

# Dongli She

## List of Publications by Year in descending order

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74  
papers

1,515  
citations

304743

22  
h-index

377865

34  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1521  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of deficit irrigation and biochar addition on the growth, yield, and quality of tomato. <i>Scientia Horticulturae</i> , 2017, 222, 90-101.	3.6	139
2	Benefits of soil biochar amendments to tomato growth under saline water irrigation. <i>Scientific Reports</i> , 2018, 8, 14743.	3.3	75
3	Rainfall intensity and slope gradient effects on sediment losses and splash from a saline-sodic soil under coastal reclamation. <i>Catena</i> , 2015, 128, 54-62.	5.0	74
4	Effects of controlled irrigation and drainage on growth, grain yield and water use in paddy rice. <i>European Journal of Agronomy</i> , 2014, 53, 1-9.	4.1	63
5	Linking river nutrient concentrations to land use and rainfall in a paddy agriculture-urban area gradient watershed in southeast China. <i>Science of the Total Environment</i> , 2016, 566-567, 1094-1105.	8.0	59
6	Micro-CT assessment on the soil structure and hydraulic characteristics of saline/sodic soils subjected to short-term amendment. <i>Soil and Tillage Research</i> , 2019, 193, 59-70.	5.6	46
7	Diurnal pattern in nitrous oxide emissions from a sewage-enriched river. <i>Chemosphere</i> , 2013, 92, 421-428.	8.2	45
8	Impacts of controlled irrigation and drainage on the yield and physiological attributes of rice. <i>Agricultural Water Management</i> , 2015, 149, 156-165.	5.6	44
9	Multi-scale correlations between soil hydraulic properties and associated factors along a Brazilian watershed transect. <i>Geoderma</i> , 2017, 286, 15-24.	5.1	43
10	Transpiration and canopy conductance of <i>Caragana korshinskii</i> trees in response to soil moisture in sand land of China. <i>Agroforestry Systems</i> , 2013, 87, 667-678.	2.0	39
11	Soil erosion characteristics of ditch banks during reclamation of a saline/sodic soil in a coastal region of China: Field investigation and rainfall simulation. <i>Catena</i> , 2014, 121, 176-185.	5.0	39
12	Modeling Effects of Land use and Vegetation Density on Soil Water Dynamics: Implications on Water Resource Management. <i>Water Resources Management</i> , 2014, 28, 2063-2076.	3.9	36
13	Spatio-temporal variability and temporal stability of water contents distributed within soil profiles at a hillslope scale. <i>Catena</i> , 2015, 132, 29-36.	5.0	35
14	Three-dimensional fractal characteristics of soil pore structure and their relationships with hydraulic parameters in biochar-amended saline soil. <i>Soil and Tillage Research</i> , 2021, 205, 104809.	5.6	32
15	Changes and driving mechanism of water footprint scarcity in crop production: A study of Jiangsu Province, China. <i>Ecological Indicators</i> , 2018, 95, 444-454.	6.3	31
16	Seasonal Variations in Groundwater Level and Salinity in Coastal Plain of Eastern China Influenced by Climate. <i>Journal of Chemistry</i> , 2015, 2015, 1-8.	1.9	27
17	Effects of Measurement Method, Scale, and Landscape Features on Variability of Saturated Hydraulic Conductivity. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 378-386.	1.9	25
18	Soil organic carbon estimation with topographic properties in artificial grassland using a state-space modeling approach. <i>Canadian Journal of Soil Science</i> , 2014, 94, 503-514.	1.2	25

