

## List of Publications by Year in descending order

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133  
papers

5,715  
citations

76326

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h-index

91884

69  
g-index

137  
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137  
docs citations

137  
times ranked

2608  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of <i>in vitro</i> and <i>in vivo</i> binding site competition of <i>Bacillus thuringiensis</i> Cry1 proteins in two important maize pests. <i>Pest Management Science</i> , 2022, 78, 1457-1466.	3.4	4
2	Alteration of a Cry1A Shared Binding Site in a Cry1Ab-Selected Colony of <i>Ostrinia furnacalis</i> . <i>Toxins</i> , 2022, 14, 32.	3.4	4
3	<i>In vivo</i> competition assays between Vip3 proteins confirm the occurrence of shared binding sites in <i>Spodoptera littoralis</i> . <i>Scientific Reports</i> , 2022, 12, 4578.	3.3	4
4	Structural and functional role of Domain I for the insecticidal activity of the Vip3Aa protein from <i>Bacillus thuringiensis</i> . <i>Microbial Biotechnology</i> , 2022, 15, 2607-2618.	4.2	8
5	Effect of substitutions of key residues on the stability and the insecticidal activity of Vip3Af from <i>Bacillus thuringiensis</i> . <i>Journal of Invertebrate Pathology</i> , 2021, 186, 107439.	3.2	4
6	Mechanisms of Resistance to Insecticidal Proteins from <i>Bacillus thuringiensis</i> . <i>Annual Review of Entomology</i> , 2021, 66, 121-140.	11.8	152
7	Response Mechanisms of Invertebrates to <i>Bacillus thuringiensis</i> and Its Pesticidal Proteins. <i>Microbiology and Molecular Biology Reviews</i> , 2021, 85, .	6.6	40
8	The Rapid Evolution of Resistance to Vip3Aa Insecticidal Protein in <i>Mythimna separata</i> (Walker) Is Not Related to Altered Binding to Midgut Receptors. <i>Toxins</i> , 2021, 13, 364.	3.4	12
9	Hetero-oligomerization of <i>Bacillus thuringiensis</i> Cry1A proteins enhance binding to the ABCC2 transporter of <i>Spodoptera exigua</i> . <i>Biochemical Journal</i> , 2021, 478, 2589-2600.	3.7	3
10	Critical Domains in the Specific Binding of Radiolabeled Vip3Af Insecticidal Protein to Brush Border Membrane Vesicles from <i>Spodoptera</i> spp. and Cultured Insect Cells. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0178721.	3.1	9
11	Evaluation of the Toxicity of Supernatant Cultures and Spore-Crystal Mixtures of <i>Bacillus thuringiensis</i> Strains Isolated from Algeria. <i>Current Microbiology</i> , 2020, 77, 2904-2914.	2.2	1
12	Molecular architecture and activation of the insecticidal protein Vip3Aa from <i>Bacillus thuringiensis</i> . <i>Nature Communications</i> , 2020, 11, 3974.	12.8	44
13	<i>Bacillus thuringiensis</i> Toxins: Functional Characterization and Mechanism of Action. <i>Toxins</i> , 2020, 12, 785.	3.4	17
14	Reduced Membrane-Bound Alkaline Phosphatase Does Not Affect Binding of Vip3Aa in a <i>Heliothis virescens</i> Resistant Colony. <i>Toxins</i> , 2020, 12, 409.	3.4	13
15	Domain Shuffling between Vip3Aa and Vip3Ca: Chimera Stability and Insecticidal Activity against European, American, African, and Asian Pests. <i>Toxins</i> , 2020, 12, 99.	3.4	16
16	Unraveling the Composition of Insecticidal Crystal Proteins in <i>Bacillus thuringiensis</i> : a Proteomics Approach. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	19
17	Structural Domains of the <i>Bacillus thuringiensis</i> Vip3Af Protein Unraveled by Tryptic Digestion of Alanine Mutants. <i>Toxins</i> , 2019, 11, 368.	3.4	17
18	The <i>Spodoptera exigua</i> ABCC2 Acts as a Cry1A Receptor Independently of its Nucleotide Binding Domain II. <i>Toxins</i> , 2019, 11, 172.	3.4	17

