

Eitan Ben-Dov

List of Publications by Year in descending order

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76
papers

3,344
citations

147566

31
h-index

155451

55
g-index

77
all docs

77
docs citations

77
times ranked

3320
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete Sequence and Organization of pBtoxis, the Toxin-Coding Plasmid of <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> . <i>Applied and Environmental Microbiology</i> , 2002, 68, 5082-5095.	1.4	270
2	ScaleNet: a literature-based model of scale insect biology and systematics. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, .	1.4	248
3	Extended screening by PCR for seven cry-group genes from field-collected strains of <i>Bacillus thuringiensis</i> . <i>Applied and Environmental Microbiology</i> , 1997, 63, 4883-4890.	1.4	230
4	<i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> and Its Dipteran-Specific Toxins. <i>Toxins</i> , 2014, 6, 1222-1243.	1.5	169
5	Global distribution and diversity of coral-associated <i>Archaea</i> and their possible role in the coral holobiont nitrogen cycle. <i>Environmental Microbiology</i> , 2008, 10, 2979-2990.	1.8	137
6	Characterization of black band disease in Red Sea stony corals. <i>Environmental Microbiology</i> , 2007, 9, 1995-2006.	1.8	125
7	Coral mucus-associated bacterial communities from natural and aquarium environments. <i>FEMS Microbiology Letters</i> , 2007, 276, 106-113.	0.7	116
8	Quantification of Sulfate-reducing Bacteria in Industrial Wastewater, by Real-time Polymerase Chain Reaction (PCR) Using <i>dsrA</i> and <i>apsA</i> Genes. <i>Microbial Ecology</i> , 2007, 54, 439-451.	1.4	104
9	Iron-Coupled Anaerobic Oxidation of Methane Performed by a Mixed Bacterial-Archaeal Community Based on Poorly Reactive Minerals. <i>Environmental Science & Technology</i> , 2017, 51, 12293-12301.	4.6	100
10	Richness and Diversity in Dust Stormborne Biomes at the Southeast Mediterranean. <i>Scientific Reports</i> , 2014, 4, 5265.	1.6	90
11	An in situ method for cultivating microorganisms using a double encapsulation technique. <i>FEMS Microbiology Ecology</i> , 2009, 68, 363-371.	1.3	83
12	Mosquito larvicidal activity of <i>Escherichia coli</i> with combinations of genes from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> . <i>Journal of Bacteriology</i> , 1995, 177, 2851-2857.	1.0	80
13	Advantage of Using Inosine at the 3' Termini of 16S rRNA Gene Universal Primers for the Study of Microbial Diversity. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6902-6906.	1.4	79
14	A UV Tolerant Mutant of <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> Producing Melanin. <i>Current Microbiology</i> , 2002, 44, 25-30.	1.0	69
15	Cyt1Aa Toxin: Crystal Structure Reveals Implications for Its Membrane-Perforating Function. <i>Journal of Molecular Biology</i> , 2011, 413, 804-814.	2.0	64
16	High-Resolution Crystal Structure of Activated Cyt2Ba Monomer from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> . <i>Journal of Molecular Biology</i> , 2008, 380, 820-827.	2.0	56
17	<i>Pseudoscillatoria coralii</i> gen. nov., sp. nov., a cyanobacterium associated with coral black band disease (BBD). <i>Diseases of Aquatic Organisms</i> , 2009, 87, 91-96.	0.5	54
18	<i>Vibrio</i> sp. as a potentially important member of the Black Band Disease (BBD) consortium in <i>Favia</i> sp. corals. <i>FEMS Microbiology Ecology</i> , 2009, 70, 515-524.	1.3	53

