# Chao Fang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6039713/publications.pdf

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|---|---|---|---|
| 17 papers | 544 citations | 759233 12 h-index | 940533 16 g-index |
| 17 all docs | 17 docs citations | 17 times ranked | 579 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Controlling factors of soil organic carbon and nitrogen in lucerne grasslands in a semiarid environment. Catena, 2022, 211, 105983. | 5.0 | 4 |
| 2 | Identifying a suitable revegetation method for soil organic carbon, nitrogen, and phosphorus sequestration: A 16â€year in situ experiment on abandoned farmland in a semiarid area of the Loess Plateau, China. Land Degradation and Development, 2022, 33, 2366-2378. | 3.9 | 4 |
| 3 | Long-Term Growth of Alfalfa Increased Soil Organic Matter Accumulation and Nutrient Mineralization in a Semi-Arid Environment. Frontiers in Environmental Science, 2021, 9, . | 3.3 | 24 |
| 4 | On the Below- and Aboveground Phenology in Deciduous Trees: Observing the Fine-Root Lifespan, Turnover Rate, and Phenology of Fagus sylvatica L., Quercus robur L., and Betula pendula Roth for Two Growing Seasons. Forests, 2021, 12, 1680. | 2.1 | 5 |
| 5 | Legacy effects of precipitation amount and frequency on the aboveground plant biomass of a semi-arid grassland. Science of the Total Environment, 2020, 705, 135899. | 8.0 | 22 |
| 6 | Unaltered soil microbial community composition, but decreased metabolic activity in a semiarid grassland after two years of passive experimental warming. Ecology and Evolution, 2020, 10, 12327-12340. | 1.9 | 12 |
| 7 | Greater Biofilm Formation and Increased Biodegradation of Polyethylene Film by a Microbial Consortium of Arthrobacter sp. and Streptomyces sp.. Microorganisms, 2020, 8, 1979. | 3.6 | 49 |
| 8 | Topographic influences on soil properties and aboveground biomass in lucerne-rich vegetation in a semi-arid environment. Geoderma, 2019, 344, 137-143. | 5.1 | 38 |
| 9 | Migration of Rural Residents to Urban Areas Drives Grassland Vegetation Increase in Chinaâ€™s Loess Plateau. Sustainability, 2019, 11, 6764. | 3.2 | 16 |
| 10 | Impacts of warming and nitrogen addition on soil autotrophic and heterotrophic respiration in a semi-arid environment. Agricultural and Forest Meteorology, 2018, 248, 449-457. | 4.8 | 54 |
| 11 | Under which climate and soil conditions the plant productivityâ€“precipitation relationship is linear or nonlinear?. Science of the Total Environment, 2018, 616-617, 1174-1180. | 8.0 | 32 |
| 12 | Benefits and limitations to straw- and plastic-film mulch on maize yield and water use efficiency: A meta-analysis across hydrothermal gradients. European Journal of Agronomy, 2018, 99, 138-147. | 4.1 | 113 |
| 13 | Seasonal responses of soil respiration to warming and nitrogen addition in a semi-arid alfalfa-pasture of the Loess Plateau, China. Science of the Total Environment, 2017, 590-591, 729-738. | 8.0 | 58 |
| 14 | Medicago sativa improves soil carbon sequestration following revegetation of degraded arable land in a semi-arid environment on the Loess Plateau, China. Agriculture, Ecosystems and Environment, 2016, 232, 93-100. | 5.3 | 27 |
| 15 | Comparison Study of Electromagnetic Performance of Bearingless Flux-Switching Permanent-Magnet Motors. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5. | 1.7 | 23 |
| 16 | Effects of legume species introduction on vegetation and soil nutrient development on abandoned croplands in a semi-arid environment on the Loess Plateau, China. Science of the Total Environment, 2016, 541, 692-700. | 8.0 | 54 |
| 17 | Finite element analysis of a novel bearingless flux-switching permanent magnet motor with the single winding. , 2014, , . | | 9 |