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19	Isolating, characterising and identifying a Cry1Ac resistance mutation in field populations of <i>Helicoverpa punctigera</i> . <i>Scientific Reports</i> , 2018, 8, 2626.	3.3	13
20	Characterization of two groups of <i>Spodoptera exigua</i> H $\frac{1}{4}$ bner (Lepidoptera: Noctuidae) C $\frac{1}{2}$ type lectins and insights into their role in defense against the densovirus JcDV. <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 97, e21432.	1.5	11
21	Insecticidal Activity and Synergistic Combinations of Ten Different Bt Toxins against <i>Mythimna separata</i> (Walker). <i>Toxins</i> , 2018, 10, 454.	3.4	26
22	Efficacy and Resistance Management Potential of a Modified Vip3C Protein for Control of <i>Spodoptera frugiperda</i> in Maize. <i>Scientific Reports</i> , 2018, 8, 16204.	3.3	12
23	Characterization of <i>Bacillus thuringiensis</i> isolates by their insecticidal activity and their production of Cry and Vip3 proteins. <i>PLoS ONE</i> , 2018, 13, e0206813.	2.5	21
24	Critical amino acids for the insecticidal activity of Vip3Af from <i>Bacillus thuringiensis</i> : Inference on structural aspects. <i>Scientific Reports</i> , 2018, 8, 7539.	3.3	27
25	Analysis of cross-resistance to Vip3 proteins in eight insect colonies, from four insect species, selected for resistance to <i>Bacillus thuringiensis</i> insecticidal proteins. <i>Journal of Invertebrate Pathology</i> , 2018, 155, 64-70.	3.2	19
26	Role of <i>Bacillus thuringiensis</i> Cry1A toxins domains in the binding to the ABCC2 receptor from <i>Spodoptera exigua</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2018, 101, 47-56.	2.7	21
27	A Genomic and Proteomic Approach to Identify and Quantify the Expressed <i>Bacillus thuringiensis</i> Proteins in the Supernatant and Parasporal Crystal. <i>Toxins</i> , 2018, 10, 193.	3.4	8
28	Artefactual band patterns by SDS-PAGE of the Vip3Af protein in the presence of proteases mask the extremely high stability of this protein. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 59-65.	7.5	10
29	<i>Bacillus thuringiensis</i> Vip3Aa Toxin Resistance in <i>Heliiothis virescens</i> (Lepidoptera: Noctuidae). <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	37
30	Changes in gene expression and apoptotic response in <i>Spodoptera exigua</i> larvae exposed to sublethal concentrations of Vip3 insecticidal proteins. <i>Scientific Reports</i> , 2017, 7, 16245.	3.3	51
31	Insecticidal spectrum and mode of action of the <i>Bacillus thuringiensis</i> Vip3Ca insecticidal protein. <i>Journal of Invertebrate Pathology</i> , 2017, 142, 60-67.	3.2	30
32	<i>Ephestia kuehniella</i> tolerance to <i>Bacillus thuringiensis</i> Cry1Aa is associated with reduced oligomer formation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 808-813.	2.1	2
33	Assessment of the Antimicrobial Activity and the Entomocidal Potential of <i>Bacillus thuringiensis</i> Isolates from Algeria. <i>Toxins</i> , 2017, 9, 139.	3.4	30
34	Insights into the Structure of the Vip3Aa Insecticidal Protein by Protease Digestion Analysis. <i>Toxins</i> , 2017, 9, 131.	3.4	51
35	Editorial for Special Issue: The Insecticidal Bacterial Toxins in Modern Agriculture. <i>Toxins</i> , 2017, 9, 396.	3.4	0
36	High Bacterial Agglutination Activity in a Single-CRD C-Type Lectin from <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae). <i>Biosensors</i> , 2017, 7, 12.	4.7	17

