archives of Insect Biochemistry and Physiology, 1993, 22, 357-371.	0.6	20
77	Effects of Bt on Non-Target Organisms. Journal of New Seeds, 2003, 5, 11-30.	0.3	20
78	Proteomic analysis of the Spodoptera frugiperda ascovirus 1a virion reveals 21 proteins. Journal of General Virology, 2009, 90, 359-365.	1.3	20
79	Inheritance, Stability, and Dominance of Cry Resistance inCulex quinquefasciatus(Diptera: Culicidae) Selected With the Three Cry Toxins ofBacillus thuringiensissubsp.israelensis. Journal of Medical Entomology, 2012, 49, 886-894.	0.9	20
80	The 60-Kilodalton Protein Encoded byorf2in thecry19AOperon of Bacillus thuringiensis subsp. jegathesan Functions Like a C-Terminal Crystallization Domain. Applied and Environmental Microbiology, 2012, 78, 2005-2012.	1.4	20
81	Occurrence of a Disease Caused by a Rickettsia-Like Organism in a Larval Population of the Cabbage Looper, Trichoplusia ni1 , in Southern California. Environmental Entomology, 1982, 11, 550-554.	0.7	19
82	Laboratory and Simulated Field Evaluation of a New Recombinant of<i>Bacillus thuringiensis</i>ssp.<i>israelensis</i>and<i>Bacillus sphaericus</i>against<i>Culex</i>Mosquito Larvae (Diptera: Culicidae). Journal of Medical Entomology, 2004, 41, 423-429.	0.9	19
83	Ultrastructural characterization and multilocus sequence analysis (MLSA) of â€˜Candidatus Rickettsiella isopodorumâ€™, a new lineage of intracellular bacteria infecting woodlice (Crustacea:) Tj ETQq1 1 0.784314 rg BT /Overl	1.2	19
84	Transcriptome Analysis of the Spodoptera frugiperda Ascovirus<i>In Vivo</i>Provides Insights into How Its Apoptosis Inhibitors and Caspase Promote Increased Synthesis of Viral Vesicles and Virion Progeny. Journal of Virology, 2017, 91, .	1.5	19
85	Inheritance Patterns, Dominance, Stability, and Allelism of Insecticide Resistance and Cross-Resistance in Two Colonies of <I>Culex quinquefasciatus</I> (Diptera: Culicidae) Selected With Cry Toxins From <I>Bacillus thuringiensis</I> subsp<I>. israelensis</I>. Journal of Medical Entomology, 2010, 47, 814-822.	0.9	18
86	Structure and behavior of the meiospore of Coelomomyces dodgei during encystment on the copepod host, Acanthocyclops vernalis. Journal of Invertebrate Pathology, 1986, 48, 259-268.	1.5	17
87	Effects of the Epap granulovirus on its host, Epinotia aporema (Lepidoptera: Tortricidae). Journal of Invertebrate Pathology, 2002, 80, 148-159.	1.5	17
88	Differential pigmentation in the sexual phase of Coelomomyces. Nature, 1977, 267, 514-515.	13.7	16
89	Virus epizootics in californian populations of Spodoptera exigua: dominance of a single viral genotype. Biochemical Systematics and Ecology, 1990, 18, 461-466.	0.6	16
90	Characteristics of inteins in invertebrate iridoviruses and factors controlling insertion in their viral hosts. Molecular Phylogenetics and Evolution, 2013, 67, 246-254.	1.2	16

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91	Highly Effective Broad Spectrum Chimeric Larvicide That Targets Vector Mosquitoes Using a Lipophilic Protein. Scientific Reports, 2017, 7, 11282.	1.6	16
92	Formation of virion-occluding proteinic spindles in a Baculovirus disease of Aedes triseriatus. Journal of Invertebrate Pathology, 1972, 20, 129-138.	1.5	15
93	Inheritance Patterns, Dominance, Stability, and Allelism of Insecticide Resistance and Cross-Resistance in Two Colonies of<i>Culex quinquefasciatus</i>(Diptera: Culicidae) Selected With Cry Toxins From<i>Bacillus thuringiensis</i>subsp<i>. israelensis</i>. Journal of Medical Entomology, 2010, 47, 814-822.	0.9	15
94	Nucleotide sequences of genes encoding a 72,000 molecular weight mosquitocidal protein and an associated 20,000 molecular weight protein are highly conserved in subspecies of Bacillus thuringiensis from Israel and The Philippines. Biochemical Systematics and Ecology, 1991, 19, 599-609.	0.6	14
