

Chao Fang

List of Publications by Year in descending order

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