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37	Characterization of the resistance to Vip3Aa in <i>Helicoverpa armigera</i> from Australia and the role of midgut processing and receptor binding. <i>Scientific Reports</i> , 2016, 6, 24311.	3.3	52
38	Susceptibility, mechanisms of response and resistance to <i>Bacillus thuringiensis</i> toxins in <i>Spodoptera</i> spp.. <i>Current Opinion in Insect Science</i> , 2016, 15, 89-96.	4.4	35
39	Susceptibility of <i>Grapholita molesta</i> (Busck, 1916) to formulations of <i>Bacillus thuringiensis</i> , individual toxins and their mixtures. <i>Journal of Invertebrate Pathology</i> , 2016, 141, 1-5.	3.2	14
40	Midgut microbiota and host immunocompetence underlie <i>Bacillus thuringiensis</i> killing mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9486-9491.	7.1	144
41	Bacterial Vegetative Insecticidal Proteins (Vip) from Entomopathogenic Bacteria. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 329-350.	6.6	233
42	Binding analysis of <i>Bacillus thuringiensis</i> Cry1 proteins in the sugarcane borer, <i>Diatraea saccharalis</i> (Lepidoptera: Crambidae). <i>Journal of Invertebrate Pathology</i> , 2015, 127, 32-34.	3.2	9
43	Synergism and Antagonism between <i>Bacillus thuringiensis</i> Vip3A and Cry1 Proteins in <i>Heliothis virescens</i> , <i>Diatraea saccharalis</i> and <i>Spodoptera frugiperda</i> . <i>PLoS ONE</i> , 2014, 9, e107196.	2.5	41
44	ABCC transporters mediate insect resistance to multiple Bt toxins revealed by bulk segregant analysis. <i>BMC Biology</i> , 2014, 12, 46.	3.8	144
45	<i>In Vivo</i> and <i>In Vitro</i> Binding of Vip3Aa to <i>Spodoptera frugiperda</i> Midgut and Characterization of Binding Sites by <sup>125</sup> I Radiolabeling. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6258-6265.	3.1	78
46	A screening of five <i>Bacillus thuringiensis</i> Vip3A proteins for their activity against lepidopteran pests. <i>Journal of Invertebrate Pathology</i> , 2014, 117, 51-55.	3.2	69
47	Shared Binding Sites for the <i>Bacillus thuringiensis</i> Proteins Cry3Bb, Cry3Ca, and Cry7Aa in the African Sweet Potato Pest <i>Cylas puncticollis</i> (Brentidae). <i>Applied and Environmental Microbiology</i> , 2014, 80, 7545-7550.	3.1	11
48	Proteolytic processing of <i>Bacillus thuringiensis</i> Vip3A proteins by two <i>Spodoptera</i> species. <i>Journal of Insect Physiology</i> , 2014, 67, 76-84.	2.0	46
49	Different binding sites for <i>Bacillus thuringiensis</i> Cry1Ba and Cry9Ca proteins in the European corn borer, <i>Ostrinia nubilalis</i> (H <sup>14</sup> bner). <i>Journal of Invertebrate Pathology</i> , 2014, 120, 1-3.	3.2	3
50	Midgut aminopeptidase N isoforms from <i>Ostrinia nubilalis</i> : Activity characterization and differential binding to Cry1Ab and Cry1Fa proteins from <i>Bacillus thuringiensis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 924-935.	2.7	30
51	Insecticidal activity of Vip3Aa, Vip3Ad, Vip3Ae, and Vip3Af from <i>Bacillus thuringiensis</i> against lepidopteran corn pests. <i>Journal of Invertebrate Pathology</i> , 2013, 113, 78-81.	3.2	51
52	Encapsulation of the <i>Bacillus thuringiensis</i> secretable toxins Vip3Aa and Cry1Ia in <i>Pseudomonas fluorescens</i> . <i>Biological Control</i> , 2013, 66, 159-165.	3.0	13
53	Shared Midgut Binding Sites for Cry1A.105, Cry1Aa, Cry1Ab, Cry1Ac and Cry1Fa Proteins from <i>Bacillus thuringiensis</i> in Two Important Corn Pests, <i>Ostrinia nubilalis</i> and <i>Spodoptera frugiperda</i> . <i>PLoS ONE</i> , 2013, 8, e68164.	2.5	109
54	Association of Cry1Ac Toxin Resistance in <i>Helicoverpa zea</i> (Boddie) with Increased Alkaline Phosphatase Levels in the Midgut Lumen. <i>Applied and Environmental Microbiology</i> , 2012, 78, 5690-5698.	3.1	45

