

# The elemental composition of virus particles: implications for biogeochemical cycles

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Phage infection of an environmentally relevant marine bacterium alters host metabolism and lysate composition. <i>ISME Journal</i> , 2014, 8, 1089-1100.	4.4	127
2	Emerging methods to study bacteriophage infection at the single-cell level. <i>Frontiers in Microbiology</i> , 2014, 5, 724.	1.5	40
3	Nutrient supply differentially alters the dynamics of co-infecting phytoviruses. <i>New Phytologist</i> , 2014, 204, 265-267.	3.5	5
4	The fate and biogeochemical cycling of viral elements. <i>Nature Reviews Microbiology</i> , 2014, 12, 850-851.	13.6	60
5	Towards a better quantitative assessment of the relevance of deep-sea viruses, Bacteria and Archaea in the functioning of the ocean seafloor. <i>Aquatic Microbial Ecology</i> , 2015, 75, 81-90.	0.9	60
6	Variably lytic infection dynamics of large <i>Bacteroidetes</i> podovirus phi38:1 against two <i>Cellulophaga baltica</i> host strains. <i>Environmental Microbiology</i> , 2015, 17, 4659-4671.	1.8	32
7	Targeted and untargeted lipidomics of <i>Emiliania huxleyi</i> viral infection and life cycle phases highlights molecular biomarkers of infection, susceptibility, and ploidy. <i>Frontiers in Marine Science</i> , 2015, 2, .	1.2	37
8	Impact of CO <sub>2</sub> leakage from sub-seabed carbon dioxide capture and storage (CCS) reservoirs on benthic virus-prokaryote interactions and functions. <i>Frontiers in Microbiology</i> , 2015, 6, 935.	1.5	22
9	Viruses Occur Incorporated in Biogenic High-Mg Calcite from Hypersaline Microbial Mats. <i>PLoS ONE</i> , 2015, 10, e0130552.	1.1	27
10	A multitrophic model to quantify the effects of marine viruses on microbial food webs and ecosystem processes. <i>ISME Journal</i> , 2015, 9, 1352-1364.	4.4	223
11	Effect of P-limitation on prokaryotic and viral production in surface waters of the Northwestern Mediterranean Sea. <i>Journal of Plankton Research</i> , 2015, 37, 16-20.	0.8	13
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14	Virus decomposition provides an important contribution to benthic deep-sea ecosystem functioning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2014-9.	3.3	77
15	Effects of ocean acidification on pelagic carbon fluxes in a mesocosm experiment. <i>Biogeosciences</i> , 2016, 13, 6081-6093.	1.3	18
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17	Quantifying Tradeoffs for Marine Viruses. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	38
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128	Illuminating the Virosphere Through Global Metagenomics. <i>Annual Review of Biomedical Data Science</i> , 2021, 4, 369-391.	2.8	17
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158	Salinity Drives Functional and Taxonomic Diversities in Global Water Metagenomes. <i>Frontiers in Microbiology</i> , 2021, 12, 719725.	1.5	6
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170	New Insights from the High-Resolution Monitoring of Microalgaeâ€“Virus Infection Dynamics. <i>Viruses</i> , 2022, 14, 466.	1.5	1
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173	Top-Down Controls of Bacterial Metabolism: A Case Study from a Temperate Freshwater Lake Ecosystem. <i>Microorganisms</i> , 2022, 10, 715.	1.6	2
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176	Viruses affect picocyanobacterial abundance and biogeography in the North Pacific Ocean. <i>Nature Microbiology</i> , 2022, 7, 570-580.	5.9	25
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202	Modeling Virus and Bacteria Populations in Europaâ€™s Subsurface Ocean. <i>Life</i> , 2022, 12, 620.	1.1	4
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