Anja Spang

List of PR Articles by Year in descending order

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Version: 2025-02-01

43 PR articles	5,314 PR citations	165620 27 PR h-index	236523 41 g-index
55 documents	7007 doc citations	127627 32 h-index	7678 citing authors

#	Article	IF	PR Citations
1	Selective lipid recruitment by an archaeal DPANN symbiont from its host. Nature Communications, 2024, 15, .	13.9	9
2	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
3	The parasitic lifestyle of an archaeal symbiont. Nature Communications, 2024, 15, .	13.9	7
4	On distinguishing between canonical tRNA genes and tRNA gene fragments in prokaryotes. RNA Biology, 2023, 20, 48-58.	3.4	3
5	ATP synthase evolution on a cross-braced dated tree of life. Nature Communications, 2023, 14, .	13.9	64
6	On the origin of the nucleus: a hypothesis. Microbiology and Molecular Biology Reviews, 2023, 87, .	7.2	20
7	Evolving Perspective on the Origin and Diversification of Cellular Life and the Virosphere. Genome Biology and Evolution, 2022, 14, .	2.4	18
8	The importance of biofilm formation for cultivation of a Micrarchaeon and its interactions with its Thermoplasmatales host. Nature Communications, 2022, 13, .	13.9	31
9	A rooted phylogeny resolves early bacterial evolution. Science, 2021, 372, .	36.4	252
10	Undinarchaeota illuminate DPANN phylogeny and the impact of gene transfer on archaeal evolution. Nature Communications, 2020, 11, .	13.9	134
11	Chlamydial contribution to anaerobic metabolism during eukaryotic evolution. Science Advances, 2020, 6, .	11.0	29
12	Hikarchaeia demonstrate an intermediate stage in the methanogen-to-halophile transition. Nature Communications, 2020, 11, .	13.9	52
13	Roadmap for naming uncultivated Archaea and Bacteria. Nature Microbiology, 2020, 5, 987-994.	16.5	135
14	Marine Sediments Illuminate Chlamydiae Diversity and Evolution. Current Biology, 2020, 30, 1032-1048.e7.	3.6	68
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	Asgard archaea capable of anaerobic hydrocarbon cycling. Nature Communications, 2019, 10, .	13.9	202
17	An archaeal symbiont-host association from the deep terrestrial subsurface. ISME Journal, 2019, 13, 2135-2139.	9.1	56
18	Virus Genomes from Deep Sea Sediments Expand the Ocean Megavirome and Support Independent Origins of Viral Gigantism. MBio, 2019, 10, .	4.4	126

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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	The Emergence of Life. Space Science Reviews, 2019, 215, .	5.4	74
21	Towards a systematic understanding of differences between archaeal and bacterial diversity. Environmental Microbiology Reports, 2019, 11, 9-12.	3.8	4
22	Genomic diversity, lifestyles and evolutionary origins of DPANN archaea. FEMS Microbiology Letters, 2019, 366, .	1.9	218
23	Symbiosis in the microbial world: from ecology to genome evolution. Biology Open, 2018, 7, .	1.2	49
24	Genome size evolution in the Archaea. Emerging Topics in Life Sciences, 2018, 2, 595-605.	2.9	34
25	Complex Evolutionary History of Translation Elongation Factor 2 and Diphthamide Biosynthesis in Archaea and Parabasalids. Genome Biology and Evolution, 2018, 10, 2380-2393.	2.4	43
26	Genomes of two archaeal endosymbionts show convergent adaptations to an intracellular lifestyle. ISME Journal, 2018, 12, 2655-2667.	9.1	45
27	Asgard archaea illuminate the origin of eukaryotic cellular complexity. Nature, 2017, 541, 353-358.	38.7	1,069
28	Integrative modeling of gene and genome evolution roots the archaeal tree of life. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, .	7.6	257
29	Genomic exploration of the diversity, ecology, and evolution of the archaeal domain of life. Science, 2017, 357, .	36.4	295
30	Archaea and the origin of eukaryotes. Nature Reviews Microbiology, 2017, 15, 711-723.	85.9	474
31	Tracing the Archaeal Origins of Eukaryotic Membrane-Trafficking System Building Blocks. Molecular Biology and Evolution, 2016, 33, 1528-1541.	4.7	92
32	Complex archaea that bridge the gap between prokaryotes and eukaryotes. Nature, 2015, 521, 173-179.	38.7	1,169
33	Exploring microbial dark matter to resolve the deep archaeal ancestry of eukaryotes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140328.	3.8	44
34	Metagenomics of Kamchatkan hot spring filaments reveal two new major (hyper)thermophilic lineages related to Thaumarchaeota. Research in Microbiology, 2013, 164, 425-438.	3.1	49
35	Archaea in Biogeochemical Cycles. Annual Review of Microbiology, 2013, 67, 437-457.	9.2	484
36	Methylotrophic methanogenic Thermoplasmata implicated in reduced methane emissions from bovine rumen. Nature Communications, 2013, 4, .	13.9	360

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37	Close Encounters of the Third Domain: The Emerging Genomic View of Archaeal Diversity and Evolution. Archaea, 2013, 2013, 1-12.	1.0	24
38	The genome of the ammoniaâ€oxidizing <scp>C</scp>andidatus<scp>N</scp>itrososphaera gargensis: insights into metabolic versatility and environmental adaptations. Environmental Microbiology, 2012, 14, 3122-3145.	3.8	376
39	Metagenomic Analysis of Ammonia-Oxidizing Archaea Affiliated with the Soil Group. Frontiers in Microbiology, 2012, 3, .	3.9	46
40	Nitrososphaera viennensis , an ammonia oxidizing archaeon from soil. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8420-8425.	7.6	908
41	A bacterial genome in transition - an exceptional enrichment of IS elements but lack of evidence for recent transposition in the symbiont Amoebophilus asiaticus. BMC Evolutionary Biology, 2011, 11, .	3.1	23
42	Origin of eukaryotes: What can be learned from the first successfully isolated Asgard archaeon. Faculty Reviews, 0, 11, .	4.2	3
43	An estimate of the deepest branches of the tree of life from ancient vertically evolving genes. ELife, 0, 11, .	1.6	86