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55	Lack of Cry1Fa Binding to the Midgut Brush Border Membrane in a Resistant Colony of <i>Plutella xylostella</i> Moths with a Mutation in the <i>ABCC2</i> Locus. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6759-6761.	3.1	17
56	Specific Binding of Radiolabeled Cry1Fa Insecticidal Protein from <i>Bacillus thuringiensis</i> to Midgut Sites in Lepidopteran Species. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4048-4050.	3.1	12
57	Vip3C, a Novel Class of Vegetative Insecticidal Proteins from <i>Bacillus thuringiensis</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 7163-7165.	3.1	33
58	Genome sequence of SeIV-1, a novel virus from the Iflaviridae family infective to <i>Spodoptera exigua</i> . <i>Journal of Invertebrate Pathology</i> , 2012, 109, 127-133.	3.2	28
59	Susceptibility of <i>Spodoptera frugiperda</i> and <i>S. exigua</i> to <i>Bacillus thuringiensis</i> Vip3Aa insecticidal protein. <i>Journal of Invertebrate Pathology</i> , 2012, 110, 334-339.	3.2	69
60	The transcriptome of <i>Spodoptera exigua</i> larvae exposed to different types of microbes. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 557-570.	2.7	70
61	Cross-resistance and mechanism of resistance to Cry1Ab toxin from <i>Bacillus thuringiensis</i> in a field-derived strain of European corn borer, <i>Ostrinia nubilalis</i> . <i>Journal of Invertebrate Pathology</i> , 2011, 107, 185-192.	3.2	39
62	Quantitative real-time PCR with SYBR Green detection to assess gene duplication in insects: study of gene dosage in <i>Drosophila melanogaster</i> (Diptera) and in <i>Ostrinia nubilalis</i> (Lepidoptera). <i>BMC Research Notes</i> , 2011, 4, 84.	1.4	19
63	Increase in midgut microbiota load induces an apparent immune priming and increases tolerance to <i>Bacillus thuringiensis</i> . <i>Environmental Microbiology</i> , 2010, 12, 2730-2737.	3.8	74
64	Constitutive Activation of the Midgut Response to <i>Bacillus thuringiensis</i> in Bt-Resistant <i>Spodoptera exigua</i> . <i>PLoS ONE</i> , 2010, 5, e12795.	2.5	63
65	Downregulation of a Chitin Deacetylase-Like Protein in Response to Baculovirus Infection and Its Application for Improving Baculovirus Infectivity. <i>Journal of Virology</i> , 2010, 84, 2547-2555.	3.4	47
66	Binding Site Alteration Is Responsible for Field-Isolated Resistance to <i>Bacillus thuringiensis</i> Cry2A Insecticidal Proteins in Two <i>Helicoverpa</i> Species. <i>PLoS ONE</i> , 2010, 5, e9975.	2.5	79
67	Interaction of <i>Bacillus thuringiensis</i> Cry1 and Vip3A Proteins with <i>Spodoptera frugiperda</i> Midgut Binding Sites. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2236-2237.	3.1	131
68	Enhancing the multiplication of nucleopolyhedrovirus in vitro by manipulation of the pH. <i>Journal of Virological Methods</i> , 2009, 161, 254-258.	2.1	5
69	Ecological distribution and characterization of four collections of <i>Bacillus thuringiensis</i> strains. <i>Journal of Basic Microbiology</i> , 2009, 49, 152-157.	3.3	16
70	Broad-spectrum cross-resistance in <i>Spodoptera exigua</i> from selection with a marginally toxic Cry protein. <i>Pest Management Science</i> , 2009, 65, 645-650.	3.4	25
71	Screening and identification of <i>vip</i> genes in <i>Bacillus thuringiensis</i> strains. <i>Journal of Applied Microbiology</i> , 2009, 107, 219-225.	3.1	60
72	Variability in the cadherin gene in an <i>Ostrinia nubilalis</i> strain selected for Cry1Ab resistance. <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 218-223.	2.7	24

