

# Ashley E Franks

## List of Publications by Year in descending order

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133  
papers

12,427  
citations

47006

47  
h-index

25787

108  
g-index

139  
all docs

139  
docs citations

139  
times ranked

11181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial endophytes: recent developments and applications. FEMS Microbiology Letters, 2008, 278, 1-9.	1.8	1,202
2	Microbial Electrosynthesis: Feeding Microbes Electricity To Convert Carbon Dioxide and Water to Multicarbon Extracellular Organic Compounds. MBio, 2010, 1, .	4.1	815
3	Direct Exchange of Electrons Within Aggregates of an Evolved Syntrophic Coculture of Anaerobic Bacteria. Science, 2010, 330, 1413-1415.	12.6	791
4	Tunable metallic-like conductivity in microbial nanowire networks. Nature Nanotechnology, 2011, 6, 573-579.	31.5	762
5	Electrosynthesis of Organic Compounds from Carbon Dioxide Is Catalyzed by a Diversity of Acetogenic Microorganisms. Applied and Environmental Microbiology, 2011, 77, 2882-2886.	3.1	625
6	Geobacter. Advances in Microbial Physiology, 2011, 59, 1-100.	2.4	541
7	Potential for Direct Interspecies Electron Transfer in Methanogenic Wastewater Digester Aggregates. MBio, 2011, 2, e00159-11.	4.1	472
8	Selection of a variant of Geobacter sulfurreducens with enhanced capacity for current production in microbial fuel cells. Biosensors and Bioelectronics, 2009, 24, 3498-3503.	10.1	383
9	Anode Biofilm Transcriptomics Reveals Outer Surface Components Essential for High Density Current Production in Geobacter sulfurreducens Fuel Cells. PLoS ONE, 2009, 4, e5628.	2.5	373
10	Microbial Fuel Cells, A Current Review. Energies, 2010, 3, 899-919.	3.1	358
11	Improved cathode materials for microbial electrosynthesis. Energy and Environmental Science, 2013, 6, 217-224.	30.8	339
12	Stimulating the anaerobic degradation of aromatic hydrocarbons in contaminated sediments by providing an electrode as the electron acceptor. Environmental Microbiology, 2010, 12, 1011-1020.	3.8	269
13	Transcriptome profiling of bacterial responses to root exudates identifies genes involved in microbe-plant interactions. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17454-17459.	7.1	232
14	Novel strategy for three-dimensional real-time imaging of microbial fuel cell communities: monitoring the inhibitory effects of proton accumulation within the anode biofilm. Energy and Environmental Science, 2009, 2, 113-119.	30.8	225
15	Specific localization of the <i>c</i> -type cytochrome OmcZ at the anode surface in current-producing biofilms of <i>Geobacter sulfurreducens</i> . Environmental Microbiology Reports, 2011, 3, 211-217.	2.4	214
16	PGPR enhanced phytoremediation of petroleum contaminated soil and rhizosphere microbial community response. Chemosphere, 2015, 138, 592-598.	8.2	183
17	Environmental Sensing of Heavy Metals Through Whole Cell Microbial Biosensors: A Synthetic Biology Approach. ACS Synthetic Biology, 2015, 4, 535-546.	3.8	172
18	Chemical and biological immobilization mechanisms of potentially toxic elements in biochar-amended soils. Critical Reviews in Environmental Science and Technology, 2020, 50, 903-978.	12.8	157