95	BACTERIA AS BIOLOGICAL CONTROL AGENTS FOR INSECTS: ECONOMICS, ENGINEERING, AND ENVIRONMENTAL SAFETY. , 2007, , 25-51.		14
96	Evidence for the copepods Acanthocyclops robustus and Mesocyclops edax as competent intermediate hosts for Coelomomyces punctatus during an epizootic in a larval population of the mosquito Anopheles quadrimaculatus. Journal of Invertebrate Pathology, 1992, 60, 229-236.	1.5	13
97	Cyt1A from Bacillus thuringiensis Lacks Toxicity to Susceptible and Resistant Larvae of Diamondback Moth (Plutella xylostella) and Pink Bollworm (Pectinophora gossypiella). Applied and Environmental Microbiology, 2001, 67, 462-463.	1.4	13
98	Baculovirus Epizootic in a Larval Population of the Clover Cutworm, Scotogramma trifolii , in Southern California 1. Environmental Entomology, 1978, 7, 423-427.	0.7	12
99	Domain I Plays an Important Role in the Crystallization of Cry3A in Bacillus thuringiensis. Molecular Biotechnology, 2000, 16, 97-108.	1.3	12
100	The 20-kDa Protein of Bacillus thuringiensis subsp. israelensis Enhances Bacillus sphaericus 2362 Bin Toxin Synthesis. Current Microbiology, 2007, 55, 119-124.	1.0	12
101	P64, a Novel Major Virion DNA-Binding Protein Potentially Involved in Condensing the <i>Spodoptera frugiperda Ascovirus 1a</i> Genome. Journal of Virology, 2009, 83, 2708-2714.	1.5	12
102	Complete genome sequence of invertebrate iridovirus IIV-25 isolated from a blackfly larva. Archives of Virology, 2014, 159, 1181-1185.	0.9	12
103	Mitochondrial and Innate Immunity Transcriptomes from Spodoptera frugiperda Larvae Infected with the Spodoptera frugiperda Ascovirus. Journal of Virology, 2020, 94, .	1.5	12
104	Inviability of Interspecific Hybrids in theCoelomomyces DodgeiComplex. Mycologia, 1982, 74, 555-562.	0.8	11
105	A 54-Kilodalton Protein Encoded by pBtoxis Is Required for Parasporal Body Structural Integrity in Bacillus thuringiensis subsp. israelensis. Journal of Bacteriology, 2012, 194, 1562-1571.	1.0	11
106	Complete genome sequence of invertebrate iridovirus IIV30 isolated from the corn earworm, Helicoverpa zea. Journal of Invertebrate Pathology, 2014, 116, 43-47.	1.5	11
107	Cyt1Aa from Bacillus thuringiensis subsp. israelensis Enhances Mosquitocidal Activity of B. thuringiensis subsp. kurstaki HD-1 Against Aedes aegypti but not Culex quinquefasciatus. Journal of Microbiology and Biotechnology, 2013, 23, 88-91.	0.9	11
108	Mosquito Host Range Tests with Coelomomyces punctatus1. Annals of the Entomological Society of America, 1975, 68, 669-670.	1.3	10

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109	Artificial Diet and Rearing Procedures for the Omnivorous Looper1. Journal of Economic Entomology, 1982, 75, 295-296.	0.8	9
110	Effect of Specific Mutations in Helix Î±7 of Domain I on the Stability and Crystallization of Cry3A in <I>Bacillus thuringiensis</I>. Molecular Biotechnology, 2004, 27, 089-100.	1.3	9
111	Contributions of 5â€²-UTR and 3â€²-UTR cis elements to Cyt1Aa synthesis in Bacillus thuringiensis subsp. israelensis. Journal of Invertebrate Pathology, 2017, 149, 66-75.	1.5	9
112	Inviability of Interspecific Hybrids in the Coelomomyces dodgei Complex. Mycologia, 1982, 74, 555.	0.8	8
113	Comparison of the Toxicity., Parasporal Body Protein Composition, and Plasmid Complements of Nine Isolates of Bacillus thuringiensis subsp. israelensis. Journal of Economic Entomology, 1987, 80, 1131-1136.	0.8	8
114	Parasporal body fromBacillus thuringiensissubsp.kenyaecomposed of a novel combination of inclusions and Cry proteins. FEMS Microbiology Letters, 1995, 134, 195-201.	0.7	8
115	Clover Cutworm, Scotogramma trifolii1: a Semidefined Larval Diet and Colony Maintenance. Annals of the Entomological Society of America, 1979, 72, 667-668.	1.3	7