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73	Binding of individual <i>Bacillus thuringiensis</i> Cry proteins to the olive moth <i>Prays oleae</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock	3.2	72
74	Field-evolved resistance to Bt toxins. <i>Nature Biotechnology</i> , 2008, 26, 1072-1074.	17.5	104
75	Insecticidal Genetically Modified Crops and Insect Resistance Management (IRM). , 2008, , 41-85.		66
76	Susceptibility of <i>Spodoptera exigua</i> to 9 toxins from <i>Bacillus thuringiensis</i> . <i>Journal of Invertebrate Pathology</i> , 2008, 97, 245-250.	3.2	70
77	Specific Binding of <i>Bacillus thuringiensis</i> Cry2A Insecticidal Proteins to a Common Site in the Midgut of <i>Helicoverpa</i> Species. <i>Applied and Environmental Microbiology</i> , 2008, 74, 7654-7659.	3.1	86
78	Production and Characterization of <i>Bacillus thuringiensis</i> Cry1Ac-Resistant Cotton Bollworm <i>Helicoverpa zea</i> (Boddie). <i>Applied and Environmental Microbiology</i> , 2008, 74, 462-469.	3.1	80
79	<i>Bacillus thuringiensis</i> Cry1Ac Toxin-Binding and Pore-Forming Activity in Brush Border Membrane Vesicles Prepared from Anterior and Posterior Midgut Regions of Lepidopteran Larvae. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1710-1716.	3.1	29
80	Selective inhibition of binding of <i>Bacillus thuringiensis</i> Cry1Ab toxin to cadherin-like and aminopeptidase proteins in brush-border membranes and dissociated epithelial cells from <i>Bombyx mori</i> . <i>Biochemical Journal</i> , 2008, 409, 215-221.	3.7	12
81	Mechanism of Resistance to <i>Bacillus thuringiensis</i> Toxin Cry1Ac in a Greenhouse Population of the Cabbage Looper, <i>Trichoplusia ni</i> . <i>Applied and Environmental Microbiology</i> , 2007, 73, 1199-1207.	3.1	88
82	Lack of Detrimental Effects of <i>Bacillus thuringiensis</i> Cry Toxins on the Insect Predator <i>Chrysoperla carnea</i> : a Toxicological, Histopathological, and Biochemical Analysis. <i>Applied and Environmental Microbiology</i> , 2006, 72, 1595-1603.	3.1	100
83	Molecular and Insecticidal Characterization of a Cry1I Protein Toxic to Insects of the Families Noctuidae, Tortricidae, Plutellidae, and Chrysomelidae. <i>Applied and Environmental Microbiology</i> , 2006, 72, 4796-4804.	3.1	44
84	Leucine Transport Is Affected by <i>Bacillus thuringiensis</i> Cry1 Toxins in Brush Border Membrane Vesicles from <i>Ostrinia nubilalis</i> Hb (Lepidoptera: Pyralidae) and <i>Sesamia nonagrioides</i> Lefebvre (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.1	30
85	Use of <i>Bacillus thuringiensis</i> Toxins for Control of the Cotton Pest <i>Earias insulana</i> (Boisd.) (Lepidoptera: Noctuidae). <i>Applied and Environmental Microbiology</i> , 2006, 72, 437-442.	3.1	30
86	Toxicity and Mode of Action of <i>Bacillus thuringiensis</i> Cry Proteins in the Mediterranean Corn Borer, <i>Sesamia nonagrioides</i> (Lefebvre). <i>Applied and Environmental Microbiology</i> , 2006, 72, 2594-2600.	3.1	42
87	Analyses of Cry1Ab Binding in Resistant and Susceptible Strains of the European Corn Borer, <i>Ostrinia nubilalis</i> (Hübner) (Lepidoptera: Crambidae). <i>Applied and Environmental Microbiology</i> , 2006, 72, 5318-5324.	3.1	28
88	Common Receptor for <i>Bacillus thuringiensis</i> Toxins Cry1Ac, Cry1Fa, and Cry1Ja in <i>Helicoverpa armigera</i> , <i>Helicoverpa zea</i> , and <i>Spodoptera exigua</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 5627-5629.	3.1	41
89	Isolation and toxicity of <i>Bacillus thuringiensis</i> from potato-growing areas in Bolivia. <i>Journal of Invertebrate Pathology</i> , 2005, 88, 8-16.	3.2	35
90	Interaction of <i>Bacillus thuringiensis</i> Toxins with Larval Midgut Binding Sites of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). <i>Applied and Environmental Microbiology</i> , 2004, 70, 1378-1384.	3.1	89

