

# Eric S Miller

## List of Publications by Year in descending order

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32  
papers

1,852  
citations

430874

18  
h-index

434195

31  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1892  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacteriophage T4 Genome. <i>Microbiology and Molecular Biology Reviews</i> , 2003, 67, 86-156.	6.6	673
2	Complete Genome Sequence of the Broad-Host-Range Vibriophage KVP40: Comparative Genomics of a T4-Related Bacteriophage. <i>Journal of Bacteriology</i> , 2003, 185, 5220-5233.	2.2	214
3	An inclusive Research Education Community (iREC): Impact of the SEA-PHAGES program on research outcomes and student learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13531-13536.	7.1	155
4	Genomes of the T4-related bacteriophages as windows on microbial genome evolution. <i>Virology Journal</i> , 2010, 7, 292.	3.4	152
5	Nucleotide sequence and expression of <i>kerA</i> , the gene encoding a keratinolytic protease of <i>Bacillus licheniformis</i> PWD-1. <i>Applied and Environmental Microbiology</i> , 1995, 61, 1469-1474.	3.1	123
6	Expression of the <i>Bacillus licheniformis</i> PWD-1 keratinase gene in <i>B. subtilis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 1997, 19, 134-138.	3.0	50
7	Translational repression: Biological activity of plasmid-encoded bacteriophage T4 RegA protein. <i>Journal of Molecular Biology</i> , 1987, 194, 397-410.	4.2	36
8	<i>Vibrio</i> Phage KVP40 Encodes a Functional NAD <sup>+</sup> Salvage Pathway. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	36
9	The bacteriophage T4regA gene: primary sequence of a translational repressor. <i>Nucleic Acids Research</i> , 1984, 12, 5979-5993.	14.5	34
10	Post-transcriptional control by bacteriophage T4: mRNA decay and inhibition of translation initiation. <i>Virology Journal</i> , 2010, 7, 360.	3.4	34
11	A Family of Anti- $\lambda$ 70 Proteins in T4-type Phages and Bacteria that are Similar to AsiA, a Transcription Inhibitor and Co-activator of Bacteriophage T4. <i>Journal of Molecular Biology</i> , 2004, 344, 1183-1197.	4.2	33
12	Characterization of bacteriophage KVP40 and T4 RNA ligase 2. <i>Virology</i> , 2004, 319, 141-151.	2.4	29
13	Regions of bacteriophage T4 and RB69 RegA translational repressor proteins that determine RNA-binding specificity.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 5053-5057.	7.1	28
14	Cloning and characterization of <i>gdhA</i> , the structural gene for glutamate dehydrogenase of <i>Salmonella typhimurium</i> . <i>Journal of Bacteriology</i> , 1984, 157, 171-178.	2.2	28
15	Expression of the bacteriophage T4 lysozyme gene in tall fescue confers resistance to gray leaf spot and brown patch diseases. <i>Transgenic Research</i> , 2008, 17, 47-57.	2.4	24
16	Photophysical Characterization of the Naturally Occurring Dioxobacteriochlorin Tolyporphin A and Synthetic Oxobacteriochlorin Analogues. <i>Photochemistry and Photobiology</i> , 2017, 93, 1204-1215.	2.5	24
17	Genome Sequences of Six <i>Paenibacillus</i> larvae Siphoviridae Phages. <i>Genome Announcements</i> , 2015, 3, .	0.8	23
18	RNA-Binding Properties of In Vitro Expressed Histidine-Tagged RB69 RegA Translational Repressor Protein. <i>Analytical Biochemistry</i> , 1999, 269, 32-37.	2.4	20

#	ARTICLE	IF	CITATIONS
19	Genome Sequence and Composition of a Tolyporphin-Producing Cyanobacterium-Microbial Community. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	18
20	Sequence analysis of conserved regA and variable orf43.1 genes in T4-like bacteriophages. <i>Journal of Bacteriology</i> , 1990, 172, 5180-5186.	2.2	16
21	Quantitation of Tolyporphins, Diverse Tetrapyrrole Secondary Metabolites with Chlorophyllâ€Like Absorption, from a Filamentous Cyanobacteriumâ€Microbial Community. <i>Phytochemical Analysis</i> , 2018, 29, 205-216.	2.4	15
22	Genome sequence, metabolic properties and cyanobacterial attachment of Porphyrobacter sp. HT-58-2 isolated from a filamentous cyanobacteriumâ€microbial consortium. <i>Microbiology (United Kingdom)</i> , 2018, 164, 1229-1239.	1.8	15
23	Subtilisins of <i>Bacillus</i> spp. hydrolyze keratin and allow growth on feathers. <i>Canadian Journal of Microbiology</i> , 2000, 46, 1004-1011.	1.7	15
24	Cellular localization of tolyporphins, unusual tetrapyrroles, in a microbial photosynthetic community determined using hyperspectral confocal fluorescence microscopy. <i>Photosynthesis Research</i> , 2019, 141, 259-271.	2.9	13
25	Mass spectrometric detection of chlorophyll <i>a</i> and the tetrapyrrole secondary metabolite tolyporphin A in the filamentous cyanobacterium HT-58-2. Approaches to high-throughput screening of intact cyanobacteria. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 759-768.	0.8	9
26	Cloning vectors, mutagenesis, and gene disruption (ermR) for the erythromycin-producing bacterium <i>Aeromicrobium erythreum</i> . <i>Applied and Environmental Microbiology</i> , 1991, 57, 2758-2761.	3.1	7
27	Bacteriophage T4 and its relatives. <i>Virology Journal</i> , 2010, 7, 293.	3.4	6
28	Identification of Putative Biosynthetic Gene Clusters for Tolyporphins in Multiple Filamentous Cyanobacteria. <i>Life</i> , 2021, 11, 758.	2.4	6
29	Genome Sequence of <i>Aeromicrobium erythreum</i> NRRL B-3381, an Erythromycin-Producing Bacterium of the <i>Nocardioideae</i> . <i>Genome Announcements</i> , 2016, 4, .	0.8	5
30	Natural Product Gene Clusters in the Filamentous Nostocales Cyanobacterium HT-58-2. <i>Life</i> , 2021, 11, 356.	2.4	5
31	In vitro selection of phage RB69 RegA RNA binding sites yields UAA triplets. <i>Virology</i> , 2005, 336, 26-36.	2.4	4
32	An <i>E. coli</i> B mutation, rpoB5081, that prevents growth of phage T4 strains defective in host DNA degradation. <i>FEMS Microbiology Letters</i> , 2006, 157, 109-116.	1.8	1