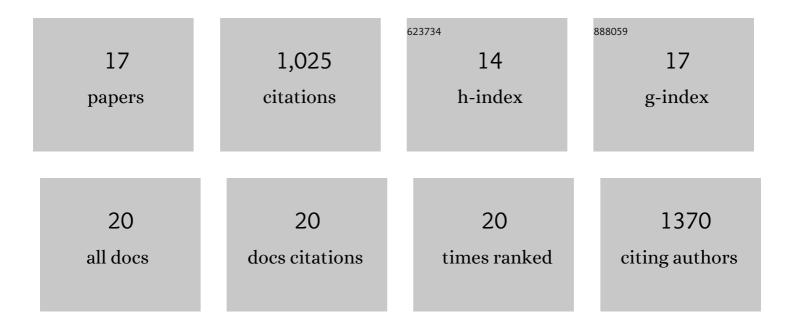
## Katherine R Heal

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Diverse arsenic ontaining lipids in the surface ocean. Limnology and Oceanography Letters, 2022, 7, 43-51.	3.9	3
2	<i>Prochlorococcus</i> extracellular vesicles: molecular composition and adsorption to diverse microbes. Environmental Microbiology, 2022, 24, 420-435.	3.8	25
3	Glycine betaine uptake and metabolism in marine microbial communities. Environmental Microbiology, 2022, 24, 2380-2403.	3.8	20
4	Particulate Metabolites and Transcripts Reflect Diel Oscillations of Microbial Activity in the Surface Ocean. MSystems, 2021, 6, .	3.8	29
5	Marine Community Metabolomes Carry Fingerprints of Phytoplankton Community Composition. MSystems, 2021, 6, .	3.8	26
6	Metagenomic and chemical characterization of soil cobalamin production. ISME Journal, 2020, 14, 53-66.	9.8	59
7	Potential of temperature- and salinity-driven shifts in diatom compatible solute concentrations to impact biogeochemical cycling within sea ice. Elementa, 2020, 8, .	3.2	17
8	Sulfonate-based networks between eukaryotic phytoplankton and heterotrophic bacteria in the surface ocean. Nature Microbiology, 2019, 4, 1706-1715.	13.3	120
9	Metabolic Consequences of Cobalamin Scarcity in the Diatom Thalassiosira pseudonana as Revealed Through Metabolomics. Protist, 2019, 170, 328-348.	1.5	33
10	Stress response of a marine ammonia-oxidizing archaeon informs physiological status of environmental populations. ISME Journal, 2018, 12, 508-519.	9.8	82
11	Relative impacts of light, temperature, and reactive oxygen on thaumarchaeal ammonia oxidation in the North Pacific Ocean. Limnology and Oceanography, 2018, 63, 741-757.	3.1	39
12	Best-Matched Internal Standard Normalization in Liquid Chromatography–Mass Spectrometry Metabolomics Applied to Environmental Samples. Analytical Chemistry, 2018, 90, 1363-1369.	6.5	78
13	Accumulation of NO <sub>2</sub> â€cobalamin in nutrientâ€stressed ammoniaâ€oxidizing archaea and in the oxygen deficient zone of the eastern tropical North Pacific. Environmental Microbiology Reports, 2018, 10, 453-457.	2.4	13
14	Two distinct pools of B <sub>12</sub> analogs reveal community interdependencies in the ocean. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 364-369.	7.1	174
15	Nitrosopumilus maritimus gen. nov., sp. nov., Nitrosopumilus cobalaminigenes sp. nov., Nitrosopumilus oxyclinae sp. nov., and Nitrosopumilus ureiphilus sp. nov., four marine ammonia-oxidizing archaea of the phylum Thaumarchaeota. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 5067-5079.	1.7	159
16	Determination of four forms of vitamin B <sub>12</sub> and other B vitamins in seawater by liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2014, 28, 2398-2404.	1.5	67
17	Relation between Soil Order and Sorption of Dissolved Organic Carbon in Temperate Subsoils. Soil Science Society of America Journal, 2012, 76, 1027-1037.	2.2	65