

Karin Holmfeldt

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,238
citations

471509

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501196

28
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31
all docs

31
docs citations

31
times ranked

1802
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutrient driven transcriptional changes during phage infection in an aquatic Gammaproteobacterium. <i>Environmental Microbiology</i> , 2022, 24, 2270-2281.	3.8	3
2	Structure and function of virion RNA polymerase of a crAss-like phage. <i>Nature</i> , 2021, 589, 306-309.	27.8	29
3	The Fennoscandian Shield deep terrestrial virosphere suggests slow motion "boom and burst" cycles. <i>Communications Biology</i> , 2021, 4, 307.	4.4	19
4	Viruses of Microbes 2020: The Latest Conquest on Viruses of Microbes. <i>Viruses</i> , 2021, 13, 802.	3.3	0
5	Cyanophage Diversity and Community Structure in Dead Zone Sediments. <i>MSphere</i> , 2021, 6, .	2.9	8
6	Phage Biocontrol of <i>Pseudomonas aeruginosa</i> in Water. <i>Viruses</i> , 2021, 13, 928.	3.3	14
7	Dynamics of Baltic Sea phages driven by environmental changes. <i>Environmental Microbiology</i> , 2021, 23, 4576-4594.	3.8	5
8	Unveiling Infection Strategies across Diverse Marine Phage-Host Systems. <i>Proceedings (mdpi)</i> , 2020, 50, .	0.2	0
9	Diversity and Host Interactions among Virulent and Temperate Baltic Sea Flavobacterium Phages. <i>Viruses</i> , 2020, 12, 158.	3.3	11
10	Genomic Characterization of Cyanophage vB_AphaS-CL131 Infecting Filamentous Diazotrophic Cyanobacterium <i>Aphanizomenon flos-aquae</i> Reveals Novel Insights into Virus-Bacterium Interactions. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	23
11	Non-host class II ribonucleotide reductase in <i>Thermus</i> viruses: sequence adaptation and host interaction. <i>PeerJ</i> , 2019, 7, e6700.	2.0	8
12	Metatranscriptomes Reveal That All Three Domains of Life Are Active but Are Dominated by Bacteria in the Fennoscandian Crystalline Granitic Continental Deep Biosphere. <i>MBio</i> , 2018, 9, .	4.1	42
13	Insights into cyanophage-mediated dynamics of nodularin and other non-ribosomal peptides in <i>Nodularia spumigena</i> . <i>Harmful Algae</i> , 2018, 78, 69-74.	4.8	16
14	Regulation of infection efficiency in a globally abundant marine <i>Bacterioidetes</i> virus. <i>ISME Journal</i> , 2017, 11, 284-295.	9.8	40
15	Large-scale maps of variable infection efficiencies in aquatic <i>Bacteroidetes</i> phage-host model systems. <i>Environmental Microbiology</i> , 2016, 18, 3949-3961.	3.8	22
16	Viruses of microorganisms in the Baltic Sea: current state of research and perspectives. <i>Marine Biology Research</i> , 2016, 12, 115-124.	0.7	10
17	Response of marine bacterioplankton pH homeostasis gene expression to elevated CO ₂ . <i>Nature Climate Change</i> , 2016, 6, 483-487.	18.8	68
18	Microbial metagenomes from three aquifers in the Fennoscandian shield terrestrial deep biosphere reveal metabolic partitioning among populations. <i>ISME Journal</i> , 2016, 10, 1192-1203.	9.8	113

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19	Life-Style and Genome Structure of Marine Pseudoalteromonas Siphovirus B8b Isolated from the Northwestern Mediterranean Sea. PLoS ONE, 2015, 10, e0114829.	2.5	13
20	Contrasting genomic patterns and infection strategies of two coexisting <i>Bacteroidetes</i> podovirus genera. Environmental Microbiology, 2014, 16, 2501-2513.	3.8	31
21	Twelve previously unknown phage genera are ubiquitous in global oceans. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12798-12803.	7.1	182
22	Cultivated Single-Stranded DNA Phages That Infect Marine Bacteroidetes Prove Difficult To Detect with DNA-Binding Stains. Applied and Environmental Microbiology, 2012, 78, 892-894.	3.1	55
23	High bacterial 16S rRNA gene diversity above the atmospheric boundary layer. Aerobiologia, 2012, 28, 481-498.	1.7	40
24	Virus Production and Lysate Recycling in Different Sub-basins of the Northern Baltic Sea. Microbial Ecology, 2010, 60, 572-580.	2.8	17
25	Importance of Viral Lysis and Dissolved DNA for Bacterioplankton Activity in a P-Limited Estuary, Northern Baltic Sea. Microbial Ecology, 2009, 57, 286-294.	2.8	54
26	Bacteriophages drive strain diversification in a marine <i>Flavobacterium</i> : implications for phage resistance and physiological properties. Environmental Microbiology, 2009, 11, 1971-1982.	3.8	106
27	Diversity and abundance of freshwater <i>Actinobacteria</i> along environmental gradients in the brackish northern Baltic Sea. Environmental Microbiology, 2009, 11, 2042-2054.	3.8	73
28	Copepod feeding stimulates bacterioplankton activities in a low phosphorus system. Aquatic Biology, 2008, 2, 131-141.	1.4	18
29	Large Variabilities in Host Strain Susceptibility and Phage Host Range Govern Interactions between Lytic Marine Phages and Their <i>Flavobacterium</i> Hosts. Applied and Environmental Microbiology, 2007, 73, 6730-6739.	3.1	178
30	Culturability and Coexistence of Colony-Forming and Single-Cell Marine Bacterioplankton. Applied and Environmental Microbiology, 2005, 71, 4793-4800.	3.1	37