

# Weijun Fu

## List of Publications by Year in descending order

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37  
papers

1,766  
citations

257101

24  
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344852

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all docs

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docs citations

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times ranked

1606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of biochar application in forest ecosystems on soil properties and greenhouse gas emissions: a review. <i>Journal of Soils and Sediments</i> , 2018, 18, 546-563.	1.5	287
2	Risk assessment, spatial patterns and source apportionment of soil heavy metals in a typical Chinese hickory plantation region of southeastern China. <i>Geoderma</i> , 2020, 360, 114011.	2.3	142
3	Spatial variation of soil nutrients in a dairy farm and its implications for site-specific fertilizer application. <i>Soil and Tillage Research</i> , 2010, 106, 185-193.	2.6	139
4	Contamination and Spatial Variation of Heavy Metals in the Soil-Rice System in Nanxun County, Southeastern China. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 1577-1594.	1.2	90
5	The spatial distribution pattern of heavy metals and risk assessment of moso bamboo forest soil around lead-zinc mine in Southeastern China. <i>Soil and Tillage Research</i> , 2015, 153, 120-130.	2.6	86
6	Spatial patterns of potentially hazardous metals in paddy soils in a typical electrical waste dismantling area and their pollution characteristics. <i>Geoderma</i> , 2019, 337, 453-462.	2.3	82
7	Effects of conversion from a natural evergreen broadleaf forest to a Moso bamboo plantation on the soil nutrient pools, microbial biomass and enzyme activities in a subtropical area. <i>Forest Ecology and Management</i> , 2018, 422, 161-171.	1.4	68
8	Using Moran's I and geostatistics to identify spatial patterns of soil nutrients in two different long-term phosphorus application plots. <i>Journal of Plant Nutrition and Soil Science</i> , 2011, 174, 785-798.	1.1	59
9	Converting natural evergreen broadleaf forests to intensively managed moso bamboo plantations affects the pool size and stability of soil organic carbon and enzyme activities. <i>Biology and Fertility of Soils</i> , 2018, 54, 467-480.	2.3	54
10	Spatial variation of organic carbon density in topsoils of a typical subtropical forest, southeastern China. <i>Catena</i> , 2018, 167, 181-189.	2.2	53
11	Long-term effect of E-waste dismantling activities on the heavy metals pollution in paddy soils of southeastern China. <i>Science of the Total Environment</i> , 2020, 705, 135971.	3.9	51
12	Spatial pattern of carbon stocks in forest ecosystems of a typical subtropical region of southeastern China. <i>Forest Ecology and Management</i> , 2018, 409, 288-297.	1.4	48
13	Outlier identification of soil phosphorus and its implication for spatial structure modeling. <i>Precision Agriculture</i> , 2016, 17, 121-135.	3.1	46
14	The carbon storage in moso bamboo plantation and its spatial variation in Anji County of southeastern China. <i>Journal of Soils and Sediments</i> , 2014, 14, 320-329.	1.5	43
15	Spatial variations of concentrations of copper and its speciation in the soil-rice system in Wenling of southeastern China. <i>Environmental Science and Pollution Research</i> , 2014, 21, 7165-7176.	2.7	41
16	Soil autotrophic and heterotrophic respiration respond differently to land-use change and variations in environmental factors. <i>Agricultural and Forest Meteorology</i> , 2018, 250-251, 290-298.	1.9	41
17	Potentially hazardous metals contamination in soil-rice system and its spatial variation in Shengzhou City, China. <i>Journal of Geochemical Exploration</i> , 2016, 167, 62-69.	1.5	38
18	Effects of intercropping grasses on soil organic carbon and microbial community functional diversity under Chinese hickory ( <i>Carya cathayensis</i> Sarg.) stands. <i>Soil Research</i> , 2014, 52, 575.	0.6	37

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19	Forest-type shift and subsequent intensive management affected soil organic carbon and microbial community in southeastern China. <i>European Journal of Forest Research</i> , 2017, 136, 689-697.	1.1	35
20	Converting evergreen broad-leaved forests into tea and Moso bamboo plantations affects labile carbon pools and the chemical composition of soil organic carbon. <i>Science of the Total Environment</i> , 2020, 711, 135225.	3.9	32
21	Spatial variability of soil nutrients in forest areas: A case study from subtropical China. <i>Journal of Plant Nutrition and Soil Science</i> , 2018, 181, 827-835.	1.1	29
22	Spatial Patterns of Potentially Hazardous Metals in Soils of Lin'an City, Southeastern China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 246.	1.2	29
23	Spatial Variation of Biomass Carbon Density in a Subtropical Region of Southeastern China. <i>Forests</i> , 2015, 6, 1966-1981.	0.9	28
24	Revealing horizontal and vertical variation of soil organic carbon, soil total nitrogen and C:N ratio in subtropical forests of southeastern China. <i>Journal of Environmental Management</i> , 2021, 289, 112483.	3.8	27
25	Nitrogen fertilizer enhances zinc and cadmium uptake by hyperaccumulator <i>Sedum alfredii</i> Hance. <i>Journal of Soils and Sediments</i> , 2020, 20, 320-329.	1.5	25
26	A 10-year monitoring of soil properties dynamics and soil fertility evaluation in Chinese hickory plantation regions of southeastern China. <i>Scientific Reports</i> , 2021, 11, 23531.	1.6	23
27	Effects of Inorganic and Organic Fertilizers on Soil CO <sub>2</sub> Efflux and Labile Organic Carbon Pools in an Intensively Managed Moso Bamboo ( <i>Phyllostachys pubescens</i> ) Plantation in Subtropical China. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 332-344.	0.6	19
28	Using GIS and Geostatistics to Optimize Soil Phosphorus and Magnesium Sampling in Temperate Grassland. <i>Soil Science</i> , 2013, 178, 240-247.	0.9	18
29	Soil Organic Carbon Content and Microbial Functional Diversity Were Lower in Monospecific Chinese Hickory Stands than in Natural Chinese Hickory Broad-Leaved Mixed Forests. <i>Forests</i> , 2019, 10, 357.	0.9	18
30	Spatial correlation of nutrients in a typical soil-hickory system of southeastern China and its implication for site-specific fertilizer application. <i>Soil and Tillage Research</i> , 2022, 217, 105265.	2.6	18
31	Field-scale variability of soil test phosphorus and other nutrients in grasslands under long-term agricultural managements. <i>Soil Research</i> , 2013, 51, 503.	0.6	14
32	Spatial variation of soil test phosphorus in a long-term grazed experimental grassland field. <i>Journal of Plant Nutrition and Soil Science</i> , 2010, 173, 323-331.	1.1	12
33	The Transfer Characteristics of Potentially Toxic Trace Elements in Different Soil-Rice Systems and Their Quantitative Models in Southeastern China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2503.	1.2	11
34	Biomass and Nutrients Variation of Chinese Fir Rooted Cuttings under Conventional and Exponential Fertilization Regimes of Nitrogen. <i>Forests</i> , 2019, 10, 615.	0.9	10
35	Variation of soil P and other nutrients in a long-term grazed grassland P experiment field. <i>Archives of Agronomy and Soil Science</i> , 2014, 60, 1459-1466.	1.3	8
36	Limited Spatial Transferability of the Relationships Between Kriging Variance and Soil Sampling Spacing in Some Grasslands of Ireland: Implications for Sampling Design. <i>Pedosphere</i> , 2019, 29, 577-589.	2.1	5

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37	Using ArcGIS and Geostatistics to Study Spatial Pattern of Forest Litter Carbon Density in Zhejiang Province, China. , 2013, , 419-423.		0