116	Synthesis of Additional Endotoxins inBacillus thuringiensissubsp.morrisoniPG-14 andBacillus thuringiensissubsp.jegathesanSignificantly Improves Their Mosquitocidal Efficacy. Journal of Medical Entomology, 2005, 42, 337-341.	0.9	7
117	Synthesis of Additional Endotoxins in <I>Bacillus thuringiensis</I> subsp. <I>morrisoni</I> PG-14 and <I>Bacillus thuringiensis</I> subsp. <I>jegathesan</I> Significantly Improves Their Mosquitocidal Efficacy. Journal of Medical Entomology, 2005, 42, 337-341.	0.9	7
118	A 1.1-Kilobase Region Downstream of the <i>bin</i> Operon in <i>Bacillus sphaericus</i> Strain 2362 Decreases Bin Yield and Crystal Size in Strain 2297. Applied and Environmental Microbiology, 2009, 75, 878-881.	1.4	7
119	Complete genome sequence of invertebrate iridovirus IIV22A, a variant of IIV22, isolated originally from a blackfly larva. Standards in Genomic Sciences, 2014, 9, 940-947.	1.5	7
120	Effect of Promoters and Plasmid Copy Number on Cyt1A Synthesis and Crystal Assembly in Bacillus thuringiensis. Current Microbiology, 2016, 72, 33-40.	1.0	7
121	Ascovirus P64 Homologs: A Novel Family of Large Cationic Proteins That Condense Viral Genomic DNA for Encapsidation. Biology, 2018, 7, 44.	1.3	7
122	A new cytoplasmic polyhedrosis virus from chironomids collected in Florida. Journal of Invertebrate Pathology, 1973, 22, 136-138.	1.5	6
123	Parasporal Body of Mosquitocidal Subspecies of Bacillus thuringiensis. , 1987, , 115-131.		6
124	A baculovirus anti-apoptosis gene homolog of the Trichoplusia ni granulovirus. Virus Genes, 1999, 19, 95-101.	0.7	6
125	An appeal for a more evidence based approach to biopesticide safety in the EU. FEMS Microbiology Ecology, 2018, 94, .	1.3	6
126	Evolution of Resistance inCulex quinquefasciatus(Say) Selected With a RecombinantBacillus thuringiensisStrain-Producing Cyt1Aa and Cry11Ba, and the Binary Toxin, Bin, FromLysinibacillus sphaericus. Journal of Medical Entomology, 2015, 52, 1028-1035.	0.9	4

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127	Extended in vivo transcriptomes of two ascoviruses with different tissue tropisms reveal alternative mechanisms for enhancing virus reproduction in hemolymph. Scientific Reports, 2021, 11, 16402.	1.6	4
128	Recombinant Bacterial Larvicides for Control of Important Mosquito Vectors of Disease. , 2010, , 163-176.		4
129	Development and structure of the resting sporangium wall in Coelomomyces dodgei and modification during dehiscence. Journal of Structural Biology, 1986, 95, 96-107.	0.9	3
130	Characterization ofBacillus thuringiensisisolates from soil and small mammals that harbourvip3Agene homologues. Biocontrol Science and Technology, 2011, 21, 461-473.	0.5	3
131	Evolution of Immunosuppressive Organelles from DNA Viruses in Insects. , 2010, , 229-248.		3
132	Genetic engineering of bacterial insecticides for improved efficacy against medically important Diptera. , 2000, , 461-484.		3
133	Experimental Systematics. , 1985, , 299-320.		3
134	Nucleopolyhedrovirus from the Western Avocado Leafroller, Amorbia cuneana: Isolation and characterization of a potential viral control agent. Biological Control, 2009, 49, 154-159.	1.4	2
135	Occurrence, pathology, and ultrastructure of iridovirus and cytoplasmic polyhedrosis viruses in daphnids from the Czech Republic. Journal of Invertebrate Pathology, 2016, 140, 35-38.	1.5	2
136	Differential effects of helper proteins encoded by the cry2A and cry11A operons on the formation of Cry2A inclusions in Bacillus thuringiensis. , 0, .		2
137	Early in vivo transcriptome of Trichoplusia ni ascovirus core genes. Journal of General Virology, 2022, 103, .	1.3	2
138	Host Cytoskeleton Gene Expression Is Correlated with the Formation of Ascovirus Reproductive Viral Vesicles. Viruses, 2022, 14, 1444.	1.5	1
139	ASCOVIRUSES (ASCOVIRIDAE). , 1999, , 97-103.		0
140	Ascoviruses (Ascoviridae). , 2021, , 724-731.		0