# Eric S Miller

List of Publications by Year
in descending order



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|---|---|---|---|
| 32 papers | 1,852 citations | 489802 18 h-index | 488211 31 g-index |
| 46 all docs | 46 docs citations | 46 times ranked | 2123 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Natural Product Gene Clusters in the Filamentous Nostocales Cyanobacterium HT-58-2. Life, 2021, 11, 356. | 1.1 | 5 |
| 2 | Identification of Putative Biosynthetic Gene Clusters for Tolyporphins in Multiple Filamentous Cyanobacteria. Life, 2021, 11, 758. | 1.1 | 6 |
| 3 | Cellular localization of tolyporphins, unusual tetrapyrroles, in a microbial photosynthetic community determined using hyperspectral confocal fluorescence microscopy. Photosynthesis Research, 2019, 141, 259-271. | 1.6 | 13 |
| 4 | Quantitation of Tolyporphins, Diverse Tetrapyrrole Secondary Metabolites with Chlorophyllâ€Like Absorption, from a Filamentous Cyanobacteriumâ€“Microbial Community. Phytochemical Analysis, 2018, 29, 205-216. | 1.2 | 15 |
| 5 | Genome sequence, metabolic properties and cyanobacterial attachment of Porphyrobacter sp. HT-58-2 isolated from a filamentous cyanobacteriumâ€“microbial consortium. Microbiology (United Kingdom), 2018, 164, 1229-1239. | 0.7 | 15 |
| 6 | Vibrio Phage KVP40 Encodes a Functional NAD <sup>+</sup> Salvage Pathway. Journal of Bacteriology, 2017, 199, . | 1.0 | 36 |
| 7 | Photophysical Characterization of the Naturally Occurring Dioxobacteriochlorin Tolyporphin A and Synthetic Oxobacteriochlorin Analogues. Photochemistry and Photobiology, 2017, 93, 1204-1215. | 1.3 | 24 |
| 8 | Genome Sequence and Composition of a Tolyporphin-Producing Cyanobacterium-Microbial Community. Applied and Environmental Microbiology, 2017, 83, . | 1.4 | 18 |
| 9 | An inclusive Research Education Community (iREC): Impact of the SEA-PHAGES program on research outcomes and student learning. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13531-13536. | 3.3 | 155 |
| 10 | Mass spectrometric detection of chlorophyll a and the tetrapyrrole secondary metabolite tolyporphin A in the filamentous cyanobacterium HT-58-2. Approaches to high-throughput screening of intact cyanobacteria. Journal of Porphyrins and Phthalocyanines, 2017, 21, 759-768. | 0.4 | 9 |
| 11 | Genome Sequence of Aeromicrobium erythreum NRRL B-3381, an Erythromycin-Producing Bacterium of the Nocardioidaceae. Genome Announcements, 2016, 4, . | 0.8 | 5 |
| 12 | Genome Sequences of Six Paenibacillus larvae Siphoviridae Phages. Genome Announcements, 2015, 3, . | 0.8 | 23 |
| 13 | Genomes of the T4-related bacteriophages as windows on microbial genome evolution. Virology Journal, 2010, 7, 292. | 1.4 | 152 |
| 14 | Bacteriophage T4 and its relatives. Virology Journal, 2010, 7, 293. | 1.4 | 6 |
| 15 | Post-transcriptional control by bacteriophage T4: mRNA decay and inhibition of translation initiation. Virology Journal, 2010, 7, 360. | 1.4 | 34 |
| 16 | Expression of the bacteriophage T4 lysozyme gene in tall fescue confers resistance to gray leaf spot and brown patch diseases. Transgenic Research, 2008, 17, 47-57. | 1.3 | 24 |
| 17 | An E. coli B mutation, rpoB5081, that prevents growth of phage T4 strains defective in host DNA degradation. FEMS Microbiology Letters, 2006, 157, 109-116. | 0.7 | 1 |
| 18 | In vitro selection of phage RB69 RegA RNA binding sites yields UAA triplets. Virology, 2005, 336, 26-36. | 1.1 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Characterization of bacteriophage KVP40 and T4 RNA ligase 2. Virology, 2004, 319, 141-151. | 1.1 | 29 |
| 20 | A Family of Anti-Ïƒ70 Proteins in T4-type Phages and Bacteria that are Similar to AsiA, a Transcription Inhibitor and Co-activator of Bacteriophage T4. Journal of Molecular Biology, 2004, 344, 1183-1197. | 2.0 | 33 |
| 21 | Complete Genome Sequence of the Broad-Host-Range Vibriophage KVP40: Comparative Genomics of a T4-Related Bacteriophage. Journal of Bacteriology, 2003, 185, 5220-5233. | 1.0 | 214 |
| 22 | Bacteriophage T4 Genome. Microbiology and Molecular Biology Reviews, 2003, 67, 86-156. | 2.9 | 673 |
| 23 | Subtilisins of Bacillus spp. hydrolyze keratin and allow growth on feathers. Canadian Journal of Microbiology, 2000, 46, 1004-1011. | 0.8 | 15 |
| 24 | RNA-Binding Properties ofin VitroExpressed Histidine-Tagged RB69 RegA Translational Repressor Protein. Analytical Biochemistry, 1999, 269, 32-37. | 1.1 | 20 |
| 25 | Expression of the Bacillus licheniformis PWD-1 keratinase gene in B. subtilis. Journal of Industrial Microbiology and Biotechnology, 1997, 19, 134-138. | 1.4 | 50 |
| 26 | Nucleotide sequence and expression of kerA, the gene encoding a keratinolytic protease of Bacillus licheniformis PWD-1. Applied and Environmental Microbiology, 1995, 61, 1469-1474. | 1.4 | 123 |
| 27 | Regions of bacteriophage T4 and RB69 RegA translational repressor proteins that determine RNA-binding specificity.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 5053-5057. | 3.3 | 28 |
| 28 | Cloning vectors, mutagenesis, and gene disruption (ermR) for the erythromycin-producing bacterium Aeromicrobium erythreum. Applied and Environmental Microbiology, 1991, 57, 2758-2761. | 1.4 | 7 |
| 29 | Sequence analysis of conserved regA and variable orf43.1 genes in T4-like bacteriophages. Journal of Bacteriology, 1990, 172, 5180-5186. | 1.0 | 16 |
| 30 | Translational repression: Biological activity of plasmid-encoded bacteriophage T4 RegA protein. Journal of Molecular Biology, 1987, 194, 397-410. | 2.0 | 36 |
| 31 | The bacteriophage T4regAgene: primary sequence of a translational repressor. Nucleic Acids Research, 1984, 12, 5979-5993. | 6.5 | 34 |
| 32 | Cloning and characterization of gdhA, the structural gene for glutamate dehydrogenase of Salmonella typhimurium. Journal of Bacteriology, 1984, 157, 171-178. | 1.0 | 28 |