# Hanna M Oksanen

List of Publications by Year
in descending order



| 82 | 2,865 | 172457 | 197818 |
|---|---|---|---|
| papers | citations | 29 h-index | 49 g-index |

| 89 | 89 | 89 | 2466 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Differentiating between viruses and virus species by writing their names correctly. Archives of Virology, 2022, 167, 1231-1234. | 2.1 | 33 |
| 2 | Inline-tandem purification of viruses from cell lysate by agarose-based chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1192, 123140. | 2.3 | 1 |
| 3 | Virus-Host Interactions and Genetic Diversity of Antarctic Sea Ice Bacteriophages. MBio, 2022, 13, e0065122. | 4.1 | 8 |
| 4 | The Viral Susceptibility of the Haloferax Species. Viruses, 2022, 14, 1344. | 3.3 | 4 |
| 5 | Membrane-Containing Icosahedral DNA Bacteriophages. , 2021, , 36-44. | | 0 |
| 6 | Isolating, Culturing, and Purifying Viruses With a Focus on Bacterial and Archaeal Viruses. , 2021, , 162-174. | | 0 |
| 7 | Euryarchaeal Viruses. , 2021, , 368-379. | | 0 |
| 8 | Cellular and Genomic Properties of Haloferax gibbonsii LR2-5, the Host of Euryarchaeal Virus HFTV1. Frontiers in Microbiology, 2021, 12, 625599. | 3.5 | 9 |
| 9 | Changes to virus taxonomy and to the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2021). Archives of Virology, 2021, 166, 2633-2648. | 2.1 | 219 |
| 10 | Bacterial Viruses Subcommittee and Archaeal Viruses Subcommittee of the ICTV: update of taxonomy changes in 2021. Archives of Virology, 2021, 166, 3239-3244. | 2.1 | 24 |
| 11 | Sample carryover and cleaning procedures for asymmetrical flow field-flow fractionation instrument. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1181, 122920. | 2.3 | 5 |
| 12 | Black box of phageâ€“bacterium interactions: exploring alternative phage infection strategies. Open Biology, 2021, 11, 210188. | 3.6 | 47 |
| 13 | Growth Phase Dependent Cell Shape of Haloarcula. Microorganisms, 2021, 9, 231. | 3.6 | 7 |
| 14 | Bacteriophage PRD1 as a nanoscaffold for drug loading. Nanoscale, 2021, 13, 19875-19883. | 5.6 | 3 |
| 15 | Diversity, taxonomy, and evolution of archaeal viruses of the class Caudoviricetes. PLoS Biology, 2021, 19, e3001442. | 5.6 | 44 |
| 16 | Analysis of Spounaviruses as a Case Study for the Overdue Reclassification of Tailed Phages. Systematic Biology, 2020, 69, 110-123. | 5.6 | 89 |
| 17 | Taxonomy of prokaryotic viruses: 2018-2019 update from the ICTV Bacterial and Archaeal Viruses Subcommittee. Archives of Virology, 2020, 165, 1253-1260. | 2.1 | 144 |
| 18 | Pleomorphic archaeal viruses: the family Pleolipoviridae is expanding by seven new species. Archives of Virology, 2020, 165, 2723-2731. | 2.1 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | ICTV Virus Taxonomy Profile: Finnlakeviridae. Journal of General Virology, 2020, 101, 894-895. | 2.9 | 9 |
| 20 | Membrane-Containing Icosahedral Bacteriophage PRD1: The Dawn of Viral Lineages. Advances in Experimental Medicine and Biology, 2019, 1215, 85-109. | 1.6 | 9 |
| 21 | Half a Century of Research on Membrane-Containing Bacteriophages: Bringing New Concepts to Modern Virology. Viruses, 2019, 11, 76. | 3.3 | 40 |
| 22 | Novel haloarchaeal viruses from Lake Retba infecting Haloferax and Halorubrum species. Environmental Microbiology, 2019, 21, 2129-2147. | 3.8 | 28 |
| 23 | Structural basis for assembly of vertical single Î²-barrel viruses. Nature Communications, 2019, 10, 1184. | 12.8 | 25 |
| 24 | Asymmetrical Flow Field-Flow Fractionation on Virus and Virus-Like Particle Applications. Microorganisms, 2019, 7, 555. | 3.6 | 30 |
| 25 | The first known virus isolates from Antarctic sea ice have complex infection patterns. FEMS Microbiology Ecology, 2018, 94, . | 2.7 | 20 |
| 26 | Membrane-containing virus particles exhibit the mechanics of a composite material for genome protection. Nanoscale, 2018, 10, 7769-7779. | 5.6 | 12 |
| 27 | Taxonomy of prokaryotic viruses: 2017 update from the ICTV Bacterial and Archaeal Viruses Subcommittee. Archives of Virology, 2018, 163, 1125-1129. | 2.1 | 172 |
| 28 | Genome Sequence of PM2-Like Phage Cr39582, Induced from a Pseudoalteromonas sp. Isolated from the Gut of Ciona robusta. Genome Announcements, 2018, 6, . | 0.8 | 10 |
| 29 | The Unexplored Diversity of Pleolipoviruses: The Surprising Case of Two Viruses with Identical Major Structural Modules. Genes, 2018, 9, 131. | 2.4 | 8 |
| 30 | Asymmetrical flow field-flow fractionation in purification of an enveloped bacteriophage Ï•6. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1095, 251-257. | 2.3 | 8 |
| 31 | Extremely halophilic pleomorphic archaeal virus HRPV9 extends the diversity of pleolipoviruses with integrases. Research in Microbiology, 2018, 169, 500-504. | 2.1 | 13 |
| 32 | Membrane-assisted viral DNA ejection. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 664-672. | 2.4 | 15 |
| 33 | Halophilic viruses with varying biochemical and biophysical properties are amenable to purification with asymmetrical flow field-flow fractionation. Extremophiles, 2017, 21, 1119-1132. | 2.3 | 10 |
| 34 | Taxonomy of prokaryotic viruses: 2016 update from the ICTV bacterial and archaeal viruses subcommittee. Archives of Virology, 2017, 162, 1153-1157. | 2.1 | 57 |
| 35 | HCIV-1 and Other Tailless Icosahedral Internal Membrane-Containing Viruses of the Family Sphaerolipoviridae. Viruses, 2017, 9, 32. | 3.3 | 24 |
| 36 | ICTV Virus Taxonomy Profile: Corticoviridae. Journal of General Virology, 2017, 98, 888-889. | 2.9 | 20 |

