

# Annika Gillis

## List of Publications by Year in descending order

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42  
papers

1,682  
citations

471509

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302126

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docs citations

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times ranked

1969  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the Antimicrobial Compounds Produced by Members of the <i>Bacillus subtilis</i> Group. <i>Frontiers in Microbiology</i> , 2019, 10, 302.	3.5	425
2	Taxonomy of prokaryotic viruses: 2017 update from the ICTV Bacterial and Archaeal Viruses Subcommittee. <i>Archives of Virology</i> , 2018, 163, 1125-1129.	2.1	172
3	Taxonomy of prokaryotic viruses: 2018-2019 update from the ICTV Bacterial and Archaeal Viruses Subcommittee. <i>Archives of Virology</i> , 2020, 165, 1253-1260.	2.1	144
4	Versatile Antagonistic Activities of Soil-Borne <i>Bacillus</i> spp. and <i>Pseudomonas</i> spp. against <i>Phytophthora infestans</i> and Other Potato Pathogens. <i>Frontiers in Microbiology</i> , 2018, 9, 143.	3.5	114
5	Phages Preying on <i>Bacillus anthracis</i> , <i>Bacillus cereus</i> , and <i>Bacillus thuringiensis</i> : Past, Present and Future. <i>Viruses</i> , 2014, 6, 2623-2672.	3.3	89
6	Analysis of Spounaviruses as a Case Study for the Overdue Reclassification of Tailed Phages. <i>Systematic Biology</i> , 2020, 69, 110-123.	5.6	89
7	Taxonomy of prokaryotic viruses: update from the ICTV bacterial and archaeal viruses subcommittee. <i>Archives of Virology</i> , 2016, 161, 1095-1099.	2.1	83
8	Taxonomy of prokaryotic viruses: 2016 update from the ICTV bacterial and archaeal viruses subcommittee. <i>Archives of Virology</i> , 2017, 162, 1153-1157.	2.1	57
9	Nanoscale imaging of <i>Bacillus thuringiensis</i> flagella using atomic force microscopy. <i>Nanoscale</i> , 2012, 4, 1585-1591.	5.6	34
10	Role of plasmid plasticity and mobile genetic elements in the entomopathogen <i>Bacillus thuringiensis</i> serovar israelensis. <i>FEMS Microbiology Reviews</i> , 2018, 42, 829-856.	8.6	33
11	Influence of Lysogeny of Tectiviruses GIL01 and GIL16 on <i>Bacillus thuringiensis</i> Growth, Biofilm Formation, and Swarming Motility. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7620-7630.	3.1	28
12	Prevalence, Genetic Diversity, and Host Range of Tectiviruses among Members of the <i>Bacillus cereus</i> Group. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4138-4152.	3.1	28
13	Comparative genomics of extrachromosomal elements in <i>Bacillus thuringiensis</i> subsp. israelensis. <i>Research in Microbiology</i> , 2017, 168, 331-344.	2.1	28
14	Bacilysin within the <i>Bacillus subtilis</i> group: gene prevalence versus antagonistic activity against Gram-negative foodborne pathogens. <i>Journal of Biotechnology</i> , 2021, 327, 28-35.	3.8	28
15	Identification of five novel tectiviruses in <i>Bacillus</i> strains: analysis of a highly variable region generating genetic diversity. <i>Research in Microbiology</i> , 2013, 164, 118-126.	2.1	24
16	Bacterial Viruses Subcommittee and Archaeal Viruses Subcommittee of the ICTV: update of taxonomy changes in 2021. <i>Archives of Virology</i> , 2021, 166, 3239-3244.	2.1	24
17	<i>Serratia marcescens</i> associated with bell pepper ( <i>Capsicum annuum</i> L.) soft-rot disease under greenhouse conditions. <i>European Journal of Plant Pathology</i> , 2014, 138, 1-8.	1.7	21
18	Detection of the cryptic prophage-like molecule pBtic235 in <i>Bacillus thuringiensis</i> subsp. israelensis. <i>Research in Microbiology</i> , 2017, 168, 319-330.	2.1	19