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19	Identification of a protist-coral association and its possible ecological role. <i>Marine Ecology - Progress Series</i> , 2006, 317, 67-73.	0.9	52
20	Comparative Sensitivity to UV-B Radiation of Two <i>Bacillus thuringiensis</i> Subspecies and Other <i>Bacillus</i> sp.. <i>Current Microbiology</i> , 2001, 43, 140-143.	1.0	50
21	A new Thraustochytrid, strain Fng1, isolated from the surface mucus of the hermatypic coral <i>Fungia granulosa</i> . <i>FEMS Microbiology Ecology</i> , 2008, 64, 378-387.	1.3	47
22	Protection from UV-B Damage of Mosquito Larvicidal Toxins from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> Expressed in <i>Anabaena</i> PCC 7120. <i>Current Microbiology</i> , 2002, 45, 217-220.	1.0	45
23	Multiplex PCR Screening To Detect <i>cry9</i> Genes in <i>Bacillus thuringiensis</i> Strains. <i>Applied and Environmental Microbiology</i> , 1999, 65, 3714-3716.	1.4	44
24	Mosquito larvicidal activity of transgenic <i>Anabaena</i> PCC 7120 expressing toxin genes from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> . <i>FEMS Microbiology Letters</i> , 2003, 227, 189-195.	0.7	42
25	<i>Corynebacterium maris</i> sp. nov., a marine bacterium isolated from the mucus of the coral <i>Fungia granulosa</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2458-2463.	0.8	40
26	Mosquito larvicidal activity of transgenic <i>Anabaena</i> strain PCC 7120 expressing combinations of genes from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> . <i>Applied and Environmental Microbiology</i> , 1997, 63, 4971-4974.	1.4	40
27	Effect of Accessory Proteins P19 and P20 on Cytolytic Activity of Cyt1Aa from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> in <i>Escherichia coli</i> . <i>Current Microbiology</i> , 2001, 43, 355-364.	1.0	39
28	Refined, Circular Restriction Map of the <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> Plasmid Carrying the Mosquito Larvicidal Genes. <i>Plasmid</i> , 1999, 42, 186-191.	0.4	36
29	Toxicity and synergism in transgenic <i>Escherichia coli</i> expressing four genes from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> . <i>Environmental Microbiology</i> , 2001, 3, 798-806.	1.8	35
30	Variations in the mosquito larvicidal activities of toxins from <i>Bacillus thuringiensis</i> ssp. <i>israelensis</i> . <i>Environmental Microbiology</i> , 2008, 10, 2191-2199.	1.8	34
31	Stramenopile Microorganisms Associated with the Massive Coral <i>Favia</i> sp.. <i>Journal of Eukaryotic Microbiology</i> , 2010, 57, 236-244.	0.8	32
32	Changes in the bacterial community associated with black band disease in a Red Sea coral, <i>Favia</i> sp., in relation to disease phases. <i>Diseases of Aquatic Organisms</i> , 2015, 116, 47-58.	0.5	30
33	Influence of pH and ionic strength on transmission of plasmid DNA through ultrafiltration membranes. <i>Desalination</i> , 2008, 227, 111-119.	4.0	28
34	The fate of <i>Bacillus thuringiensis</i> var. <i>israelensis</i> in <i>B. thuringiensis</i> var. <i>israelensis</i> -killed pupae of <i>Aedes aegypti</i> . <i>Journal of Invertebrate Pathology</i> , 1990, 56, 312-316.	1.5	27
35	Cyt2Ba of <i>Bacillus thuringiensis israelensis</i> : Activation by putative endogenous protease. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 99-105.	1.0	27
36	Restriction map of the 125-kilobase plasmid of <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> carrying the genes that encode delta-endotoxins active against mosquito larvae. <i>Applied and Environmental Microbiology</i> , 1996, 62, 3140-3145.	1.4	26