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19	Correlation between microbial community and granule conductivity in anaerobic bioreactors for brewery wastewater treatment. <i>Bioresource Technology</i> , 2014, 174, 306-310.	9.6	137
20	Engineering <i>Geobacter sulfurreducens</i> to produce a highly cohesive conductive matrix with enhanced capacity for current production. <i>Energy and Environmental Science</i> , 2013, 6, 1901.	30.8	134
21	Microtoming coupled to microarray analysis to evaluate the spatial metabolic status of <i>Geobacter sulfurreducens</i> biofilms. <i>ISME Journal</i> , 2010, 4, 509-519.	9.8	128
22	Microbial catalysis in bioelectrochemical technologies: status quo, challenges and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 509-518.	3.6	127
23	Reductive dechlorination of 2-chlorophenol by <i>Anaeromyxobacter dehalogenans</i> with an electrode serving as the electron donor. <i>Environmental Microbiology Reports</i> , 2010, 2, 289-294.	2.4	126
24	Antifouling activities expressed by marine surface associated <i>Pseudoalteromonas</i> species. <i>FEMS Microbiology Ecology</i> , 2002, 41, 47-58.	2.7	124
25	Bacteriophages in Natural and Artificial Environments. <i>Pathogens</i> , 2019, 8, 100.	2.8	124
26	Mechanisms for the removal of Cd(II) and Cu(II) from aqueous solution and mine water by biochars derived from agricultural wastes. <i>Chemosphere</i> , 2020, 254, 126745.	8.2	115
27	The Role of the Gastrointestinal Mucus System in Intestinal Homeostasis: Implications for Neurological Disorders. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 248.	3.9	109
28	Presence of Selected Methanogens, Fibrolytic Bacteria, and Proteobacteria in the Gastrointestinal Tract of Neonatal Dairy Calves from Birth to 72 Hours. <i>PLoS ONE</i> , 2015, 10, e0133048.	2.5	109
29	Electrical Conductivity in a Mixed-Species Biofilm. <i>Applied and Environmental Microbiology</i> , 2012, 78, 5967-5971.	3.1	106
30	Isolation and Structure Elucidation of a Novel Yellow Pigment from the Marine Bacterium <i>Pseudoalteromonas tunicata</i> . <i>Molecules</i> , 2005, 10, 1286-1291.	3.8	95
31	Bacterial biofilms: the powerhouse of a microbial fuel cell. <i>Biofuels</i> , 2010, 1, 589-604.	2.4	94
32	Microbial associated plant growth and heavy metal accumulation to improve phytoextraction of contaminated soils. <i>Soil Biology and Biochemistry</i> , 2016, 103, 131-137.	8.8	94
33	Oropouche Fever: A Review. <i>Viruses</i> , 2018, 10, 175.	3.3	90
34	Metabolic flexibility allows bacterial habitat generalists to become dominant in a frequently disturbed ecosystem. <i>ISME Journal</i> , 2021, 15, 2986-3004.	9.8	89
35	Electrode-Based Approach for Monitoring In Situ Microbial Activity During Subsurface Bioremediation. <i>Environmental Science &amp; Technology</i> , 2010, 44, 47-54.	10.0	85
36	Going Wireless: Fe(III) Oxide Reduction without Pili by <i>Geobacter sulfurreducens</i> Strain JS-1. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4331-4340.	3.1	84

