Hongzhang Kang

List of Publications by Year
in descending order

30 papers	506 citations	759233 12 h-index	677142 22 g-index
30 all docs	30 docs citations	30 times ranked	1319 citing authors

#	Article	IF	Citations
1	Spatio-Temporal Evolution, Prediction and Optimization of LUCC Based on CA-Markov and InVEST Models: A Case Study of Mentougou District, Beijing. International Journal of Environmental Research and Public Health, 2022, 19, 2432.	2.6	12
2	Chronic nitrogen deposition drives microbial community change and disrupts bacterial-fungal interactions along a subtropical urbanization gradient. Soil Biology and Biochemistry, 2022, 169, 108676.	8.8	3
3	Soil microbial community composition and function are closely associated with soil organic matter chemistry along a latitudinal gradient. Geoderma, 2021, 383, 114744.	5.1	32
4	On Landscape Patterns in Typical Mountainous Counties Middle Reaches of the Yangtze River in China. International Journal of Environmental Research and Public Health, 2021, 18, 4000.	2.6	3
5	Ester Linked Fatty Acid (ELFA) method should be used with caution for interpretating soil microbial communities and their relationships with environmental variables in forest soils. PLoS ONE, 2021, 16, e0251501.	2.5	0
6	Genetic variation and differentiation of Quercus variabilis populations at phosphate and non-phosphate rock sites in southwestern China. Plant Systematics and Evolution, 2021, 307, 1.	0.9	1
7	Effects of Urbanization on Landscape Patterns in the Middle Reaches of the Yangtze River Region. Land, 2021, 10, 1025.	2.9	9
8	Spatial variations in stomatal traits and their coordination with leaf traits in Quercus variabilis across Eastern Asia. Science of the Total Environment, 2021, 789, 147757.	8.0	7
9	Body Size Plasticity of Weevil Larvae (Curculio davidi) (Coleoptera: Curculionidae) and Its Stoichiometric Relationship With Different Hosts. Journal of Insect Science, 2021, 21, .	1.5	1
10	Roles of metabolic regulation in developing Quercus variabilis acorns at contrasting geologically-derived phosphorus sites in subtropical China. BMC Plant Biology, 2020, 20, 389.	3.6	7
11	Correlated metabolic and elemental variations between the leaves and seeds of oak trees at contrasting geologically derived phosphorus sites. Science of the Total Environment, 2019, 691, 178-186.	8.0	9
12	Prolonging Rotation of Chinese Fir to over 25 Years Could Maintain a Better Soil Status in Subtropical China. Forests, 2019, 10, 629.	2.1	7
13	Karst rocky desertification does not erode ectomycorrhizal fungal species richness but alters microbial community structure. Plant and Soil, 2019, 445, 383-396.	3.7	16
14	Long-term continuity of mixed-species broadleaves could reach a synergy between timber production and soil carbon sequestration in subtropical China. Forest Ecology and Management, 2019, 440, 31-39.	3.2	14
15	Impact factor assessment of the uptake and accumulation of polycyclic aromatic hydrocarbons by plant leaves: Morphological characteristics have the greatest impact. Science of the Total Environment, 2019, 652, 1149-1155.	8.0	40
16	Changes in soil microbial community structure and function after afforestation depend on species and age: Case study in a subtropical alluvial island. Science of the Total Environment, 2018, 625, 1423-1432.	8.0	68
17	Changes of Ecosystem Services and Landscape Patterns in Mountainous Areas: A Case Study in the Mentougou District in Beijing. Sustainability, 2018, 10, 3689.	3.2	7
18	Modeling height-diameter relationship for artificial monoculture Metasequoia glyptostroboides in sub-tropic coastal megacity Shanghai, China. Urban Forestry and Urban Greening, 2018, 34, 226-232.	5.3	15

#	ARTICLE	IF	CITATIONS
19	Evaluation of spectral pretreatments, spectral range, and regression methods for quantitative spectroscopic analysis of soil organic carbon composition. Spectroscopy Letters, 2017, 50, 143-149.	1.0	8
20	Surface soil organic carbon in temperate and subtropical oriental oak stands of East China. Canadian Journal of Forest Research, 2016, 46, 621-628.	1.7	4
21	Phenotypic plasticity controls regional-scale variation in Quercus variabilis leaf Î´13C. Trees - Structure and Function, 2016, 30, 1445-1453.	1.9	4
22	Response of forest soil respiration to nutrient addition depends on site fertility. Biogeochemistry, 2016, 127, 113-124.	3.5	15
23	Variation of Oriental Oak (Quercus variabilis) Leaf Î´13C across Temperate and Subtropical China: Spatial Patterns and Sensitivity to Precipitation. Forests, 2015, 6, 2296-2306.	2.1	12
24	Biogeographic patterns of multi-element stoichiometry of Quercus variabilis leaves across China. Canadian Journal of Forest Research, 2015, 45, 1827-1834.	1.7	24
25	Climatic Control on Plant and Soil Î´13C along an Altitudinal Transect of Lushan Mountain in Subtropical China: Characteristics and Interpretation of Soil Carbon Dynamics. PLoS ONE, 2014, 9, e86440.	2.5	15
26	Soil organic carbon stock and chemical composition along an altitude gradient in the Lushan Mountain, subtropical China. Ecological Research, 2014, 29, 433-439.	1.5	50
27	Stoichiometric traits of oriental oak (Quercus variabilis) acorns and their variations in relation to environmental variables across temperate to subtropical China. Ecological Research, 2012, 27, 765-773.	1.5	23
28	Pattern of leaf vein density and climate relationship of Quercus variabilis populations remains unchanged with environmental changes. Trees - Structure and Function, 2012, 26, 597-607.	1.9	27
29	Variation in foliar Î´15N among oriental oak (Quercus variabilis) stands over eastern China: Patterns and interactions. Journal of Geochemical Exploration, 2011, 110, 8-14.	3.2	19
30	Global pattern of leaf litter nitrogen and phosphorus in woody plants. Annals of Forest Science, 2010, 67, 811-811.	2.0	54