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| 37 | ICTV Virus Taxonomy Profile: Pleolipoviridae. Journal of General Virology, 2017, 98, 2916-2917. | 2.9 | 19 |
| 38 | Monitoring Physiological Changes in Haloarchaeal Cell during Virus Release. Viruses, 2016, 8, 59. | 3.3 | 16 |
| 39 | The complete genome of a viable archaeum isolated from 123â€millionâ€yearâ€old rock salt. Environmental Microbiology, 2016, 18, 565-579. | 3.8 | 31 |
| 40 | Virusâ€host interplay in high salt environments. Environmental Microbiology Reports, 2016, 8, 431-444. | 2.4 | 21 |
| 41 | ArchaealHaloarcula californiaeIcosahedral Virus 1 Highlights Conserved Elements in Icosahedral Membrane-Containing DNA Viruses from Extreme Environments. MBio, 2016, 7, . | 4.1 | 16 |
| 42 | Asymmetric flow field flow fractionation methods for virus purification. Journal of Chromatography A, 2016, 1469, 108-119. | 3.7 | 23 |
| 43 | Vesicle-like virion of Haloarcula hispanica pleomorphic virus 3 preserves high infectivity in saturated salt. Virology, 2016, 499, 40-51. | 2.4 | 18 |
| 44 | K2 killer toxin-induced physiological changes in the yeastSaccharomyces cerevisiae. FEMS Yeast Research, 2016, 16, fow003. | 2.3 | 23 |
| 45 | Buried Alive: Microbes from Ancient Halite. Trends in Microbiology, 2016, 24, 148-160. | 7.7 | 50 |
| 46 | Pleolipoviridae, a newly proposed family comprising archaeal pleomorphic viruses with single-stranded or double-stranded DNA genomes. Archives of Virology, 2016, 161, 249-256. | 2.1 | 41 |
| 47 | Identification and characterization of <scp>SNJ</scp>2, the first temperate pleolipovirus integrating into the genome of the <scp>SNJ</scp>1â€lysogenic archaeal strain. Molecular Microbiology, 2015, 98, 1002-1020. | 2.5 | 36 |
| 48 | Comparison of Lipid-Containing Bacterial and Archaeal Viruses. Advances in Virus Research, 2015, 92, 1-61. | 2.1 | 25 |
| 49 | Haloarchaeal virus morphotypes. Biochimie, 2015, 118, 333-343. | 2.6 | 25 |
| 50 | Archaeal Viruses Multiply: Temporal Screening in a Solar Saltern. Viruses, 2015, 7, 1902-1926. | 3.3 | 32 |
| 51 | Non-structural proteins P17 and P33 are involved in the assembly of the internal membrane-containing virus PRD1. Virology, 2015, 482, 225-233. | 2.4 | 0 |
| 52 | Haloviruses of archaea, bacteria, and eukaryotes. Current Opinion in Microbiology, 2015, 25, 40-48. | 5.1 | 33 |
| 53 | Insight into the Assembly of Viruses with Vertical Single Î²-barrel Major Capsid Proteins. Structure, 2015, 23, 1866-1877. | 3.3 | 29 |
| 54 | Sulfolobus Spindle-Shaped Virus 1 Contains Glycosylated Capsid Proteins, a Cellular Chromatin Protein, and Host-Derived Lipids. Journal of Virology, 2015, 89, 11681-11691. | 3.4 | 54 |