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91	Mutations in the <i>Bacillus thuringiensis</i> Cry1Ca toxin demonstrate the role of domains II and III in specificity towards <i>Spodoptera exigua</i> larvae. <i>Biochemical Journal</i> , 2004, 384, 507-513.	3.7	61
92	Binding analyses of Cry1Ab and Cry1Ac with membrane vesicles from <i>Bacillus thuringiensis</i> -resistant and -susceptible <i>Ostrinia nubilalis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 52-57.	2.1	32
93	Lyophilization of lepidopteran midguts: a preserving method for <i>Bacillus thuringiensis</i> toxin binding studies. <i>Journal of Invertebrate Pathology</i> , 2004, 85, 182-187.	3.2	24
94	Correlation between serovars of <i>Bacillus thuringiensis</i> and type I $\delta^2$ -exotoxin production. <i>Journal of Invertebrate Pathology</i> , 2003, 82, 57-62.	3.2	18
95	Binding of <i>Bacillus thuringiensis</i> toxins in resistant and susceptible strains of pink bollworm ( <i>Pectinophora gossypiella</i> ). <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 929-935.	2.7	74
96	Extent of Variation of the <i>Bacillus thuringiensis</i> Toxin Reservoir: the Case of the Geranium Bronze, <i>Cacyreus marshalli</i> Butler (Lepidoptera: Lycaenidae). <i>Applied and Environmental Microbiology</i> , 2002, 68, 4090-4094.	3.1	18
97	Biochemistry and Genetics of Insect Resistance to <i>Bacillus thuringiensis</i> . <i>Annual Review of Entomology</i> , 2002, 47, 501-533.	11.8	823
98	Comparison of Different Methodologies for Binding Assays of <i>Bacillus thuringiensis</i> Toxins to Membrane Vesicles from Insect Midguts. <i>Journal of Invertebrate Pathology</i> , 2001, 78, 275-277.	3.2	1
99	Update on the detection of beta-exotoxin in <i>Bacillus thuringiensis</i> strains by HPLC analysis. <i>Journal of Applied Microbiology</i> , 2001, 90, 643-647.	3.1	16
100	Mode of inheritance and stability of resistance to <i>Bacillus thuringiensis varkurstaki</i> in a diamondback moth ( <i>Plutella xylostella</i> ) population from Malaysia. <i>Pest Management Science</i> , 2000, 56, 743-748.	3.4	48
101	Characterization of <i>Bacillus thuringiensis</i> ser. balearica (Serotype H48) and ser. navarrensis (Serotype) Tj ETQq1 1 0,784314 rgBT /Overlock 18	2.2	18
102	Development and Characterization of Diamondback Moth Resistance to Transgenic Broccoli Expressing High Levels of Cry1C. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3784-3789.	3.1	114
103	Binding and Toxicity of <i>Bacillus thuringiensis</i> Protein Cry1C to Susceptible and Resistant Diamondback Moth (Lepidoptera: Plutellidae). <i>Journal of Economic Entomology</i> , 2000, 93, 1-6.	1.8	27
104	Screening for <i>Bacillus thuringiensis</i> Crystal Proteins Active against the Cabbage Looper, <i>Trichoplusia ni</i> . <i>Journal of Invertebrate Pathology</i> , 2000, 76, 70-75.	3.2	26
105	Histopathological Effects and Growth Reduction in a Susceptible and a Resistant Strain of <i>Heliothis virescens</i> (Lepidoptera: Noctuidae) Caused by Sublethal Doses of Pure Cry1A Crystal Proteins from <i>Bacillus thuringiensis</i> . <i>Biocontrol Science and Technology</i> , 1999, 9, 239-246.	1.3	57
106	Identification and characterization of the new <i>Bacillus thuringiensis</i> serovars pirenaica (serotype) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 21	3.1	21
107	Distribution of cryI, cryII and cryV Genes within <i>Bacillus thuringiensis</i> Isolates from Spain. <i>Systematic and Applied Microbiology</i> , 1999, 22, 179-185.	2.8	46
108	Environmental Distribution and Diversity of <i>Bacillus thuringiensis</i> in Spain. <i>Systematic and Applied Microbiology</i> , 1998, 21, 97-106.	2.8	62