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37	The Low Conductivity of <i>Geobacter uraniireducens</i> Pili Suggests a Diversity of Extracellular Electron Transfer Mechanisms in the Genus <i>Geobacter</i> . <i>Frontiers in Microbiology</i> , 2016, 07, 980.	3.5	84
38	Exploiting New Systems-Based Strategies to Elucidate Plant-Bacterial Interactions in the Rhizosphere. <i>Microbial Ecology</i> , 2006, 51, 257-266.	2.8	76
39	Attribution of crop yield responses to application of organic amendments: A critical review. <i>Soil and Tillage Research</i> , 2019, 186, 135-145.	5.6	76
40	Plant growth-promoting rhizobacteria enhance the growth and Cd uptake of <i>Sedum plumbizincicola</i> in a Cd-contaminated soil. <i>Journal of Soils and Sediments</i> , 2015, 15, 1191-1199.	3.0	72
41	Changes in the abundance and structure of bacterial communities under long-term fertilization treatments in a peanut monocropping system. <i>Plant and Soil</i> , 2015, 395, 415-427.	3.7	67
42	Long-term effects of elevated CO <sub>2</sub> on carbon and nitrogen functional capacity of microbial communities in three contrasting soils. <i>Soil Biology and Biochemistry</i> , 2016, 97, 157-167.	8.8	65
43	Gastrointestinal dysfunction in patients and mice expressing the autism-associated R451C mutation in <i>neurologin</i> . <i>Autism Research</i> , 2019, 12, 1043-1056.	3.8	63
44	Inhibition of Fungal Colonization by <i>Pseudoalteromonas tunicata</i> Provides a Competitive Advantage during Surface Colonization. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6079-6087.	3.1	60
45	Competitive Traits Are More Important than Stress-Tolerance Traits in a Cadmium-Contaminated Rhizosphere: A Role for Trait Theory in Microbial Ecology. <i>Frontiers in Microbiology</i> , 2018, 9, 121.	3.5	60
46	Plasma levels of trimethylamine-N-oxide can be increased with "healthy" and "unhealthy" diets and do not correlate with the extent of atherosclerosis but with plaque instability. <i>Cardiovascular Research</i> , 2021, 117, 435-449.	3.8	58
47	Environmental hotspots for antibiotic resistance genes. <i>MicrobiologyOpen</i> , 2021, 10, e1197.	3.0	56
48	A lipid membrane intercalating conjugated oligoelectrolyte enables electrode driven succinate production in <i>Shewanella</i> . <i>Energy and Environmental Science</i> , 2013, 6, 1761.	30.8	54
49	Antarctic Cryptoendolithic Fungal Communities Are Highly Adapted and Dominated by Lecanoromycetes and Dothideomycetes. <i>Frontiers in Microbiology</i> , 2018, 9, 1392.	3.5	53
50	Ammonia-Oxidizing Archaea Show More Distinct Biogeographic Distribution Patterns than Ammonia-Oxidizing Bacteria across the Black Soil Zone of Northeast China. <i>Frontiers in Microbiology</i> , 2018, 9, 171.	3.5	51
51	TCF-1 limits the formation of Tc17 cells via repression of the MAF <sup>ROR1</sup> axis. <i>Journal of Experimental Medicine</i> , 2019, 216, 1682-1699.	8.5	48
52	Real-time Spatial Gene Expression Analysis within Current-Producing Biofilms. <i>ChemSusChem</i> , 2012, 5, 1092-1098.	6.8	47
53	Development and Application of a Synthetically-Derived Lead Biosensor Construct for Use in Gram-Negative Bacteria. <i>Sensors</i> , 2016, 16, 2174.	3.8	46
54	Metabolic modeling of spatial heterogeneity of biofilms in microbial fuel cells reveals substrate limitations in electrical current generation. <i>Biotechnology Journal</i> , 2014, 9, 1350-1361.	3.5	44

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55	Increased microbial activity contributes to phosphorus immobilization in the rhizosphere of wheat under elevated CO <sub>2</sub> . <i>Soil Biology and Biochemistry</i> , 2014, 75, 292-299.	8.8	42
56	Anaerobes unleashed: Aerobic fuel cells of <i>Geobacter sulfurreducens</i> . <i>Journal of Power Sources</i> , 2011, 196, 7514-7518.	7.8	38
57	Microorganisms in heavy metal bioremediation: strategies for applying microbial-community engineering to remediate soils. <i>AIMS Bioengineering</i> , 2016, 3, 211-229.	1.1	38
58	Direct comparison of <i>Arabidopsis</i> gene expression reveals different responses to melatonin versus auxin. <i>BMC Plant Biology</i> , 2019, 19, 567.	3.6	37
59	Delving through electrogenic biofilms: from anodes to cathodes to microbes. <i>AIMS Bioengineering</i> , 2015, 2, 222-248.	1.1	35
60	A pioneer calf foetus microbiome. <i>Scientific Reports</i> , 2020, 10, 17712.	3.3	34
61	Long-term CO <sub>2</sub> enrichment alters the diversity and function of the microbial community in soils with high organic carbon. <i>Soil Biology and Biochemistry</i> , 2020, 144, 107780.	8.8	33
62	Loss of microbial diversity does not decrease <sup>13</sup> C-HCH degradation but increases methanogenesis in flooded paddy soil. <i>Soil Biology and Biochemistry</i> , 2021, 156, 108210.	8.8	33
63	Functional characterization of Gram-negative bacteria from different genera as multiplex cadmium biosensors. <i>Biosensors and Bioelectronics</i> , 2017, 94, 380-387.	10.1	32
64	Dynamic processes in conjunction with microbial response to disclose the biochar effect on pentachlorophenol degradation under both aerobic and anaerobic conditions. <i>Journal of Hazardous Materials</i> , 2020, 384, 121503.	12.4	32
65	Innovative biological approaches for monitoring and improving water quality. <i>Frontiers in Microbiology</i> , 2015, 6, 826.	3.5	29
66	Production of pilus-like filaments in <i>Geobacter sulfurreducens</i> in the absence of the type IV pilin protein PilA. <i>FEMS Microbiology Letters</i> , 2010, 310, 62-68.	1.8	27
67	Growth of <i>Caenorhabditis elegans</i> in Defined Media Is Dependent on Presence of Particulate Matter. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 567-575.	1.8	27
68	Microbial communities in top- and subsoil of repacked soil columns respond differently to amendments but their diversity is negatively correlated with plant productivity. <i>Scientific Reports</i> , 2019, 9, 8890.	3.3	27
69	Biogeographic Distribution Patterns of the Archaeal Communities Across the Black Soil Zone of Northeast China. <i>Frontiers in Microbiology</i> , 2019, 10, 23.	3.5	27
70	Improved synergistic dechlorination of PCP in flooded soil microcosms with supplementary electron donors, as revealed by strengthened connections of functional microbial interactome. <i>Soil Biology and Biochemistry</i> , 2019, 136, 107515.	8.8	27
71	Fire regime, not time-since-fire, affects soil fungal community diversity and composition in temperate grasslands. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw196.	1.8	26
72	Maize straw biochar addition inhibited pentachlorophenol dechlorination by strengthening the predominant soil reduction processes in flooded soil. <i>Journal of Hazardous Materials</i> , 2020, 386, 122002.	12.4	26

