

# Virginija Cvirkaite-Krupovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9594478/publications.pdf>

Version: 2024-02-01

22  
papers

702  
citations

567281

15  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

839  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Viruses of archaea: Structural, functional, environmental and evolutionary genomics. <i>Virus Research</i> , 2018, 244, 181-193.   | 2.2  | 175       |
| 2  | Extracellular membrane vesicles harbouring viral genomes. <i>Environmental Microbiology</i> , 2014, 16, 1167-1175.   | 3.8  | 70        |
| 3  | Spindle-shaped viruses infect marine ammonia-oxidizing thaumarchaea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15645-15650.  | 7.1  | 49        |
| 4  | An extensively glycosylated archaeal pilus survives extreme conditions. <i>Nature Microbiology</i> , 2019, 4, 1401-1410.   | 13.3 | 46        |
| 5  | Virophages or satellite viruses?. <i>Nature Reviews Microbiology</i> , 2011, 9, 762-763.   | 28.6 | 41        |
| 6  | Identification and functional analysis of the <i>Rz/Rz1</i> -like accessory lysis genes in the membrane-containing bacteriophage PRD1. <i>Molecular Microbiology</i> , 2008, 68, 492-503.                                    | 2.5  | 36        |
| 7  | Archaeal extracellular vesicles are produced in an ESCRT-dependent manner and promote gene transfer and nutrient cycling in extreme environments. <i>ISME Journal</i> , 2021, 15, 2892-2905.                                 | 9.8  | 36        |
| 8  | New virus isolates from Italian hydrothermal environments underscore the biogeographic pattern in archaeal virus communities. <i>ISME Journal</i> , 2020, 14, 1821-1833.   | 9.8  | 29        |
| 9  | Virus-induced cell gigantism and asymmetric cell division in archaea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .  | 7.1  | 29        |
| 10 | Calcium ion-dependent entry of the membrane-containing bacteriophage PM2 into its <i>Pseudoalteromonas</i> host. <i>Virology</i> , 2010, 405, 120-128.   | 2.4  | 24        |
| 11 | 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        |
| 12 | Spindle-shaped archaeal viruses evolved from rod-shaped ancestors to package a larger genome. <i>Cell</i> , 2022, 185, 1297-1307.e11.  | 28.9 | 24        |
| 13 | DeepTracer-ID: De novo protein identification from cryo-EM maps. <i>Biophysical Journal</i> , 2022, 121, 2840-2848.  | 0.5  | 20        |
| 14 | On-line monitoring of changes in host cell physiology during the one-step growth cycle of <i>Bacillus</i> phage Bam35. <i>Journal of Microbiological Methods</i> , 2007, 69, 174-179.  | 1.6  | 19        |
| 15 | Evolution of an archaeal virus nucleocapsid protein from the CRISPR-associated Cas4 nuclease. <i>Biology Direct</i> , 2015, 10, 65.  | 4.6  | 16        |
| 16 | Archaeal bundling pili of <i>Pyrobaculum calidifontis</i> reveal similarities between archaeal and bacterial biofilms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, . | 7.1  | 13        |
| 17 | Towards a more comprehensive classification of satellite viruses. <i>Nature Reviews Microbiology</i> , 2012, 10, 234-234.  | 28.6 | 12        |
| 18 | Extracellular membrane vesicles and nanotubes in Archaea. <i>MicroLife</i> , 2021, 2, .  | 2.1  | 11        |

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|----|--|------|-----------|
| 19 | Virus Evolution toward Limited Dependence on Nonessential Functions of the Host: the Case of Bacteriophage SPP1. <i>Journal of Virology</i> , 2015, 89, 2875-2883.                             | 3.4  | 8         |
| 20 | Sputnik and Mavirus: not more than satellite viruses. <i>Nature Reviews Microbiology</i> , 2012, 10, 78-78.  | 28.6 | 6         |
| 21 | New insights into the diversity and evolution of the archaeal mobilome from three complete genomes of <i>Saccharolobus shibatae</i> . <i>Environmental Microbiology</i> , 2021, 23, 4612-4630. | 3.8  | 5         |
| 22 | Protein A33 responsible for antibody-resistant spread of Vaccinia virus is homologous to C-type lectin-like proteins. <i>Virus Research</i> , 2010, 151, 97-101.                               | 2.2  | 2         |