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109	Mitochondrial Dna Sequence Variation among Geographic Strains of Diamondback Moth (Lepidoptera:) Tj ETQq1	1.0, 2.5	784314, 225
110	Occurrence of a common binding site in <i>Mamestra brassicae</i> , <i>Phthorimaea operculella</i> , and <i>Spodoptera exigua</i> for the insecticidal crystal proteins CryIA from <i>Bacillus thuringiensis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1997, 27, 651-656.	2.7	33
111	Distribution, frequency and diversity of <i>Bacillus thuringiensis</i> in olive tree environments in Spain. <i>Systematic and Applied Microbiology</i> , 1997, 20, 652-658.	2.8	31
112	Characterization of sepiapterin reductase activity from <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1996, 113, 131-136.	1.6	8
113	<i>Bacillus thuringiensis</i> Crystal Proteins CRY1Ab and CRY1Fa Share a High Affinity Binding Site in <i>Plutella xylostella</i> (L.). <i>Biochemical and Biophysical Research Communications</i> , 1996, 224, 779-783.	2.1	55
114	Identification of pteridines in the firebug, <i>Pyrrhocoris apterus</i> (L.) (Heteroptera, Pyrrhocoridae) by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1996, 724, 193-197.	3.7	16
115	Inheritance of resistance to a <i>Bacillus thuringiensis</i> toxin in a field population of diamondback moth ( <i>Plutella xylostella</i> ). <i>Pest Management Science</i> , 1995, 43, 115-120.	0.4	24
116	Testing Suitability of Brush Border Membrane Vesicles Prepared from Whole Larvae from Small Insects for Binding Studies with <i>Bacillus thuringiensis</i> CryIA(b) Crystal Protein. <i>Journal of Invertebrate Pathology</i> , 1995, 65, 318-320.	3.2	29
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120	Catecholamines in <i>drosophila melanogaster</i> : DOPA and dopamine accumulation during development. <i>Insect Biochemistry and Molecular Biology</i> , 1992, 22, 491-494.	2.7	23
121	Developmental and biochemical studies on the phenylalanine hydroxylation system in <i>Drosophila melanogaster</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1992, 22, 633-638.	2.7	10
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125	Repetitive recycling of guanosine triphosphate cyclohydrolase I for synthesis of dihydroneopterin triphosphate. <i>Analytical Biochemistry</i> , 1989, 176, 15-18.	2.4	4
126	Regulation of pteridine biosynthesis and aromatic amino acid hydroxylation in <i>Drosophila melanogaster</i> . <i>Biochemical Genetics</i> , 1989, 27, 59-76.	1.7	10



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127	Sepiapterin reductase in human amniotic and skin fibroblasts, chorionic villi, and various blood fractions. <i>Clinica Chimica Acta</i> , 1988, 174, 271-282.	1.1	28
128	Identification of 5,6,7,8-tetrahydropterin and 5,6,7,8-tetrahydrobiopterin in <i>Drosophila melanogaster</i> . <i>Biochemical and Biophysical Research Communications</i> , 1988, 152, 49-55.	2.1	12
129	Sepiapterin reductase in cultured human cells. <i>Biochemical and Biophysical Research Communications</i> , 1987, 148, 1475-1481.	2.1	11
130	Purification of guanosine triphosphate cyclohydrolase I from <i>Escherichia coli</i> . <i>Journal of Chromatography A</i> , 1986, 357, 283-292.	3.7	10
131	Pigment patterns in mutants affecting the biosynthesis of pteridines and xanthommatin in <i>Drosophila melanogaster</i> . <i>Biochemical Genetics</i> , 1986, 24, 545-569.	1.7	68
132	Use of reversed-phase C18 Sep-Pak cartridges for the purification and concentration of sepiapterin and other pteridines. <i>Journal of Chromatography A</i> , 1985, 350, 389-398.	3.7	8
133	Nickel complexes of sepiapterin and 6-acetyldihydrohomopterin, a pyrimidodiazepine from <i>Drosophila</i> . <i>Bioorganic Chemistry</i> , 1985, 13, 296-311.	4.1	8