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73	Using Animal Models to Study the Role of the Gut-Brain Axis in Autism. <i>Current Developmental Disorders Reports</i> , 2017, 4, 28-36.	2.1	24
74	Deciphering the electric code of <i>Geobacter sulfurreducens</i> in cocultures with <i>Pseudomonas aeruginosa</i> via SWATH-MS proteomics. <i>Bioelectrochemistry</i> , 2018, 119, 150-160.	4.6	24
75	Biochar aging alters the bioavailability of cadmium and microbial activity in acid contaminated soils. <i>Journal of Hazardous Materials</i> , 2021, 420, 126666.	12.4	24
76	Elevated atmospheric CO <sub>2</sub> alters the microbial community composition and metabolic potential to mineralize organic phosphorus in the rhizosphere of wheat. <i>Microbiome</i> , 2022, 10, 12.	11.1	24
77	Bioengineering microbial communities: Their potential to help, hinder and disgust. <i>Bioengineered</i> , 2016, 7, 137-144.	3.2	23
78	Uptake of milk with and without solid feed during the monogastric phase: Effect on fibrolytic and methanogenic microorganisms in the gastrointestinal tract of calves. <i>Animal Science Journal</i> , 2016, 87, 378-388.	1.4	23
79	Comparative analysis of microbial communities during enrichment and isolation of DDT-degrading bacteria by culture-dependent and -independent methods. <i>Science of the Total Environment</i> , 2017, 590-591, 297-303.	8.0	23
80	Bacterial and Fungal Communities Are Differentially Modified by Melatonin in Agricultural Soils Under Abiotic Stress. <i>Frontiers in Microbiology</i> , 2019, 10, 2616.	3.5	23
81	Investigating microbial activities of electrode-associated microorganisms in real-time. <i>Frontiers in Microbiology</i> , 2014, 5, 663.	3.5	22
82	Crop yield responses to surface and subsoil applications of poultry litter and inorganic fertiliser in south-eastern Australia. <i>Crop and Pasture Science</i> , 2018, 69, 303.	1.5	22
83	Inhibitory Effects of Sulfate and Nitrate Reduction on Reductive Dechlorination of PCP in a Flooded Paddy Soil. <i>Frontiers in Microbiology</i> , 2018, 9, 567.	3.5	22
84	Pentachlorophenol alters the acetate-assimilating microbial community and redox cycling in anoxic soils. <i>Soil Biology and Biochemistry</i> , 2019, 131, 133-140.	8.8	21
85	Elevated CO <sub>2</sub> increases the abundance but simplifies networks of soybean rhizosphere fungal community in Mollisol soils. <i>Agriculture, Ecosystems and Environment</i> , 2018, 264, 94-98.	5.3	20
86	Microbial Fuel Cells, Related Technologies, and Their Applications. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2384.	2.5	19
87	Exercise improves metabolic function and alters the microbiome in rats with gestational diabetes. <i>FASEB Journal</i> , 2020, 34, 1728-1744.	0.5	19
88	Long-lasting effect of mercury contamination on the soil microbiota and its co-selection of antibiotic resistance. <i>Environmental Pollution</i> , 2020, 265, 115057.	7.5	19
89	Assembly and variation of root-associated microbiota of rice during their vegetative growth phase with and without lindane pollutant. <i>Soil Ecology Letters</i> , 2021, 3, 207-219.	4.5	19
90	Significance of a Posttranslational Modification of the PilA Protein of <i>Geobacter sulfurreducens</i> for Surface Attachment, Biofilm Formation, and Growth on Insoluble Extracellular Electron Acceptors. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	18