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19	Modifications of cell wall polymers in Gram-positive bacteria by multi-component transmembrane glycosylation systems. <i>Current Opinion in Microbiology</i> , 2021, 60, 24-33.	5.1	19
20	First Report of Bell Pepper Soft-Rot Caused by <i>Pectobacterium carotovorum</i> subsp. <i>brasiliense</i> in Venezuela. <i>Plant Disease</i> , 2017, 101, 1671-1671.	1.4	18
21	Tomato Twisted Leaf Virus: A Novel Indigenous New World Monopartite Begomovirus Infecting Tomato in Venezuela. <i>Viruses</i> , 2019, 11, 327.	3.3	18
22	<i>Bacillus thuringiensis</i> improved isolation methodology from soil samples. <i>Journal of Microbiological Methods</i> , 2008, 75, 357-358.	1.6	17
23	Atomic force microscopy: A powerful tool for studying bacterial swarming motility. <i>Micron</i> , 2012, 43, 1304-1311.	2.2	16
24	pXO16 from <i>Bacillus thuringiensis</i> serovar <i>israelensis</i> : Almost 350â€‰kb of terra incognita. <i>Plasmid</i> , 2015, 80, 8-15.	1.4	15
25	A novel T4SSâ€­mediated DNA transfer used by pXO16, a conjugative plasmid from <i>Bacillus thuringiensis</i> serovar <i>israelensis</i> . <i>Environmental Microbiology</i> , 2018, 20, 1550-1561.	3.8	15
26	Occurrence of Six Begomoviruses Infecting Tomato Fields in Venezuela and Genetic Characterization of <i>Potato Yellow Mosaic Virus</i> Isolates. <i>Journal of Phytopathology</i> , 2016, 164, 697-703.	1.0	14
27	Low genetic diversity of Banana bunchy top virus, with a sub-regional pattern of variation, in Democratic Republic of Congo. <i>Virus Genes</i> , 2016, 52, 900-905.	1.6	13
28	Horizontal transfer of chromosomal markers mediated by the large conjugative plasmid pXO16 from <i>Bacillus thuringiensis</i> serovar <i>israelensis</i> . <i>Plasmid</i> , 2017, 91, 76-81.	1.4	12
29	Characterization of PlyB221 and PlyP32, Two Novel Endolysins Encoded by Phages Preying on the <i>Bacillus cereus</i> Group. <i>Viruses</i> , 2020, 12, 1052.	3.3	12
30	Bacterial Sexuality at the Nanoscale. <i>Nano Letters</i> , 2018, 18, 5821-5826.	9.1	11
31	Complete Genome Sequence of <i>Bacillus velezensis</i> CN026 Exhibiting Antagonistic Activity against Gram-Negative Foodborne Pathogens. <i>Genome Announcements</i> , 2018, 6, .	0.8	7
32	Biocontrol potential of phage Deep-Blue against psychrotolerant <i>Bacillus weihenstephanensis</i> . <i>Food Control</i> , 2019, 102, 94-103.	5.5	7
33	Complete genome sequence of bacteriophage Deep-Purple, a novel member of the family Siphoviridae infecting <i>Bacillus cereus</i> . <i>Archives of Virology</i> , 2018, 163, 2555-2559.	2.1	6
34	Full-length genome sequencing of the mild strain of Tomato yellow leaf curl virus in Venezuela reveals a third introduction event of this virus in New World. <i>Australasian Plant Disease Notes</i> , 2014, 9, 1.	0.7	5
35	An improved method for rapid generation and screening of <i>Bacillus thuringiensis</i> phage-resistant mutants. <i>Journal of Microbiological Methods</i> , 2014, 106, 101-103.	1.6	5
36	Diversity and enzymatic potentialities of <i>Bacillus</i> sp. strains isolated from a polluted freshwater ecosystem in Cuba. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 28.	3.6	5

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37	Complete genome sequence of two tomato-infecting begomoviruses in Venezuela: evidence of a putative novel species and a novel recombinant strain. Archives of Virology, 2018, 163, 555-558.	2.1	5
38	Bacillus cytotoxicus Genomics: Chromosomal Diversity and Plasmidome Versatility. Frontiers in Microbiology, 2021, 12, 789929.	3.5	5
39	Complete Genome Sequence of Bacteriophage Deep-Blue Infecting Emetic Bacillus cereus. Genome Announcements, 2016, 4, .	0.8	4
40	Molecular and biological characterization of a new Tomato mild yellow leaf curl Aragua virus strain producing severe symptoms in tomato. Virus Genes, 2017, 53, 939-942.	1.6	1
41	Comparative Genomics of Prophages Sato and Sole Expands the Genetic Diversity Found in the Genus Betatectivirus. Microorganisms, 2021, 9, 1335.	3.6	1
42	Detección de genes cry1 y cry2 en cepas venezolanas de Bacillus thuringiensis y sus posibles aplicaciones en el campo de la Biotecnología Agrícola. IFMBE Proceedings, 2007, , 975-978.	0.3	0