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37	Specific Targeting to Murine Myeloma Cells of Cyt1Aa Toxin from <i>Bacillus thuringiensis</i> Subspecies israelensis. <i>Journal of Biological Chemistry</i> , 2007, 282, 28301-28308.	1.6	25
38	Growth and development of <i>Aedes aegypti</i> larvae at limiting food concentrations. <i>Acta Tropica</i> , 2014, 133, 42-44.	0.9	25
39	Germination, Growth, and Sporulation of <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> in Excreted Food Vacuoles of the Protozoan <i>Tetrahymena pyriformis</i> . <i>Applied and Environmental Microbiology</i> , 1998, 64, 1750-1758.	1.4	25
40	Suitability of <i>Anabaena</i> PCC7120 expressing mosquitocidal toxin genes from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> for biotechnological application. <i>Applied Microbiology and Biotechnology</i> , 2001, 57, 161-166.	1.7	24
41	Cyt1Ca from <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> : production in <i>Escherichia coli</i> and comparison of its biological activities with those of other Cyt-like proteins. <i>Microbiology (United Kingdom)</i> , 2006, 152, 2651-2659.	0.7	24
42	<i>Eilatimonas milleporae</i> gen. nov., sp. nov., a marine bacterium isolated from the hydrocoral <i>Millepora dichotoma</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1880-1884.	0.8	24
43	Title is missing!. <i>Journal of Applied Phycology</i> , 2000, 12, 461-467.	1.5	23
44	Preservation of Armoured Scale Insects on Angiosperm Leaves from the Eocene of Germany. <i>Acta Palaeontologica Polonica</i> , 2008, 53, 627-634.	0.4	23
45	Methane-related changes in prokaryotes along geochemical profiles in sediments of Lake Kinneret (Israel). <i>Biogeosciences</i> , 2015, 12, 2847-2860.	1.3	23
46	Microbial community structure and dynamics in a membrane bioreactor supplemented with the flame retardant dibromoneopentyl glycol. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17615-17624.	2.7	23
47	Changes in microbial diversity in industrial wastewater evaporation ponds following artificial salination. <i>FEMS Microbiology Ecology</i> , 2008, 66, 437-446.	1.3	22
48	Geographic Specific Coral-Associated Ammonia-Oxidizing Archaea in the Northern Gulf of Eilat (Red Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	21
49	Compaction of the <i>Escherichia coli</i> nucleoid caused by Cyt1Aa. <i>Microbiology (United Kingdom)</i> , 2003, 149, 3553-3564.	0.7	19
50	Ingested particles reduce susceptibility of insect larvae to <i>Bacillus thuringiensis</i> . <i>Journal of Applied Entomology</i> , 2003, 127, 146-152.	0.8	17
51	PCR Analysis of cry7 Genes in <i>Bacillus thuringiensis</i> by the Five Conserved Blocks of Toxins. <i>Current Microbiology</i> , 2001, 42, 96-99.	1.0	16
52	Microbial transcriptome profiling of black band disease in a Faviid coral during a seasonal disease peak. <i>Diseases of Aquatic Organisms</i> , 2016, 118, 77-89.	0.5	15
53	Enduring toxicity of transgenic <i>Anabaena</i> PCC 7120 expressing mosquito larvicidal genes from <i>Bacillus thuringiensis</i> ssp. <i>israelensis</i> +. <i>Environmental Microbiology</i> , 2003, 5, 997-1001.	1.8	14
54	Biofilm formation on RO membranes: the impact of seawater pretreatment. <i>Desalination and Water Treatment</i> , 2016, 57, 4741-4748.	1.0	14