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91	Seeking the needle in the haystack: Undetectability of mycorrhizal fungi outside of the plant rhizosphere associated with an endangered Australian orchid. <i>Fungal Ecology</i> , 2018, 33, 13-23.	1.6	17
92	Altered Caecal Neuroimmune Interactions in the Neuroligin-3R451C Mouse Model of Autism. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 85.	3.7	16
93	Comparing the Gut Microbiome in Autism and Preclinical Models: A Systematic Review. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	16
94	The development and analyses of several Gram-negative arsenic biosensors using a synthetic biology approach. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 117-125.	7.8	15
95	The shift of bacterial community composition magnifies over time in response to different sources of soybean residues. <i>Applied Soil Ecology</i> , 2019, 136, 163-167.	4.3	15
96	The effects of biochar aging on rhizosphere microbial communities in cadmium-contaminated acid soil. <i>Chemosphere</i> , 2022, 303, 135153.	8.2	15
97	Characteristics of metal-tolerant plant growth-promoting yeast ( <i>Cryptococcus</i> sp. NSE1) and its influence on Cd hyperaccumulator <i>Sedum plumbizincicola</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 18621-18629.	5.3	13
98	The microbiology of microbial electrolysis cells. <i>Microbiology Australia</i> , 2014, 35, 201.	0.4	12
99	Comparative Analysis of Structural Variations Due to Genome Shuffling of <i>Bacillus Subtilis</i> VS15 for Improved Cellulase Production. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1299.	4.1	12
100	Interactive effects of biochar type and pH on the bioavailability of As and Cd and microbial activities in co-contaminated soils. <i>Environmental Technology and Innovation</i> , 2021, 23, 101767.	6.1	12
101	Composition of soil organic matter drives total loss of dieldrin and dichlorodiphenyltrichloroethane in high-value pastures over thirty years. <i>Science of the Total Environment</i> , 2019, 691, 135-145.	8.0	11
102	Autism-associated synaptic mutations impact the gut-brain axis in mice. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 275-282.	4.1	11
103	Highly decomposed organic carbon mediates the assembly of soil communities with traits for the biodegradation of chlorinated pollutants. <i>Journal of Hazardous Materials</i> , 2021, 404, 124077.	12.4	11
104	Draft Genome Sequence of <i>Bacillus cereus</i> LCR12, a Plant Growth-Promoting Rhizobacterium Isolated from a Heavy Metal-Contaminated Environment. <i>Genome Announcements</i> , 2016, 4, .	0.8	8
105	Delving into the dark ecology: A continent-wide assessment of patterns of composition in soil fungal communities from Australian tussock grasslands. <i>Fungal Ecology</i> , 2019, 39, 356-370.	1.6	8
106	Towards Identifying Genetic Biomarkers for Gastrointestinal Dysfunction in Autism. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 76-86.	2.7	8
107	Town-scale microbial sewer community and H <sub>2</sub> S emissions response to common chemical and biological dosing treatments. <i>Journal of Environmental Sciences</i> , 2020, 87, 133-148.	6.1	8
108	The antimicrobial resistance crisis: management through gene monitoring. <i>Open Biology</i> , 2016, 6, 160236.	3.6	7

