# Yongxing Cui

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6522592/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 37<br>papers | 2,374<br>citations | 304701<br>22<br>h-index | 315719<br>38<br>g-index |
| 39<br>all docs | 39<br>docs citations | 39<br>times ranked | 1453<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ecoenzymatic stoichiometry and microbial nutrient limitation in rhizosphere soil in the arid area of the northern Loess Plateau, China. Soil Biology and Biochemistry, 2018, 116, 11-21. | 8.8 | 243 |
| 2 | Impact of co-inoculation with plant-growth-promoting rhizobacteria and rhizobium on the biochemical responses of alfalfa-soil system in copper contaminated soil. Ecotoxicology and Environmental Safety, 2019, 167, 218-226. | 6.0 | 190 |
| 3 | Reveal the response of enzyme activities to heavy metals through in situ zymography. Ecotoxicology and Environmental Safety, 2018, 156, 106-115. | 6.0 | 184 |
| 4 | Natural grassland as the optimal pattern of vegetation restoration in arid and semi-arid regions: Evidence from nutrient limitation of soil microbes. Science of the Total Environment, 2019, 648, 388-397. | 8.0 | 164 |
| 5 | Soil moisture mediates microbial carbon and phosphorus metabolism during vegetation succession in a semiarid region. Soil Biology and Biochemistry, 2020, 147, 107814. | 8.8 | 140 |
| 6 | Diversity patterns of the rhizosphere and bulk soil microbial communities along an altitudinal gradient in an alpine ecosystem of the eastern Tibetan Plateau. Geoderma, 2019, 338, 118-127. | 5.1 | 139 |
| 7 | Patterns of soil microbial nutrient limitations and their roles in the variation of soil organic carbon across a precipitation gradient in an arid and semi-arid region. Science of the Total Environment, 2019, 658, 1440-1451. | 8.0 | 108 |
| 8 | Extracellular enzyme stoichiometry reveals the carbon and phosphorus limitations of microbial metabolisms in the rhizosphere and bulk soils in alpine ecosystems. Plant and Soil, 2021, 458, 7-20. | 3.7 | 107 |
| 9 | Ecoenzymatic stoichiometry reveals microbial phosphorus limitation decreases the nitrogen cycling potential of soils in semi-arid agricultural ecosystems. Soil and Tillage Research, 2020, 197, 104463. | 5.6 | 95 |
| 10 | Responses of soil microbial communities to nutrient limitation in the desert-grassland ecological transition zone. Science of the Total Environment, 2018, 642, 45-55. | 8.0 | 94 |
| 11 | Review on migration, transformation and ecological impacts of microplastics in soil. Applied Soil Ecology, 2022, 176, 104486. | 4.3 | 87 |
| 12 | Improvement of alfalfa resistance against Cd stress through rhizobia and arbuscular mycorrhiza fungi co-inoculation in Cd-contaminated soil. Environmental Pollution, 2021, 277, 116758. | 7.5 | 78 |
| 13 | Co-inoculation effect of plant-growth-promoting rhizobacteria and rhizobium on EDDS assisted phytoremediation of Cu contaminated soils. Chemosphere, 2020, 254, 126724. | 8.2 | 76 |
| 14 | Phosphorus recovery by core-shell Î³-Al2O3/Fe3O4 biochar composite from aqueous phosphate solutions. Science of the Total Environment, 2020, 729, 138892. | 8.0 | 68 |
| 15 | Stoichiometric models of microbial metabolic limitation in soil systems. Global Ecology and Biogeography, 2021, 30, 2297-2311. | 5.8 | 64 |
| 16 | Higher temporal turnover of soil fungi than bacteria during long-term secondary succession in a semiarid abandoned farmland. Soil and Tillage Research, 2019, 194, 104305. | 5.6 | 58 |
| 17 | Responses of soil bacterial communities, enzyme activities, and nutrients to agricultural-to-natural ecosystem conversion in the Loess Plateau, China. Journal of Soils and Sediments, 2019, 19, 1427-1440. | 3.0 | 51 |
