

Scientistsâ€™ warning to humanity: microorganisms and

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Exploration of Plant-Microbe Interactions for Sustainable Agriculture in CRISPR Era. <i>Microorganisms</i> , 2019, 7, 269.	1.6	87
2	The Microbiome: A Life Science Opportunity for Our Society and Our Planet. <i>Trends in Biotechnology</i> , 2019, 37, 1269-1272.	4.9	12
3	Mikrobiologisches Wissen f¼r alle bedeutet Klimaschutz!. <i>BioSpektrum</i> , 2019, 25, 595-595.	0.0	0
4	Host-associated microbiomes drive structure and function of marine ecosystems. <i>PLoS Biology</i> , 2019, 17, e3000533.	2.6	103
5	Entirely Off-Grid and Solar-Powered DNA Sequencing of Microbial Communities during an Ice Cap Traverse Expedition. <i>Genes</i> , 2019, 10, 902.	1.0	37
6	Gene Expression Changes and Community Turnover Differentially Shape the Global Ocean Metatranscriptome. <i>Cell</i> , 2019, 179, 1068-1083.e21.	13.5	268
7	Global Trends in Marine Plankton Diversity across Kingdoms of Life. <i>Cell</i> , 2019, 179, 1084-1097.e21.	13.5	271
9	The global soil community and its influence on biogeochemistry. <i>Science</i> , 2019, 365, .	6.0	586
10	The Vulnerability of Microbial Ecosystems in A Changing Climate: Potential Impact in Shark Bay. <i>Life</i> , 2019, 9, 71.	1.1	16
11	Do we need a Global Virome Project?. <i>The Lancet Global Health</i> , 2019, 7, e1314-e1316.	2.9	32
12	Vector Competence: What Has Zika Virus Taught Us?. <i>Viruses</i> , 2019, 11, 867.	1.5	45
13	Exploring Computational Inference of Microbial Interactions and their Dynamics. , 2019, , .		0
14	Whole Genome Shotgun Sequencing Detects Greater Lichen Fungal Diversity Than Amplicon-Based Methods in Environmental Samples. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	16
15	Editorial: Marine Microbiome and Biogeochemical Cycles in Marine Productive Areas. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	3
16	Monitoring compositional changes in Ni(OH) ₂ electrocatalysts employed in the oxygen evolution reaction. <i>Analyst, The</i> , 2019, 144, 7318-7325.	1.7	20
17	Charting the Complexity of the Marine Microbiome through Single-Cell Genomics. <i>Cell</i> , 2019, 179, 1623-1635.e11.	13.5	158
18	Soil microbiomes and climate change. <i>Nature Reviews Microbiology</i> , 2020, 18, 35-46.	13.6	725
19	Scientists¼ Warning on Climate Change and Medicinal Plants. <i>Planta Medica</i> , 2020, 86, 10-18.	0.7	85

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20	The toxic factor of copper should be adjusted during the ecological risk assessment for soil bacterial community. <i>Ecological Indicators</i> , 2020, 111, 106072.	2.6	20
21	Marine microbial diversity from pole to pole. <i>Nature Reviews Microbiology</i> , 2020, 18, 3-3.	13.6	5
22	Soil exposed to silver nanoparticles reveals significant changes in community structure and altered microbial transcriptional profiles. <i>Environmental Pollution</i> , 2020, 258, 113816.	3.7	30
23	Evolutionary Engineering of an Iron-Resistant <i>Saccharomyces cerevisiae</i> Mutant and Its Physiological and Molecular Characterization. <i>Microorganisms</i> , 2020, 8, 43.	1.6	21
24	Persistent El Niño driven shifts in marine cyanobacteria populations. <i>PLoS ONE</i> , 2020, 15, e0238405.	1.1	7
25	Spatiotemporal Distribution of Key Pelagic Microbes in a Seasonal Oxygen-Deficient Coastal Upwelling System of the Eastern South Pacific Ocean. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
26	Project Earthrise: Inspiring Creativity, Kindness and Imagination in Planetary Health. <i>Challenges</i> , 2020, 11, 19.	0.9	9
27	Advancing Knowledge on Cyanobacterial Blooms in Freshwaters. <i>Water (Switzerland)</i> , 2020, 12, 2583.	1.2	5
28	Effects of simulated drought on biological soil quality, microbial diversity and yields under long-term conventional and organic agriculture. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	26
29	Culturable Bacterial Community on Leaves of Assam Tea (<i>Camellia sinensis</i> var. <i>assamica</i>) in Thailand and Human Probiotic Potential of Isolated <i>Bacillus</i> spp.. <i>Microorganisms</i> , 2020, 8, 1585.	1.6	10
30	Short-term temperature history affects mineralization of fresh litter and extant soil organic matter, irrespective of agricultural management. <i>Soil Biology and Biochemistry</i> , 2020, 150, 107985.	4.2	7
31	Soil fungal community composition and functional similarity shift across distinct climatic conditions. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	14
32	Regional-Scale In-Depth Analysis of Soil Fungal Diversity Reveals Strong pH and Plant Species Effects in Northern Europe. <i>Frontiers in Microbiology</i> , 2020, 11, 1953.	1.5	126
33	Assessment of microbial plankton diversity as an ecological indicator in the NW Mediterranean coast. <i>Marine Pollution Bulletin</i> , 2020, 160, 111691.	2.3	11
34	Integration of time-series meta-omics data reveals how microbial ecosystems respond to disturbance. <i>Nature Communications</i> , 2020, 11, 5281.	5.8	57
35	Introducing the Mangrove Microbiome Initiative: Identifying Microbial Research Priorities and Approaches To Better Understand, Protect, and Rehabilitate Mangrove Ecosystems. <i>MSystems</i> , 2020, 5, .	1.7	40
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37	Gene-informed decomposition model predicts lower soil carbon loss due to persistent microbial adaptation to warming. <i>Nature Communications</i> , 2020, 11, 4897.	5.8	67