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109	A single application of fertiliser or manure to a cropping field has limited long-term effects on soil microbial communities. <i>Soil Research</i> , 2019, 57, 228.	1.1	7
110	Organic and inorganic amendments did not affect microbial community composition in the bulk soil differently but did change the relative abundance of selected taxa. <i>European Journal of Soil Science</i> , 2019, 70, 796-806.	3.9	7
111	Transcriptional analysis in microbial fuel cells: common pitfalls in global gene expression studies of microbial biofilms. <i>FEMS Microbiology Letters</i> , 2010, 307, 111-112.	1.8	6
112	Draft Genome Sequence of <i>Enterobacter ludwigii</i> NCR3, a Heavy Metal-Resistant Rhizobacterium. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
113	Adaptive Evolution of <i>Geobacter sulfurreducens</i> in Coculture with <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2020, 11, .	4.1	5
114	Biochar reduced extractable dieldrin concentrations and promoted oligotrophic growth including microbial degraders of chlorinated pollutants. <i>Journal of Hazardous Materials</i> , 2022, 423, 127156.	12.4	5
115	A putative RNA-binding protein has a role in virulence in <i>Ralstonia solanacearum</i> GM1000. <i>Molecular Plant Pathology</i> , 2008, 9, 67-72.	4.2	4
116	Coupling anaerobic bacteria and microbial fuel cells as whole-cell environmental biosensors. <i>Microbiology Australia</i> , 2015, 36, 129.	0.4	4
117	Draft Genome Sequence of <i>Leifsonia</i> sp. Strain NCR5, a Rhizobacterium Isolated from Cadmium-Contaminated Soil. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
118	Reviewing microbial electrical systems and bacteriophage biocontrol as targeted novel treatments for reducing hydrogen sulfide emissions in urban sewer systems. <i>Reviews in Environmental Science and Biotechnology</i> , 2018, 17, 749-764.	8.1	4
119	High doses of melatonin confer abiotic stress tolerance to phytopathogenic fungi grown in vitro. <i>Melatonin Research</i> , 2020, 3, 187-193.	1.1	4
120	What's Current with Electric Microbes?. <i>Journal of Bacteriology &amp; Parasitology</i> , 2012, 03, .	0.2	4
121	Understanding microbiomes through trait-based ecology. <i>Microbiology Australia</i> , 2018, 39, 53.	0.4	4
122	Linking microscopic interactions with macroscopic effects. <i>Journal of Vegetation Science</i> , 2017, 28, 462-463.	2.2	3
123	Incorporating fungal community ecology into invasion biology: challenges and opportunities. <i>Microbiology Australia</i> , 2018, 39, 56.	0.4	3
124	An Insight Into the Effect of Organic Amendments on the Transpiration Efficiency of Wheat Plant in a Sodic Duplex Soil. <i>Frontiers in Plant Science</i> , 2021, 12, 722000.	3.6	3
125	Electron Transfer Between Bacteria and Electrodes. , 2017, , 93-170.		2
126	Potential Determinants of Gastrointestinal Dysfunction in Autism Spectrum Disorders. Review <i>Journal of Autism and Developmental Disorders</i> , 2020, 7, 182-196.	3.4	2



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127	Editorial: Interactions of the Nervous System With Bacteria. <i>Frontiers in Neuroscience</i> , 2021, 15, 682744.	2.8	2
128	Interactions of the Gut Nervous System with Bacteria. , 2021, , 339-372.		2
129	Draft Genome Sequence of <i>Rhodococcus erythropolis</i> NSX2, an Actinobacterium Isolated from a Cadmium-Contaminated Environment. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
130	Enhanced Growth of Pilin-Deficient <i>Geobacter sulfurreducens</i> Mutants in Carbon Poor and Electron Donor Limiting Conditions. <i>Microbial Ecology</i> , 2019, 78, 618-630.	2.8	1
131	Exercise before and during pregnancy in females born growth restricted on a high-fat diet alters the microbiome and glucose intolerance to a greater extent than exercise during pregnancy only. <i>Placenta</i> , 2017, 57, 287.	1.5	0
132	A preliminary study of pharmacogenetic biomarkers for individuals with autism and gastrointestinal dysfunction. <i>Research in Autism Spectrum Disorders</i> , 2020, 71, 101516.	1.5	0
133	Plugging in microbial metabolism for industrial applications. <i>Microbiology Australia</i> , 2017, 38, 89.	0.4	0