Karin Holmfeldt

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5692078/publications.pdf

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30 papers	1,238 citations	471509 17 h-index	501196 28 g-index
31 all docs	31 docs citations	31 times ranked	1802 citing authors

#	Article	IF	Citations
1	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
2	Large Variabilities in Host Strain Susceptibility and Phage Host Range Govern Interactions between Lytic Marine Phages and Their Flavobacterium Hosts. Applied and Environmental Microbiology, 2007, 73, 6730-6739.	3.1	178
3	Microbial metagenomes from three aquifers in the Fennoscandian shield terrestrial deep biosphere reveal metabolic partitioning among populations. ISME Journal, 2016, 10, 1192-1203.	9.8	113
4	Bacteriophages drive strain diversification in a marine Flavobacterium: implications for phage resistance and physiological properties. Environmental Microbiology, 2009, 11, 1971-1982.	3.8	106
5	Diversity and abundance of freshwater Actinobacteria along environmental gradients in the brackish northern Baltic Sea. Environmental Microbiology, 2009, 11, 2042-2054.	3.8	73
6	Response of marine bacterioplankton pH homeostasis gene expression to elevated CO2. Nature Climate Change, 2016, 6, 483-487.	18.8	68
7	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
8	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
9	Metatranscriptomes Reveal That All Three Domains of Life Are Active but Are Dominated by Bacteria in the Fennoscandian Crystalline Granitic Continental Deep Biosphere. MBio, 2018, 9, .	4.1	42
10	High bacterial 16S rRNA gene diversity above the atmospheric boundary layer. Aerobiologia, 2012, 28, 481-498.	1.7	40
11	Regulation of infection efficiency in a globally abundant marine Bacteriodetes virus. ISME Journal, 2017, 11, 284-295.	9.8	40
12	Culturability and Coexistence of Colony-Forming and Single-Cell Marine Bacterioplankton. Applied and Environmental Microbiology, 2005, 71, 4793-4800.	3.1	37
13	Contrasting genomic patterns and infection strategies of two coâ€existing <scp>B</scp>acteroidetes podovirus genera. Environmental Microbiology, 2014, 16, 2501-2513.	3.8	31
14	Structure and function of virion RNA polymerase of a crAss-like phage. Nature, 2021, 589, 306-309.	27.8	29
15	Genomic Characterization of Cyanophage vB_AphaS-CL131 Infecting Filamentous Diazotrophic Cyanobacterium Aphanizomenon flos-aquae Reveals Novel Insights into Virus-Bacterium Interactions. Applied and Environmental Microbiology, 2019, 85, .	3.1	23
16	Largeâ€scale maps of variable infection efficiencies in aquatic Bacteroidetes phageâ€host model systems. Environmental Microbiology, 2016, 18, 3949-3961.	3.8	22
17	The Fennoscandian Shield deep terrestrial virosphere suggests slow motion â€˜boom and burstâ€™ cycles. Communications Biology, 2021, 4, 307.	4.4	19
18	Copepod feeding stimulates bacterioplankton activities in a low phosphorus system. Aquatic Biology, 2008, 2, 131-141.	1.4	18

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19	Virus Production and Lysate Recycling in Different Sub-basins of the Northern Baltic Sea. Microbial Ecology, 2010, 60, 572-580.	2.8	17
20	Insights into cyanophage-mediated dynamics of nodularin and other non-ribosomal peptides in Nodularia spumigena. Harmful Algae, 2018, 78, 69-74.	4.8	16
21	Phage Biocontrol of Pseudomonas aeruginosa in Water. Viruses, 2021, 13, 928.	3.3	14
22	Life-Style and Genome Structure of Marine Pseudoalteromonas Siphovirus B8b Isolated from the Northwestern Mediterranean Sea. PLoS ONE, 2015, 10, e0114829.	2.5	13
23	Diversity and Host Interactions among Virulent and Temperate Baltic Sea Flavobacterium Phages. Viruses, 2020, 12, 158.	3.3	11
24	Viruses of microorganisms in the Baltic Sea: current state of research and perspectives. Marine Biology Research, 2016, 12, 115-124.	0.7	10
25	Cyanophage Diversity and Community Structure in Dead Zone Sediments. MSphere, 2021, 6, .	2.9	8
26	Non-host class II ribonucleotide reductase in Thermus viruses: sequence adaptation and host interaction. PeerJ, 2019, 7, e6700.	2.0	8
27	Dynamics of Baltic Sea phages driven by environmental changes. Environmental Microbiology, 2021, 23, 4576-4594.	3.8	5
28	Nutrient driven transcriptional changes during phage infection in an aquatic Gammaproteobacterium. Environmental Microbiology, 2022, 24, 2270-2281.	3.8	3
29	Unveiling Infection Strategies across Diverse Marine Phageâ€“Host Systems. Proceedings (mdpi), 2020, 50, .	0.2	0
30	Viruses of Microbes 2020: The Latest Conquest on Viruses of Microbes. Viruses, 2021, 13, 802.	3.3	0