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19	Effects of initial soil water content and saturated hydraulic conductivity variability on small watershed runoff simulation using LISEM. <i>Hydrological Sciences Journal</i> , 2015, 60, 1137-1154.	2.6	25
20	Can rock fragment cover maintain soil and water for saline-sodic soil slopes under coastal reclamation?. <i>Catena</i> , 2017, 151, 213-224.	5.0	24
21	Effect of salinity on soil structure and soil hydraulic characteristics. <i>Canadian Journal of Soil Science</i> , 2021, 101, 62-73.	1.2	24
22	Multivariate Empirical Mode Decomposition Derived Multi-Scale Spatial Relationships between Saturated Hydraulic Conductivity and Basic Soil Properties. <i>Clean - Soil, Air, Water</i> , 2015, 43, 910-918.	1.1	23
23	Increasing the okra salt threshold value with biochar amendments. <i>Journal of Plant Interactions</i> , 2018, 13, 51-63.	2.1	23
24	Characterizing scale specific depth persistence of soil water content along two landscape transects. <i>Journal of Hydrology</i> , 2014, 519, 1149-1161.	5.4	22
25	Synergic effects of biochar and polyacrylamide amendments on the mechanical properties of silt loam soil under coastal reclamation in China. <i>Catena</i> , 2019, 182, 104152.	5.0	22
26	Improving Denitrification Models by Including Bacterial and Periphytic Biofilm in a Shallow Water-Sediment System. <i>Water Resources Research</i> , 2018, 54, 8146-8159.	4.2	20
27	Understanding the influencing factors (precipitation variation, land use changes and check dams) and mechanisms controlling changes in the sediment load of a typical Loess watershed, China. <i>Ecological Engineering</i> , 2021, 163, 106198.	3.6	20
28	Limited N removal by denitrification in agricultural drainage ditches in the Taihu Lake region of China. <i>Journal of Soils and Sediments</i> , 2018, 18, 1110-1119.	3.0	19
29	The counter-balance between ammonia absorption and the stimulation of volatilization by periphyton in shallow aquatic systems. <i>Bioresource Technology</i> , 2018, 248, 21-27.	9.6	18
30	Synergistic effects of rock fragment cover and polyacrylamide application on erosion of saline-sodic soils. <i>Catena</i> , 2018, 171, 154-165.	5.0	18
31	Dominant Control of Macroporosity on Saturated Soil Hydraulic Conductivity at Multiple Scales and Locations Revealed by Wavelet Analyses. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1686-1702.	3.4	18
32	Multiscale Influences of Soil Properties on Soil Water Content Distribution in a Watershed on the Chinese Loess Plateau. <i>Soil Science</i> , 2013, 178, 530-539.	0.9	17
33	Effects of Controlled Irrigation and Drainage on Nitrogen and Phosphorus Concentrations in Paddy Water. <i>Journal of Chemistry</i> , 2016, 2016, 1-9.	1.9	17
34	Multivariate and geostatistical analyses to evaluate lowland soil levelling effects on physico-chemical properties. <i>Soil and Tillage Research</i> , 2016, 156, 63-73.	5.6	17
35	Water flow and salt transport in bare saline-sodic soils subjected to evaporation and intermittent irrigation with saline/distilled water. <i>Land Degradation and Development</i> , 2019, 30, 1204-1218.	3.9	17
36	Diagnostic Value of Liquid-Based Cytology in Urothelial Carcinoma Diagnosis: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0134940.	2.5	16

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37	Elevation of biochar application as regulator on denitrification/NH <sub>3</sub> volatilization in saline soils. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41712-41725.	5.3	16
38	Mean soil water content estimation using measurements from time stable locations of adjacent or distant areas. <i>Journal of Hydrology</i> , 2013, 497, 234-243.	5.4	14
39	Nitrogen and phosphorus loss and optimal drainage time of paddy field under controlled drainage condition. <i>Arabian Journal of Geosciences</i> , 2015, 8, 4411-4420.	1.3	14
40	Area representative soil water content estimations from limited measurements at time-stable locations or depths. <i>Journal of Hydrology</i> , 2015, 530, 580-590.	5.4	14
41	Growth and Comprehensive Quality Index of Tomato under Rain Shelters in Response to Different Irrigation and Drainage Treatments. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	2.1	13
42	Development and evaluation of <i>Trichoderma asperellum</i> preparation for control of sheath blight of rice ( <i>Oryza sativa</i> L.). <i>Biocontrol Science and Technology</i> , 2015, 25, 316-328.	1.3	13
43	The effect of fracture properties on preferential flow in carbonate-derived laterite from karst mountainous agroforestry lands. <i>Soil and Tillage Research</i> , 2020, 203, 104670.	5.6	12
44	Analysis of unsaturated shear strength and slope stability considering soil desalinization in a reclamation area in China. <i>Catena</i> , 2021, 196, 104949.	5.0	12
45	Profile characteristics of temporal stability of soil water storage in two land uses. <i>Arabian Journal of Geosciences</i> , 2014, 7, 21-34.	1.3	11
46	Hydrological responses on saline-sodic soil slopes in a coastal reclamation area of China. <i>Catena</i> , 2016, 144, 130-140.	5.0	11
47	Spatial scaling of soil salinity indices along a temporal coastal reclamation area transect in China using wavelet analysis. <i>Archives of Agronomy and Soil Science</i> , 2016, 62, 1625-1639.	2.6	11
48	Sodicity effects on hydrological processes of sodic soil slopes under simulated rainfall. <i>Hydrological Processes</i> , 2017, 31, 981-994.	2.6	11
49	Quantifying the sediment reduction efficiency of key dams in the Coarse Sandy Hilly Catchments region of the Yellow River basin, China. <i>Journal of Hydrology</i> , 2021, 602, 126721.	5.4	11
50	Comparison of soil hydraulic properties with different levels of soil salinity and sodicity. <i>Arabian Journal of Geosciences</i> , 2015, 8, 5351-5360.	1.3	9
51	Hierarchical Bayesian models for predicting soil salinity and sodicity characteristics in a coastal reclamation region. <i>Ecological Engineering</i> , 2017, 104, 45-56.	3.6	9
52	Combined effects of moss crusts and pine needles on evaporation of carbonate-derived laterite from karst mountainous lands. <i>Journal of Hydrology</i> , 2020, 586, 124859.	5.4	8
53	Do biochar and polyacrylamide have synergistic effect on net denitrification and ammonia volatilization in saline soils?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59974-59987.	5.3	8
54	Effect of effective microorganism and gypsum amendments on nutrient leaching, pH, electrical conductivity, and Okra growth parameters under coastal saline soil. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 2327-2337.	1.4	7