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| 55 | Probing protein interactions in the membrane-containing virus PRD1. Journal of General Virology, 2015, 96, 453-462. | 2.9 | 5 |
| 56 | A Structural Model of the Genome Packaging Process in a Membrane-Containing Double Stranded DNA Virus. PLoS Biology, 2014, 12, e1002024. | 5.6 | 41 |
| 57 | Archaeal viruses and bacteriophages: comparisons and contrasts. Trends in Microbiology, 2014, 22, 334-344. | 7.7 | 91 |
| 58 | Subcellular localization of bacteriophage PRD1 proteins in Escherichia coli. Virus Research, 2014, 179, 44-52. | 2.2 | 1 |
| 59 | Seeing the Portal in Membrane-containing Bacteriophage PRD1 by Cryo-EM. Microscopy and Microanalysis, 2014, 20, 1250-1251. | 0.4 | 0 |
| 60 | Halophilic Archaea Cultivated from Surface Sterilized Middle-Late Eocene Rock Salt Are Polyploid. PLoS ONE, 2014, 9, e110533. | 2.5 | 34 |
| 61 | Modified coat protein forms the flexible spindleâ€shaped virion of haloarchaeal virus <scp>H</scp>is1. Environmental Microbiology, 2013, 15, 1674-1686. | 3.8 | 46 |
| 62 | Diverse antimicrobial interactions of halophilic archaea and bacteria extend over geographical distances and cross the domain barrier. MicrobiologyOpen, 2013, 2, 811-825. | 3.0 | 48 |
| 63 | Mechanism of Membranous Tunnelling Nanotube Formation in Viral Genome Delivery. PLoS Biology, 2013, 11, e1001667. | 5.6 | 75 |
| 64 | Snapshot of haloarchaeal tailed virus genomes. RNA Biology, 2013, 10, 803-816. | 3.1 | 51 |
| 65 | Combined Approaches to Study Virus Structures. Sub-Cellular Biochemistry, 2013, 68, 203-246. | 2.4 | 3 |
| 66 | Virion Architecture Unifies Globally Distributed Pleolipoviruses Infecting Halophilic Archaea. Journal of Virology, 2012, 86, 5067-5079. | 3.4 | 78 |
| 67 | Closely Related Archaeal Haloarcula hispanica Icosahedral Viruses HHIV-2 and SH1 Have Nonhomologous Genes Encoding Host Recognition Functions. Journal of Virology, 2012, 86, 4734-4742. | 3.4 | 48 |
| 68 | Snapshot of virus evolution in hypersaline environments from the characterization of a membrane-containing Salisaeta icosahedral phage 1. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7079-7084. | 7.1 | 42 |
| 69 | Virion Architecture Unifies Globally Distributed Pleolipoviruses Infecting Halophilic Archaea. Journal of Virology, 2012, 86, 6384-6384. | 3.4 | 2 |
| 70 | Monolithic ion exchange chromatographic methods for virus purification. Virology, 2012, 434, 271-277. | 2.4 | 40 |
| 71 | Virus Universe: Can It Be Constructed from a Limited Number of Viral Architectures. , 2012, , 83-105. | | 7 |
| 72 | Global network of specific virusâ€“host interactions in hypersaline environments. Environmental Microbiology, 2012, 14, 426-440. | 3.8 | 147 |

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| 73 | The use of low-resolution phasing followed by phase extension from 7.6 to 2.5â€…Ã… resolution with noncrystallographic symmetry to solve the structure of a bacteriophage capsid protein. Acta Crystallographica Section D: Biological Crystallography, 2011, 67, 228-232. | 2.5 | 6 |
| 74 | Viruses from the Hypersaline Environment. , 2011, , 153-172. | | 15 |
| 75 | Purified Membrane-Containing Procapsids of Bacteriophage PRD1 Package the Viral Genome. Journal of Molecular Biology, 2009, 386, 637-647. | 4.2 | 19 |
| 76 | Insights into Virus Evolution and Membrane Biogenesis from the Structure of the Marine Lipid-Containing Bacteriophage PM2. Molecular Cell, 2008, 31, 749-761. | 9.7 | 116 |
| 77 | Structure and host-cell interaction of SH1, a membrane-containing, halophilic euryarchaeal virus. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8008-8013. | 7.1 | 78 |
| 78 | Genetics for Pseudoalteromonas Provides Tools To Manipulate Marine Bacterial Virus PM2. Journal of Bacteriology, 2008, 190, 1298-1307. | 2.2 | 17 |
| 79 | Genome Characterization of Lipid-Containing Marine Bacteriophage PM2 by Transposon Insertion Mutagenesis. Journal of Virology, 2006, 80, 9270-9278. | 3.4 | 25 |
| 80 | Penetration of Membrane-Containing Double-Stranded-DNA Bacteriophage PM2 into Pseudoalteromonas Hosts. Journal of Bacteriology, 2004, 186, 5342-5354. | 2.2 | 40 |
| 81 | The PM2 virion has a novel organization with an internal membrane and pentameric receptor binding spikes. Nature Structural and Molecular Biology, 2004, 11, 850-856. | 8.2 | 60 |
| 82 | Bacteriophage PM2 Has a Protein Capsid Surrounding a Spherical Proteinaceous Lipid Core. Journal of Virology, 2002, 76, 8169-8178. | 3.4 | 44 |