

# Daniel Tillet

## List of Publications by Year in descending order

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32  
papers

2,625  
citations

430874

18  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2898  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural organization of microcystin biosynthesis in <i>Microcystis aeruginosa</i> PCC7806: an integrated peptide-polyketide synthetase system. <i>Chemistry and Biology</i> , 2000, 7, 753-764.	6.0	852
2	Xanthogenate nucleic acid isolation from cultured and environmental cyanobacteria. <i>Journal of Phycology</i> , 2000, 36, 251-258.	2.3	336
3	Site-directed, Ligase-Independent Mutagenesis (SLIM): a single-tube methodology approaching 100% efficiency in 4 h. <i>Nucleic Acids Research</i> , 2004, 32, e174-e174.	14.5	297
4	Detection of Toxigenicity by a Probe for the Microcystin Synthetase A Gene ( <i>mcyA</i> ) of the Cyanobacterial Genus <i>Microcystis</i> : Comparison of Toxicities with 16S rRNA and Phycocyanin Operon (Phycocyanin Intergenic Spacer) Phylogenies. <i>Applied and Environmental Microbiology</i> , 2001, 67, 2810-2818.	3.1	239
5	Enzyme-free cloning: a rapid method to clone PCR products independent of vector restriction enzyme sites. <i>Nucleic Acids Research</i> , 1999, 27, 26e-26.	14.5	105
6	An examination of the mechanisms for stable foam formation in activated sludge systems. <i>Water Research</i> , 2011, 45, 2146-2154.	11.3	87
7	Site-directed, Ligase-Independent Mutagenesis (SLIM) for highly efficient mutagenesis of plasmids greater than 8kb. <i>Journal of Microbiological Methods</i> , 2008, 73, 195-198.	1.6	74
8	Characterization of the Genome of the Polyvalent Lytic Bacteriophage GTE2, Which Has Potential for Biocontrol of <i>Gordonia</i> -, <i>Rhodococcus</i> -, and <i>Nocardia</i> -Stabilized Foams in Activated Sludge Plants. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3923-3929.	3.1	69
9	Prevention of <i>Gordonia</i> and <i>Nocardia</i> Stabilized Foam Formation by Using Bacteriophage GTE7. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7864-7867.	3.1	65
10	Genome Sequence and Characterization of the <i>Tsukamurella</i> Bacteriophage TPA2. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1389-1398.	3.1	59
11	Optimized Rapid Amplification of cDNA Ends (RACE) for Mapping Bacterial mRNA Transcripts. <i>BioTechniques</i> , 2000, 28, 448-456.	1.8	56
12	The importance of naturally attenuated SARS-CoV-2 in the fight against COVID-19. <i>Environmental Microbiology</i> , 2020, 22, 1997-2000.	3.8	54
13	IMPROVED METHODS FOR THE ISOLATION OF CYANOBACTERIAL DNA FROM ENVIRONMENTAL SAMPLES <sup>1</sup> . <i>Journal of Phycology</i> , 2009, 45, 517-521.	2.3	40
14	Small but Sufficient: the <i>Rhodococcus</i> Phage RRH1 Has the Smallest Known Siphoviridae Genome at 14.2 Kilobases. <i>Journal of Virology</i> , 2012, 86, 358-363.	3.4	36
15	Genome Sequences and Characterization of the Related <i>Gordonia</i> Phages GTE5 and GRU1 and Their Use as Potential Biocontrol Agents. <i>Applied and Environmental Microbiology</i> , 2012, 78, 42-47.	3.1	34
16	Extracting nucleic acids from activated sludge which reflect community population diversity. <i>Antonie Van Leeuwenhoek</i> , 2009, 96, 593-605.	1.7	28
17	Non-target sites with single nucleotide insertions or deletions are frequently found in 16S rRNA sequences and can lead to false positives in fluorescence <i>in situ</i> hybridization (FISH). <i>Environmental Microbiology</i> , 2011, 13, 33-47.	3.8	23
18	Simple and Safe Method for Simultaneous Isolation of Microbial RNA and DNA from Problematic Populations. <i>Applied and Environmental Microbiology</i> , 2008, 74, 6806-6807.	3.1	21

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19	Genome sequence and characterization of a <i>Rhodococcus equi</i> phage REQ1. <i>Virus Genes</i> , 2013, 46, 588-590.	1.6	21
20	Characterization and whole genome sequences of the <i>Rhodococcus</i> bacteriophages RGL3 and RER2. <i>Archives of Virology</i> , 2013, 158, 601-609.	2.1	20
21	Butanol Purification of Dye Terminator Sequencing Reactions. <i>BioTechniques</i> , 1999, 26, 606-610.	1.8	15
22	Isolation and complete genome sequence of a bacteriophage lysing <i>Tetrasphaera jenkinsii</i> , a filamentous bacteria responsible for bulking in activated sludge. <i>Virus Genes</i> , 2012, 45, 380-388.	1.6	15
23	A Novel Method of Extracting Plasmid DNA from <i>Helicobacter</i> Species. <i>Helicobacter</i> , 1998, 3, 269-277.	3.5	14
24	Back to the kitchen: Food-grade agar is a low-cost alternative to bacteriological agar. <i>Analytical Biochemistry</i> , 2012, 429, 140-141.	2.4	12
25	Genome sequence of the <i>Nocardia</i> bacteriophage NBR1. <i>Archives of Virology</i> , 2014, 159, 167-173.	2.1	12
26	FACS enrichment and identification of floc-associated alphaproteobacterial tetrad-forming organisms in an activated sludge community. <i>FEMS Microbiology Letters</i> , 2008, 285, 130-135.	1.8	11
27	Small-Scale Preparation of the Single-Copy Bacterial Artificial Chromosome Vector pBeloBAC11. <i>BioTechniques</i> , 1998, 24, 568-572.	1.8	9
28	Enzyme-Free Cloning of PCR Products and Fusion Protein Expression. , 2002, 192, 125-132.		7
29	Coexpression of the subunits of T7 DNA polymerase from an artificial operon allows one-step purification of active gp5/Trx complex. <i>Protein Expression and Purification</i> , 2006, 47, 264-272.	1.3	5
30	An Improved Method for the Purification of Large DNA Fragments from Agarose Gels Using WizardPlusSV Columns. <i>Analytical Biochemistry</i> , 1999, 269, 218-219.	2.4	4
31	Mutation of Phe102 to Ser in the carboxyl terminal helix of <i>Escherichia coli</i> thioredoxin affects the stability and processivity of T7 DNA polymerase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 64, 477-485.	2.6	4
32	Primer fabrication using polymerase mediated oligonucleotide synthesis. <i>BMC Genomics</i> , 2009, 10, 344.	2.8	1