

Karla B Heidelberg

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

5,411
citations

172457

29
h-index

289244

40
g-index

40
all docs

40
docs citations

40
times ranked

6330
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>SSU</scp>â€<scp>rRNA</scp> Gene Sequencing Survey of Benthic Microbial Eukaryotes from Guaymas Basin Hydrothermal Vent. Journal of Eukaryotic Microbiology, 2019, 66, 637-653.	1.7	27
2	Shifting metabolic priorities among key protistan taxa within and below the euphotic zone. Environmental Microbiology, 2018, 20, 2865-2879.	3.8	32
3	Single-Cell View of Carbon and Nitrogen Acquisition in the Mixotrophic Alga <i>Prymnesium parvum</i> (Haptophyta) Inferred From Stable Isotope Tracers and NanoSIMS. Frontiers in Marine Science, 2018, 5, .	2.5	17
4	Primer selection influences abundance estimates of ammonia oxidizing archaea in coastal marine sediments. Marine Environmental Research, 2018, 140, 90-95.	2.5	6
5	A tale of two mixotrophic chrysophytes: Insights into the metabolisms of two <i>Ochromonas</i> species (Chrysophyceae) through a comparison of gene expression. PLoS ONE, 2018, 13, e0192439.	2.5	51
6	Single-cell transcriptomics of small microbial eukaryotes: limitations and potential. ISME Journal, 2017, 11, 1282-1285.	9.8	23
7	Effect of light and prey availability on gene expression of the mixotrophic chrysophyte, <i>Ochromonas</i> sp.. BMC Genomics, 2017, 18, 163.	2.8	28
8	Autotrophic and heterotrophic acquisition of carbon and nitrogen by a mixotrophic chrysophyte established through stable isotope analysis. ISME Journal, 2017, 11, 2022-2034.	9.8	74
9	Probing the evolution, ecology and physiology of marine protists using transcriptomics. Nature Reviews Microbiology, 2017, 15, 6-20.	28.6	176
10	Microbiomes of <i>Muricea californica</i> and <i>M. fruticosa</i> : Comparative Analyses of Two Co-occurring Eastern Pacific Octocorals. Frontiers in Microbiology, 2016, 7, 917.	3.5	33
11	Gene expression characterizes different nutritional strategies among three mixotrophic protists. FEMS Microbiology Ecology, 2016, 92, fiw106.	2.7	45
12	Gene expression in the mixotrophic prymnesiophyte, <i>Prymnesium parvum</i> , responds to prey availability. Frontiers in Microbiology, 2015, 6, 319.	3.5	37
13	Changes in gene expression of <i>Prymnesium parvum</i> induced by nitrogen and phosphorus limitation. Frontiers in Microbiology, 2015, 6, 631.	3.5	46
14	<i>De Novo</i> Sequences of <i>Haloquadratum walsbyi</i> from Lake Tyrrell, Australia, Reveal a Variable Genomic Landscape. Archaea, 2015, 2015, 1-12.	2.3	26
15	Metagenomic and lipid analyses reveal a diel cycle in a hypersaline microbial ecosystem. ISME Journal, 2015, 9, 2697-2711.	9.8	35
16	Comparative Transcriptome Analysis of Four Prymnesiophyte Algae. PLoS ONE, 2014, 9, e97801.	2.5	34
17	Comparative genomics of planktonic Flavobacteriaceae from the Gulf of Maine using metagenomic data. Microbiome, 2014, 2, 34.	11.1	28
18	Seasonal fluctuations in ionic concentrations drive microbial succession in a hypersaline lake community. ISME Journal, 2014, 8, 979-990.	9.8	91

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19	New Approaches Indicate Constant Viral Diversity despite Shifts in Assemblage Structure in an Australian Hypersaline Lake. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6755-6764.	3.1	37
20	Assembly-Driven Community Genomics of a Hypersaline Microbial Ecosystem. <i>PLoS ONE</i> , 2013, 8, e61692.	2.5	101
21	Characterization of eukaryotic microbial diversity in hypersaline Lake Tyrrell, Australia. <i>Frontiers in Microbiology</i> , 2013, 4, 115.	3.5	53
22	Virus-Host and CRISPR Dynamics in Archaea-Dominated Hypersaline Lake Tyrrell, Victoria, Australia. <i>Archaea</i> , 2013, 2013, 1-12.	2.3	82
23	Microbial secondary succession in soil microcosms of a desert oasis in the Cuatro Ciénegas Basin, Mexico. <i>PeerJ</i> , 2013, 1, e47.	2.0	50
24	Dynamic Viral Populations in Hypersaline Systems as Revealed by Metagenomic Assembly. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6309-6320.	3.1	83
25	Comparative Analysis of Eukaryotic Marine Microbial Assemblages from 18S rRNA Gene and Gene Transcript Clone Libraries by Using Different Methods of Extraction. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3958-3965.	3.1	39
26	<i>De novo</i> metagenomic assembly reveals abundant novel major lineage of Archaea in hypersaline microbial communities. <i>ISME Journal</i> , 2012, 6, 81-93.	9.8	347
27	Marine genomics: at the interface of marine microbial ecology and biodiscovery. <i>Microbial Biotechnology</i> , 2010, 3, 531-543.	4.2	51
28	Functional genomic signatures of sponge bacteria reveal unique and shared features of symbiosis. <i>ISME Journal</i> , 2010, 4, 1557-1567.	9.8	278
29	Vertical distribution and diel patterns of zooplankton abundance and biomass at Conch Reef, Florida Keys (USA). <i>Journal of Plankton Research</i> , 2010, 32, 75-91.	1.8	32
30	Protists are microbes too: a perspective. <i>ISME Journal</i> , 2009, 3, 4-12.	9.8	168
31	The Sorcerer II Global Ocean Sampling Expedition: Metagenomic Characterization of Viruses within Aquatic Microbial Samples. <i>PLoS ONE</i> , 2008, 3, e1456.	2.5	276
32	The Sorcerer II Global Ocean Sampling Expedition: Expanding the Universe of Protein Families. <i>PLoS Biology</i> , 2007, 5, e16.	5.6	736
33	The Sorcerer II Global Ocean Sampling Expedition: Northwest Atlantic through Eastern Tropical Pacific. <i>PLoS Biology</i> , 2007, 5, e77.	5.6	1,757
34	Marine Environmental Genomics: New Secrets from a Mysterious Ocean. <i>Marine Technology Society Journal</i> , 2005, 39, 94-98.	0.4	8
35	Taking metagenomic studies in context. <i>Trends in Microbiology</i> , 2005, 13, 404.	7.7	8
36	Composition and sources of near reef zooplankton on a Jamaican forereef along with implications for coral feeding. <i>Coral Reefs</i> , 2004, 23, 263.	2.2	83

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37	Seasonality of Chesapeake Bay Bacterioplankton Species. Applied and Environmental Microbiology, 2002, 68, 5488-5497.	3.1	147
38	Bacteria of the β -Subclass <i>Proteobacteria</i> Associated with Zooplankton in Chesapeake Bay. Applied and Environmental Microbiology, 2002, 68, 5498-5507.	3.1	163
39	Escape of the ctenophore <i>Mnemiopsis leidyi</i> from the scyphomedusa predator <i>Chrysaora quinquecirrha</i> . Marine Biology, 1997, 128, 441-446.	1.5	42
40	Swimming and feeding by the scyphomedusa <i>Chrysaora quinquecirrha</i> . Marine Biology, 1997, 129, 355-362.	1.5	61