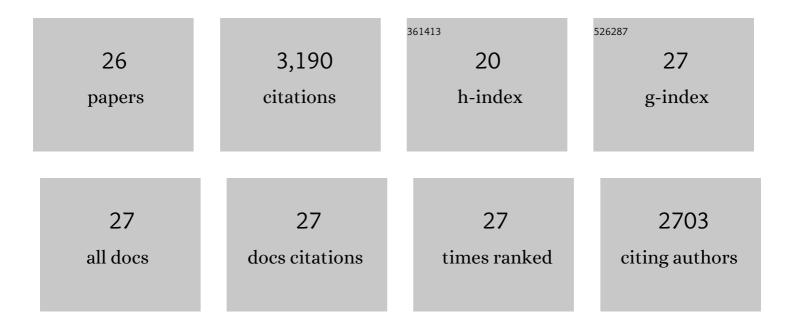
Linwei Wu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5577930/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Climate warming enhances microbial network complexity and stability. Nature Climate Change, 2021, 11, 343-348. | 18.8 | 672 |
| 2 | Global diversity and biogeography of bacterial communities in wastewater treatment plants. Nature Microbiology, 2019, 4, 1183-1195. | 13.3 | 491 |
| 3 | A quantitative framework reveals ecological drivers of grassland microbial community assembly in response to warming. Nature Communications, 2020, 11, 4717. | 12.8 | 417 |
| 4 | The microbial gene diversity along an elevation gradient of the Tibetan grassland. ISME Journal, 2014, 8, 430-440. | 9.8 | 249 |
| 5 | Small and mighty: adaptation of superphylum Patescibacteria to groundwater environment drives their genome simplicity. Microbiome, 2020, 8, 51. | 11.1 | 205 |
| 6 | Long-term successional dynamics of microbial association networks in anaerobic digestion processes. Water Research, 2016, 104, 1-10. | 11.3 | 177 |
| 7 | The microbe-mediated mechanisms affecting topsoil carbon stock in Tibetan grasslands. ISME Journal, 2015, 9, 2012-2020. | 9.8 | 98 |
| 8 | Nutrient supply controls the linkage between species abundance and ecological interactions in marine bacterial communities. Nature Communications, 2022, 13, 175. | 12.8 | 95 |
| 9 | Reduction of microbial diversity in grassland soil is driven by long-term climate warming. Nature Microbiology, 2022, 7, 1054-1062. | 13.3 | 86 |
| 10 | Seasonal dynamics of the microbial community in two full-scale wastewater treatment plants: Diversity, composition, phylogenetic group based assembly and co-occurrence pattern. Water Research, 2021, 200, 117295. | 11.3 | 83 |
| 11 | Climate warming accelerates temporal scaling of grassland soil microbial biodiversity. Nature Ecology and Evolution, 2019, 3, 612-619. | 7.8 | 82 |
| 12 | Microbial functional trait of rRNA operon copy numbers increases with organic levels in anaerobic digesters. ISME Journal, 2017, 11, 2874-2878. | 9.8 | 70 |
| 13 | Bacteriophage–prokaryote dynamics and interaction within anaerobic digestion processes across time and space. Microbiome, 2017, 5, 57. | 11.1 | 68 |
| 14 | Gene-informed decomposition model predicts lower soil carbon loss due to persistent microbial adaptation to warming. Nature Communications, 2020, 11, 4897. | 12.8 | 67 |
| 15 | Disentangling direct from indirect relationships in association networks. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 61 |
| 16 | Winter warming in Alaska accelerates lignin decomposition contributed by Proteobacteria. Microbiome, 2020, 8, 84. | 11.1 | 47 |
| 17 | The spatial scale dependence of diazotrophic and bacterial community assembly in paddy soil. Global Ecology and Biogeography, 2019, 28, 1093-1105. | 5.8 | 42 |
| 18 | Zonal Soil Type Determines Soil Microbial Responses to Maize Cropping and Fertilization. MSystems, 2016, 1, . | 3.8 | 38 |

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|----|--|------|-----------|
| 19 | Alpine soil carbon is vulnerable to rapid microbial decomposition under climate cooling. ISME Journal, 2017, 11, 2102-2111. | 9.8 | 33 |
| 20 | Environmental antibiotics drives the genetic functions of resistome dynamics. Environment International, 2020, 135, 105398. | 10.0 | 29 |
| 21 | Evaluating the lingering effect of livestock grazing on functional potentials of microbial communities in Tibetan grassland soils. Plant and Soil, 2016, 407, 385-399. | 3.7 | 16 |
| 22 | Dissimilar responses of fungal and bacterial communities to soil transplantation simulating abrupt climate changes. Molecular Ecology, 2019, 28, 1842-1856. | 3.9 | 13 |
| 23 | Permafrost thaw with warming reduces microbial metabolic capacities in subsurface soils. Molecular Ecology, 2022, 31, 1403-1415. | 3.9 | 12 |
| 24 | Microbial Functional Responses Explain Alpine Soil Carbon Fluxes under Future Climate Scenarios. MBio, 2021, 12, . | 4.1 | 10 |
| 25 | Macroecological distributions of gene variants highlight the functional organization of soil microbial systems. ISME Journal, 2022, 16, 726-737. | 9.8 | 8 |
| 26 | GeoChip as a metagenomics tool to analyze the microbial gene diversity along an elevation gradient. Genomics Data, 2014, 2, 132-134. | 1.3 | 5 |