Nina Dombrowski

List of PR Articles by Year in descending order

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29 PR articles	4,170 PR citations	238759 23 PR h-index	445561 28 g-index
33 documents	4941 doc citations	230718 25 h-index	7159 citing authors

#	Article	IF	PR Citations
1	The nature of the last universal common ancestor and its impact on the early Earth system. Nature Ecology and Evolution, 2024, 8, 1654-1666.	10.3	167
2	The parasitic lifestyle of an archaeal symbiont. Nature Communications, 2024, 15, .	13.9	7
3	On distinguishing between canonical tRNA genes and tRNA gene fragments in prokaryotes. RNA Biology, 2023, 20, 48-58.	3.4	3
4	Polyethylene degradation and assimilation by the marine yeast Rhodotorula mucilaginosa. ISME Communications, 2023, 3, .	5.4	54
5	ATP synthase evolution on a cross-braced dated tree of life. Nature Communications, 2023, 14, .	13.9	64
6	The importance of biofilm formation for cultivation of a Micrarchaeon and its interactions with its Thermoplasmatales host. Nature Communications, 2022, 13, .	13.9	31
7	A diverse uncultivated microbial community is responsible for organic matter degradation in the Black Sea sulphidic zone. Environmental Microbiology, 2021, 23, 2709-2728.	3.8	65
8	Brockarchaeota, a novel archaeal phylum with unique and versatile carbon cycling pathways. Nature Communications, 2021, 12, .	13.9	55
9	Obtaining deeper insights into microbiome diversity using a simple method to block host and nontargets in amplicon sequencing. Molecular Ecology Resources, 2021, 21, 1952-1965.	4.8	26
10	Large-scale protein level comparison of Deltaproteobacteria reveals cohesive metabolic groups. ISME Journal, 2021, 16, 307-320.	9.1	130
11	Metabolic relationships of uncultured bacteria associated with the microalgae Gambierdiscus. Environmental Microbiology, 2020, 22, 1764-1783.	3.8	45
12	Undinarchaeota illuminate DPANN phylogeny and the impact of gene transfer on archaeal evolution. Nature Communications, 2020, 11, .	13.9	134
13	Diversity, ecology and evolution of Archaea. Nature Microbiology, 2020, 5, 887-900.	16.5	448
14	A genomic catalog of Earthâ€™s microbiomes. Nature Biotechnology, 2020, 39, 499-509.	32.2	787
15	Complex subsurface hydrothermal fluid mixing at a submarine arc volcano supports distinct and highly diverse microbial communities. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32627-32638.	7.6	66
16	Kinetics and Identities of Extracellular Peptidases in Subsurface Sediments of the White Oak River Estuary, North Carolina. Applied and Environmental Microbiology, 2019, 85, .	3.5	29
17	Asgard archaea capable of anaerobic hydrocarbon cycling. Nature Communications, 2019, 10, .	13.9	202
18	An archaeal symbiont-host association from the deep terrestrial subsurface. ISME Journal, 2019, 13, 2135-2139.	9.1	56

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19	Proposal of the reverse flow model for the origin of the eukaryotic cell based on comparative analyses of Asgard archaeal metabolism. Nature Microbiology, 2019, 4, 1138-1148.	16.5	182
20	Genomic diversity, lifestyles and evolutionary origins of DPANN archaea. FEMS Microbiology Letters, 2019, 366, .	1.9	218
21	Expansive microbial metabolic versatility and biodiversity in dynamic Guaymas Basin hydrothermal sediments. Nature Communications, 2018, 9, .	13.9	262
22	Modular Traits of the Rhizobiales Root Microbiota and Their Evolutionary Relationship with Symbiotic Rhizobia. Cell Host and Microbe, 2018, 24, 155-167.e5.	15.3	324
23	Genomic insights into potential interdependencies in microbial hydrocarbon and nutrient cycling in hydrothermal sediments. Microbiome, 2017, 5, .	11.5	196
24	Metabolic versatility of small archaea Micrarchaeota and Parvarchaeota. ISME Journal, 2017, 12, 756-775.	9.1	122
25	Root microbiota dynamics of perennial Arabis alpina are dependent on soil residence time but independent of flowering time. ISME Journal, 2016, 11, 43-55.	9.1	154
26	Rhizobacterial volatiles and photosynthesisâ€related signals coordinate <scp>MYB</scp>72 expression in Arabidopsis roots during onset of induced systemic resistance and ironâ€deficiency responses. Plant Journal, 2015, 84, 309-322.	6.2	218
27	Functional overlap of the Arabidopsis leaf and root microbiota. Nature, 2015, 528, 364-369.	38.7	1,343
28	Quantitative divergence of the bacterial root microbiota in Arabidopsis thaliana relatives. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 585-592.	7.6	605
29	An estimate of the deepest branches of the tree of life from ancient vertically evolving genes. ELife, 0, 11, .	1.6	86