

# The biomass distribution on Earth

Proceedings of the National Academy of Sciences of the United States of America  
115, 6506-6511

DOI: [10.1073/pnas.1711842115](https://doi.org/10.1073/pnas.1711842115)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The broiler chicken as a signal of a human reconfigured biosphere. Royal Society Open Science, 2018, 5, 180325.	1.1	120
2	Towards a Semiotics of the Technosphere. SSRN Electronic Journal, 2018, , .	0.4	2
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4	Learning and Sustainability: an approach from the interaction. Journal of Physics: Conference Series, 2018, 1043, 012052.	0.3	0
6	Animals and the zoogeochemistry of the carbon cycle. Science, 2018, 362, .	6.0	197
7	Serpentinization: Connecting Geochemistry, Ancient Metabolism and Industrial Hydrogenation. Life, 2018, 8, 41.	1.1	61
8	Sizing Up the Uncultured Microbial Majority. MSystems, 2018, 3, .	1.7	13
9	The biomass and biodiversity of the continental subsurface. Nature Geoscience, 2018, 11, 707-717.	5.4	299
10	Small snails, high productivity? Larval output of parasites from an abundant host. Freshwater Biology, 2018, 63, 1602-1609.	1.2	9
11	Virus-virus interactions and host ecology are associated with <scp>RNA</scp> virome structure in wild birds. Molecular Ecology, 2018, 27, 5263-5278.	2.0	77
12	Genomic Description of <i>Candidatus Abyssubacteria</i> , a Novel Subsurface Lineage Within the Candidate Phylum Hydrogenedentes. Frontiers in Microbiology, 2018, 9, 1993.	1.5	36
13	The palaeontological record of the Anthropocene. Geology Today, 2018, 34, 188-193.	0.3	10
14	Feeding the Walls: How Does Nutrient Availability Regulate Cell Wall Composition?. International Journal of Molecular Sciences, 2018, 19, 2691.	1.8	52
15	Total OH Reactivity Changes Over the Amazon Rainforest During an El Niño Event. Frontiers in Forests and Global Change, 2018, 1, .	1.0	14
16	The scale of life and its lessons for humanity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6328-6330.	3.3	8
17	A physical framework for the earth system, Anthropocene equation and the great acceleration. Global and Planetary Change, 2018, 169, 66-69.	1.6	17
18	An Algal Greening of Land. Cell, 2018, 174, 256-258.	13.5	15
19	Consequences of captive breeding: Fitness implications for wild-origin, hatchery-spawned Atlantic salmon kelts upon their return to the wild. Biological Conservation, 2018, 225, 144-153.	1.9	17

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20	The deep history of Earth's biomass. <i>Journal of the Geological Society</i> , 2018, 175, 716-720.	0.9	28
21	Two types of cellulose synthesis complex knit the plant cell wall together. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6882-6884.	3.3	3
22	Weathering in a world without terrestrial life recorded in the Mesoproterozoic Velkerri Formation. <i>Nature Communications</i> , 2019, 10, 3448.	5.8	29
23	Role of the ocean in climate stabilization. , 2019, , 109-130.		3
24	The globalized thought process in relation to natural resources. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20190236.	0.3	1
25	The oral gland, a new exocrine organ of termites. <i>Arthropod Structure and Development</i> , 2019, 51, 32-36.	0.8	5
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36	A One-Health lens for anthrax. <i>Lancet Planetary Health, The</i> , 2019, 3, e285-e286.	5.1	19
37	Fungal Diversity: Global Perspective and Ecosystem Dynamics. , 2019, , 83-113.		6