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38	Shell isolated nanoparticle enhanced Raman spectroscopy for renewable energy electrocatalysis. <i>New Journal of Chemistry</i> , 2020, 44, 19953-19960.	1.4	10
39	Strengthening mycology research through coordinated access to microbial culture collection strains. <i>CABI Agriculture and Bioscience</i> , 2020, 1, .	1.1	6
40	Projected shifts in the distribution of malaria vectors due to climate change. <i>Climatic Change</i> , 2020, 163, 2117-2133.	1.7	6
41	Genome-resolved viral ecology in a marine oxygen minimum zone. <i>Environmental Microbiology</i> , 2021, 23, 2858-2874.	1.8	15
42	Biogeochemical transformation of greenhouse gas emissions from terrestrial to atmospheric environment and potential feedback to climate forcing. <i>Environmental Science and Pollution Research</i> , 2020, 27, 38513-38536.	2.7	63
43	Aquatic virus culture collection: an absent (but necessary) safety net for environmental microbiologists. <i>Applied Phycology</i> , 2022, 3, 211-225.	0.6	7
44	Composition and activity of nitrifier communities in soil are unresponsive to elevated temperature and CO ₂ , but strongly affected by drought. <i>ISME Journal</i> , 2020, 14, 3038-3053.	4.4	43
45	Epidemic Alphaviruses: Ecology, Emergence and Outbreaks. <i>Microorganisms</i> , 2020, 8, 1167.	1.6	28
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47	Benzothiazoles as potential antiviral agents. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1459-1480.	1.2	57
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50	Microbial diversity drives carbon use efficiency in a model soil. <i>Nature Communications</i> , 2020, 11, 3684.	5.8	217
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53	Stream microbial communities and ecosystem functioning show complex responses to multiple stressors in wastewater. <i>Global Change Biology</i> , 2020, 26, 6363-6382.	4.2	52
54	Greater topoclimatic control of above- versus below-ground communities. <i>Global Change Biology</i> , 2020, 26, 6715-6728.	4.2	11
55	Fundamental research questions in subterranean biology. <i>Biological Reviews</i> , 2020, 95, 1855-1872.	4.7	86

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57	Analysis of Sustainability Knowingness, Attitudes and Behavior of a Spanish Pre-Service Primary Teachers Sample. Sustainability, 2020, 12, 7445.	1.6	22
58	Genomics of natural history collections for understanding evolution in the wild. Molecular Ecology Resources, 2020, 20, 1153-1160.	2.2	20
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71	Human Rights and Precautionary Principle: Limits to Geoengineering, SRM, and IPCC Scenarios. Sustainability, 2020, 12, 8858.	1.6	37
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73	Environmental Factors and Host Microbiomes Shape Host Pathogen Dynamics. Trends in Parasitology, 2020, 36, 616-633.	1.5	74

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80	Cover Crop Impact on Soil Organic Carbon, Nitrogen Dynamics and Microbial Diversity in a Mediterranean Semiarid Vineyard. <i>Sustainability</i> , 2020, 12, 3256.	1.6	30
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85	<i>Alexandrium pacificum</i> and <i>Alexandrium minutum</i> : Harmful or environmentally friendly?. <i>Marine Environmental Research</i> , 2020, 160, 105014.	1.1	11
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87	Biogeography of soil microbial habitats across France. <i>Global Ecology and Biogeography</i> , 2020, 29, 1399-1411.	2.7	22
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92	The legacy of trace metal deposition from historical anthropogenic river management: A regional driver of offshore sedimentary microbial diversity. <i>Journal of Hazardous Materials</i> , 2020, 400, 123164.	6.5	7
93	Natural Holobiome Engineering by Using Native Extreme Microbiome to Counteract the Climate Change Effects. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 568.	2.0	51
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129	Effects of substrate type on enhancing pollutant removal performance and reducing greenhouse gas emission in vertical subsurface flow constructed wetland. <i>Journal of Environmental Management</i> , 2021, 280, 111674.	3.8	34
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141	Roles and opportunities for microbial anaerobic oxidation of methane in natural and engineered systems. <i>Energy and Environmental Science</i> , 2021, 14, 4803-4830.	15.6	40
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163	The Survival of <i>Haloferax mediterranei</i> under Stressful Conditions. <i>Microorganisms</i> , 2021, 9, 336.	1.6	12
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168	Extracellular Metabolism Sets the Table for Microbial Cross-Feeding. <i>Microbiology and Molecular Biology Reviews</i> , 2021, 85, .	2.9	58
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