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55	Protozoan-Enhanced Toxicity of <i>Bacillus thuringiensis</i> var. <i>israelensis</i> Î-Endotoxin against <i>Aedes aegypti</i> Larvae. <i>Journal of Invertebrate Pathology</i> , 1994, 63, 244-248.	1.5	13
56	Larvicidal activities against agricultural pests of transgenic <i>Escherichia coli</i> expressing combinations of four genes from <i>Bacillus thuringiensis</i> . <i>Archives of Microbiology</i> , 2007, 188, 643-653.	1.0	12
57	Cross-resistance spectra of <i>Culex quinquefasciatus</i> resistant to mosquitoicidal toxins of <i>Bacillus thuringiensis</i> towards recombinant <i>Escherichia coli</i> expressing genes from <i>B. thuringiensis</i> sp. <i>israelensis</i> . <i>Environmental Microbiology</i> , 2007, 9, 1393-1401.	1.8	11
58	Long-term surveillance of sulfate-reducing bacteria in highly saline industrial wastewater evaporation ponds. <i>Saline Systems</i> , 2009, 5, 2.	2.0	11
59	Bioencapsulation and delivery to mosquito larvae of <i>Bacillus thuringiensis</i> H14 toxicity by <i>Tetrahymena pyriformis</i> . <i>Journal of Invertebrate Pathology</i> , 1991, 58, 455-457.	1.5	10
60	Transgenic organisms expressing genes from <i>Bacillus thuringiensis</i> to combat insect pests. <i>Bioengineered Bugs</i> , 2010, 1, 341-344.	2.0	10
61	Bacterial Consortium of <i>Millepora dichotoma</i> Exhibiting Unusual Multifocal Lesion Event in the Gulf of Eilat, Red Sea. <i>Microbial Ecology</i> , 2013, 65, 50-59.	1.4	10
62	The basis for rootstock resilient to <i>Capnodis</i> species: screening for genes encoding Î-endotoxins from <i>Bacillus thuringiensis</i> . <i>Pest Management Science</i> , 2014, 70, 1283-1290.	1.7	10
63	Shifting Cyanobacterial Diversity in Response to Agricultural Soils Associated with Dust Emission. <i>Land Degradation and Development</i> , 2017, 28, 878-886.	1.8	10
64	Diversity of Bacterial Biota in <i>Capnodis tenebrionis</i> (Coleoptera: Buprestidae) Larvae. <i>Pathogens</i> , 2019, 8, 4.	1.2	9
65	Substitution by Inosine at the 3'â€²-Ultimate and Penultimate Positions of 16S rRNA Gene Universal Primers. <i>Microbial Ecology</i> , 2011, 61, 1-6.	1.4	8
66	Biodegradation of chloro- and bromobenzoic acids: Effect of milieu conditions and microbial community analysis. <i>Journal of Hazardous Materials</i> , 2015, 287, 24-31.	6.5	7
67	Early Cretaceous mealybug herbivory on a laurel highlights the deep-time history of angiosperm-scale insect associations. <i>New Phytologist</i> , 2021, 232, 1414-1423.	3.5	7
68	Molecular diversity and specificity of acol worms associated with corals in the Gulf of Eilat (Red) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2	0.5	7
69	Title is missing!. <i>Current Microbiology</i> , 2001, 42, 96.	1.0	7
70	Spores of <i>Bacillus thuringiensis</i> serovar <i>israelensis</i> as Tracers for Ingestion Rates by <i>Tetrahymena pyriformis</i> . <i>Journal of Invertebrate Pathology</i> , 1994, 63, 220-222.	1.5	6
71	Nextbase™ effect on PCR amplification. <i>Environmental Microbiology Reports</i> , 2012, 4, 183-188.	1.0	6
72	Initiation of the microgene polymerization reaction with non-repetitive homo-duplexes. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 606-613.	1.0	4

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73	Inosine at Different Primer Positions to Study Structure and Diversity of Prokaryotic Populations. <i>Current Issues in Molecular Biology</i> , 2015, 17, 53-6.	1.0	4
74	Impact of Biocides on Hydrogen Sulfide Production and Growth of <i>Desulfovibrio vulgaris</i> . <i>Clean - Soil, Air, Water</i> , 2016, 44, 1423-1427.	0.7	2
75	Digestibility by and pathogenicity of the protozoa <i>Tetrahymena pyriformis</i> to larvae of <i>Aedes aegypti</i> . <i>Journal of Invertebrate Pathology</i> , 1992, 59, 332-334.	1.5	1
76	Modular columns to study depth-dependence behavior of mosquito larvae and toxicity of <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> . <i>Acta Tropica</i> , 2011, 117, 229-232.	0.9	0