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39	Towards Integrating Evolution, Metabolism, and Climate Change Studies of Marine Ecosystems. <i>Trends in Ecology and Evolution</i> , 2019, 34, 1022-1033.	4.2	28
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41	Overcoming plant blindness in science, education, and society. <i>Plants People Planet</i> , 2019, 1, 169-172.	1.6	58
42	Ordinaries. <i>Journal of Bioeconomics</i> , 2019, 21, 145-155.	1.5	13
43	A generalised volumetric method to estimate the biomass of photographically surveyed benthic megafauna. <i>Progress in Oceanography</i> , 2019, 178, 102188.	1.5	11
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49	Termite Evolution: A Primal Knock on Wood or a Hearty Mouthful of Dirt. <i>Current Biology</i> , 2019, 29, R1126-R1129.	1.8	8
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58	Changes of energy fluxes in marine animal forests of the Anthropocene: factors shaping the future seascape. <i>ICES Journal of Marine Science</i> , 2019, 76, 2008-2019.	1.2	24
59	Plant Residues Decomposition and Formation of Active Organic Matter in the Soil of the Incubation Experiments. <i>Eurasian Soil Science</i> , 2019, 52, 1183-1194.	0.5	30
60	Multiple degrees of separation in the central pathways of the catabolism of aromatic compounds in fungi belonging to the Dikarya sub-Kingdom. <i>Advances in Microbial Physiology</i> , 2019, 75, 177-203.	1.0	6
61	Where the Wild Things were is Where Humans are Now: an Overview. <i>Human Ecology</i> , 2019, 47, 669-679.	0.7	19
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63	Nitrogenase Inhibition Limited Oxygenation of Earthâ€™s Proterozoic Atmosphere. <i>Trends in Plant Science</i> , 2019, 24, 1022-1031.	4.3	36
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76	<i>Biogeography, Ecology, and Evolution of Deep Life.</i> , 2019, , 524-555.		6
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78	The insect apocalypse, and why it matters. <i>Current Biology</i> , 2019, 29, R967-R971.	1.8	214
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94	Direct Cell Mass Measurements Expand the Role of Small Microorganisms in Nature. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	22
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98	Projecting impacts of global climate and landâ€™use scenarios on plant biodiversity using compositionalâ€™turnover modelling. <i>Global Change Biology</i> , 2019, 25, 2763-2778.	4.2	76
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124	Marine DNA Viral Macro-and Micro-Diversity From Pole to Pole. <i>SSRN Electronic Journal</i> , 2019, , .	0.4	4
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168	An atomistic approach to prebiotic chemistry: A tool to overcome the limits of laboratory simulations. <i>Physics of Life Reviews</i> , 2020, 34-35, 136-138.	1.5	2
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174	Vascular Plants Are Globally Significant Contributors to Marine Carbon Fluxes and Sinks. <i>Annual Review of Marine Science</i> , 2020, 12, 469-497.	5.1	50
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179	Photosynthesis on exoplanets and exomoons from reflected light. <i>International Journal of Astrobiology</i> , 2020, 19, 210-219.	0.9	10
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204	The fossil record of igneous rock. <i>Earth-Science Reviews</i> , 2020, 210, 103342.	4.0	19
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215	Geoengineering super low carbon cows: food and the corporate carbon economy in a low carbon world. <i>Climatic Change</i> , 2020, 163, 135-153.	1.7	7
216	Polyethylene Identification in Ocean Water Samples by Means of 50 keV Energy Electron Beam. <i>Instruments</i> , 2020, 4, 32.	0.8	1
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224	A Matter of Life and Death: Alternative Stable States in Trees, From Xylem to Ecosystems. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	1.0	11
225	A Transparent and Intuitive Modeling Framework and Software for Efficient Land Allocation. <i>Land</i> , 2020, 9, 444.	1.2	4
226	COVID-19â€™Zoonosis or Emerging Infectious Disease?. <i>Frontiers in Public Health</i> , 2020, 8, 596944.	1.3	104
227	The Woody Planet: From Past Triumph to Manmade Decline. <i>Plants</i> , 2020, 9, 1593.	1.6	17
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249	Tackling Antibiotic Resistance with Compounds of Natural Origin: A Comprehensive Review. <i>Biomedicines</i> , 2020, 8, 405.	1.4	86
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255	Genome Characterization of a Novel Wastewater <i>Bacteroides fragilis</i> Bacteriophage (vB_BfrS_23) and its Host GB124. <i>Frontiers in Microbiology</i> , 2020, 11, 583378.	1.5	5
256	Let more big fish sink: Fisheries prevent blue carbon sequestration half in unprofitable areas. <i>Science Advances</i> , 2020, 6, .	4.7	77
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262	Community, Distribution, and Ecological Roles of Estuarine Archaea. <i>Frontiers in Microbiology</i> , 2020, 11, 2060.	1.5	24
263	Phytomass Valorization by Deep Eutectic Solventsâ€™ Achievements, Perspectives, and Limitations. <i>Crystals</i> , 2020, 10, 800.	1.0	10
264	Lifeâ€™s Energy and Information: Contrasting Evolution of Volume- versus Surface-Specific Rates of Energy Consumption. <i>Entropy</i> , 2020, 22, 1025.	1.1	10
265	Are domesticated freshwater fish an underappreciated culprit of ecosystem change?. <i>Fish and Fisheries</i> , 2020, 21, 1253-1258.	2.7	13
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267	Estimating the quality of eukaryotic genomes recovered from metagenomic analysis with EukCC. <i>Genome Biology</i> , 2020, 21, 244.	3.8	58
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272	Role of environmental factors in shaping the soil microbiome. <i>Environmental Science and Pollution Research</i> , 2020, 27, 41225-41247.	2.7	68