| 18 | Deciphering the rhizobium inoculation effect on spatial distribution of phosphatase activity in the rhizosphere of alfalfa under copper stress. Soil Biology and Biochemistry, 2019, 137, 107574. | 8.8 | 47 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A novel extracellular enzyme stoichiometry method to evaluate soil heavy metal contamination: Evidence derived from microbial metabolic limitation. Science of the Total Environment, 2020, 738, 139709. | 8.0 | 45 |
| 20 | Microbial metabolic limitation of rhizosphere under heavy metal stress: Evidence from soil ecoenzymatic stoichiometry. Environmental Pollution, 2022, 300, 118978. | 7.5 | 39 |
| 21 | Decreasing microbial phosphorus limitation increases soil carbon release. Geoderma, 2022, 419, 115868. | 5.1 | 39 |
| 22 | Application of signaling molecules in reducing metal accumulation in alfalfa and alleviating metal-induced phytotoxicity in Pb/Cd-contaminated soil. Ecotoxicology and Environmental Safety, 2019, 182, 109459. | 6.0 | 31 |
| 23 | Responses of soil microbial community composition and enzyme activities to long-term organic amendments in a continuous tobacco cropping system. Applied Soil Ecology, 2022, 169, 104210. | 4.3 | 27 |
| 24 | Evaluation methods of heavy metal pollution in soils based on enzyme activities: A review. Soil Ecology Letters, 2021, 3, 169-177. | 4.5 | 25 |
| 25 | Ecoenzymatic stoichiometry reveals phosphorus addition alleviates microbial nutrient limitation and promotes soil carbon sequestration in agricultural ecosystems. Journal of Soils and Sediments, 2022, 22, 536-546. | 3.0 | 25 |
| 26 | Effects of Vegetation Restoration on Soil Bacterial Communities, Enzyme Activities, and Nutrients of Reconstructed Soil in a Mining Area on the Loess Plateau, China. Sustainability, 2019, 11, 2295. | 3.2 | 23 |
| 27 | The mechanism of the dose effect of straw on soil respiration: Evidence from enzymatic stoichiometry and functional genes. Soil Biology and Biochemistry, 2022, 168, 108636. | 8.8 | 22 |
| 28 | Heavy metal pollution increases soil microbial carbon limitation: Evidence from ecological enzyme stoichiometry. Soil Ecology Letters, 2021, 3, 230-241. | 4.5 | 21 |
| 29 | Microbial metabolic limitation response to experimental warming along an altitudinal gradient in alpine grasslands, eastern Tibetan Plateau. Catena, 2022, 214, 106243. | 5.0 | 19 |
| 30 | Changes in Soil Physical and Chemical Properties following Surface Mining and Reclamation. Soil Science Society of America Journal, 2016, 80, 1476-1485. | 2.2 | 14 |
| 31 | Soil Aggregation and Aggregateâ€Associated Organic C and Total N as Affected by Revegetation Pattern at a Surface Mine on the Loess Plateau, China. Soil Science Society of America Journal, 2019, 83, 388-397. | 2.2 | 11 |
| 32 | Use of montmorillonite-enriched siltstone for improving water condition and plant growth in sandy soil. Ecological Engineering, 2020, 145, 105740. | 3.6 | 10 |
| 33 | Consistent Plant and Microbe Nutrient Limitation Patterns During Natural Vegetation Restoration. Frontiers in Plant Science, 2022, 13, . | 3.6 | 9 |
| 34 | Revegetation pattern affecting accumulation of organic carbon and total nitrogen in reclaimed mine soils. PeerJ, 2020, 8, e8563. | 2.0 | 7 |
| 35 | Removal of Cd(II) and Cu(II) from Aqueous Solution by Na<sup>+</sup>-Modified Pisha Sandstone. Journal of Chemistry, 2020, 2020, 1-13. | 1.9 | 6 |
| 36 | Storage of Soil Organic Carbon and Its Spatial Variability in an Agro-Pastoral Ecotone of Northern China. Sustainability, 2020, 12, 2259. | 3.2 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | How the development of barren land into orchards affects soil ecosystem in Tibet, China. Pedosphere, 2022, 32, 616-628. | 4.0 | 1 |