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55	Source identification of soil elements and risk assessment of trace elements under different land uses on the Loess Plateau, China. <i>Environmental Geochemistry and Health</i> , 2021, 43, 2377-2392.	3.4	7
56	Impact of sampling time on chamber-based measurements of riverine nitrous oxide emissions using relative difference analysis. <i>Geoderma</i> , 2014, 214-215, 197-203.	5.1	6
57	Characterizing scale-specific environmental factors affecting soil organic carbon along two landscape transects. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18672-18683.	5.3	6
58	SSEM: A model for simulating runoff and erosion of saline-sodic soil slopes under coastal reclamation. <i>Journal of Hydrology</i> , 2018, 561, 960-975.	5.4	6
59	Identifying the Main Factors Contributing to the Spatial Variability of Soil Saline“Sodic Properties in a Reclaimed Coastal Area. <i>Vadose Zone Journal</i> , 2018, 17, 1-11.	2.2	6
60	Decreasing the Salt Leaching Fraction and Enhancing Water-Use Efficiency for Okra Using Biochar Amendments. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 225-236.	1.4	4
61	Spatial distribution of the oxygen-18 in precipitation in China based on a new empirical model. <i>Journal of Mountain Science</i> , 2019, 16, 2605-2614.	2.0	4
62	Flow hydraulic characteristics and dynamic erodibility of saline-sodic soil slopes for coastal areas under simulated rainfall conditions. <i>Archives of Agronomy and Soil Science</i> , 2020, , 1-15.	2.6	4
63	Effects of vegetation restoration on carbonate“derived laterite erodibility in karst mountain areas. <i>Land Degradation and Development</i> , 2022, 33, 1347-1365.	3.9	4
64	Linking watershed hydrologic processes to connectivity indices on the Loess Plateau, China. <i>Catena</i> , 2022, 216, 106341.	5.0	4
65	A modified model for estimating the full description of soil particle size distribution. <i>Canadian Journal of Soil Science</i> , 2013, 93, 65-72.	1.2	3
66	Combining N2:Ar and Bayesian Methods to Quantify Underestimation and Uncertainty of Sediment Denitrification Determined by the Acetylene Inhibition Method. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	3
67	An improved cellular automata model for soil erosion in coastal areas based on discrete physical variables. <i>European Journal of Soil Science</i> , 2022, 73, .	3.9	3
68	Modelling soil hydraulic properties with an improved pore“solid fractal (PSF) model through image analysis. <i>European Journal of Soil Science</i> , 2022, 73, .	3.9	2
69	Investigation of the mechanical behavior of salinized agricultural soils using unsaturated triaxial tests and a constitutive framework. <i>Engineering Geology</i> , 2022, 299, 106567.	6.3	2
70	Unsaturated soil shear strength of agricultural soils influenced by reclamation sequences in coastal China. <i>European Journal of Soil Science</i> , 2022, 73, .	3.9	2
71	Combining polyacrylamide amendment to mitigate negative effect of biochar on the soil conservation of saline-sodic soil. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	1
72	Effects of Saline Water Irrigation and Biochar Amendment on Okra Growth and Nutrient Leaching in Coastal Saline Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2021, 52, 651-665.	1.4	1

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73	Understanding the influencing factors and mechanisms (land use changes and check dams) controlling changes in the soil organic carbon of typical loess watersheds in China. Land Degradation and Development, 2022, 33, 3150-3162.	3.9	1
74	Predicted Infiltration for Sodic/Saline Soils from Reclaimed Coastal Areas: Sensitivity to Model Parameters. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	0