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279	Patterns of in situ Mineral Colonization by Microorganisms in a ~60°C Deep Continental Subsurface Aquifer. <i>Frontiers in Microbiology</i> , 2020, 11, 536535.	1.5	7
280	Towards Innovative Governance of Nature Areas. <i>Sustainability</i> , 2020, 12, 10624.	1.6	5
281	Metagenomic Systems Biology. , 2020, , .		0
282	The Earth's Microbiome: Significance in Sustainable Development and Impact of Climate Changes. , 2020, , 115-139.		0
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288	The ocean genome and future prospects for conservation and equity. <i>Nature Sustainability</i> , 2020, 3, 588-596.	11.5	38
289	Anthropogenic factors affecting wildlife species status outcomes: why the fixation on pesticides?. <i>Environmental Science and Pollution Research</i> , 2020, , 1.	2.7	8
290	Agricultural intensification and the evolution of host specialism in the enteric pathogen <i>Campylobacter jejuni</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11018-11028.	3.3	50
291	Microbial Residents of the Atlantis Massif's Shallow Serpentinite Subsurface. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	13
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297	Tara Oceans: towards global ocean ecosystems biology. <i>Nature Reviews Microbiology</i> , 2020, 18, 428-445.	13.6	227
298	Climate change shapes the future evolution of plant metabolism. <i>Genetics &amp; Genomics Next</i> , 2020, 1, e10022.	0.8	5
299	Biomass and production of freshwater meiofauna: a review and a new allometric model. <i>Hydrobiologia</i> , 2020, 847, 2681-2703.	1.0	18
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307	A River of Bones: Wildebeest Skeletons Leave a Legacy of Mass Mortality in the Mara River, Kenya. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	10
308	Visualizing the invisible: class excursions to ignite children's enthusiasm for microbes. <i>Microbial Biotechnology</i> , 2020, 13, 844-887.	2.0	26
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311	The role of ecosystems in mitigation and management of Covid-19 and other zoonoses. <i>Environmental Science and Policy</i> , 2020, 111, 7-17.	2.4	137
312	Towards a physically motivated planetary accounting framework. <i>Infrastructure Asset Management</i> , 2020, 7, 191-207.	1.2	6
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316	Complex Relationships at the Intersection of Insect Gut Microbiomes and Plant Defenses. <i>Journal of Chemical Ecology</i> , 2020, 46, 793-807.	0.9	36
317	Bridging compassion and justice in conservation ethics. <i>Biological Conservation</i> , 2020, 248, 108648.	1.9	28
318	A mechanistic explanation of the transition to simple multicellularity in fungi. <i>Nature Communications</i> , 2020, 11, 2594.	5.8	15
319	Insect Rearing: Potential, Challenges, and Circularity. <i>Sustainability</i> , 2020, 12, 4567.	1.6	58
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328	Death and serious injury from dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 803, 135300.	1.5	11
329	Thermal degradation of crab shell biomass, a nitrogen-containing carbon precursor. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 301-308.	2.0	23
330	Bioaccumulation and Toxicological Effects of UV-Filters on Marine Species. <i>Handbook of Environmental Chemistry</i> , 2020, , 85-130.	0.2	18
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333	One Health Aotearoa: a transdisciplinary initiative to improve human, animal and environmental health in New Zealand. <i>One Health Outlook</i> , 2020, 2, 4.	1.4	11
334	Global human "predation" on plant growth and biomass. <i>Global Ecology and Biogeography</i> , 2020, 29, 1052-1064.	2.7	7
335	Toxicity of UV filters on marine bacteria: Combined effects with damaging solar radiation. <i>Science of the Total Environment</i> , 2020, 722, 137803.	3.9	32
336	From inert matter to the global society life as multi-level networks of processes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190329.	1.8	10
337	The role of maize cultivation on European hare abundance. <i>Agriculture, Ecosystems and Environment</i> , 2020, 295, 106909.	2.5	8
338	Bacteria as genetically programmable producers of bioactive natural products. <i>Nature Reviews Chemistry</i> , 2020, 4, 172-193.	13.8	93
339	Have natural disasters created opportunities to initiate Big Cat Tourism in South America?. <i>Biotropica</i> , 2020, 52, 400-403.	0.8	7
340	Soil Biodiversity Integrates Solutions for a Sustainable Future. <i>Sustainability</i> , 2020, 12, 2662.	1.6	84
341	Bacterial Membrane Vesicles. , 2020, , .		10
342	A genetic toolbox for marine protists. <i>Nature Methods</i> , 2020, 17, 469-470.	9.0	1
343	Bottom-up when it is not top-down: Predators and plants control biomass of grassland arthropods. <i>Journal of Animal Ecology</i> , 2020, 89, 1286-1294.	1.3	25
344	Is Endothermy an Evolutionary By-Product?. <i>Trends in Ecology and Evolution</i> , 2020, 35, 503-511.	4.2	19
345	Trade-offs between multifunctionality and profit in tropical smallholder landscapes. <i>Nature Communications</i> , 2020, 11, 1186.	5.8	156
346	Plant sciences for the Anthropocene: What can we learn from research in urban areas?. <i>Plants People Planet</i> , 2020, 2, 286-289.	1.6	6
347	Green Bio-template Fabrication of Fe Derivatives@Carbon Composites and Porous Carbon Sheets toward Advanced Li-Ion Capacitors as Low-Cost Electrodes. <i>ACS Applied Energy Materials</i> , 2020, 3, 7159-7166.	2.5	8
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352	Alternative methods for chitin and chitosan preparation, characterization, and application. , 2020, , 225-246.		1
353	Assessing the evolutionary persistence of ecological relationships: A review and preview. Infection, Genetics and Evolution, 2020, 84, 104441.	1.0	4
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