

Dongli She

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	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
4	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
5	Linking watershed hydrologic processes to connectivity indices on the Loess Plateau, China. <i>Catena</i> , 2022, 216, 106341.	5.0	4
6	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. <i>Land Degradation and Development</i> , 2022, 33, 3150-3162.	3.9	1
7	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
8	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
9	Effect of salinity on soil structure and soil hydraulic characteristics. <i>Canadian Journal of Soil Science</i> , 2021, 101, 62-73.	1.2	24
10	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
11	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
12	Elevation of biochar application as regulator on denitrification/NH ₃ volatilization in saline soils. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41712-41725.	5.3	16
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	Combining N ₂ :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
27	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
28	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
29	Increasing the okra salt threshold value with biochar amendments. <i>Journal of Plant Interactions</i> , 2018, 13, 51-63.	2.1	23
30	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
31	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
32	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
33	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
34	Benefits of soil biochar amendments to tomato growth under saline water irrigation. <i>Scientific Reports</i> , 2018, 8, 14743.	3.3	75
35	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
36	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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37	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
38	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
39	Sodicity effects on hydrological processes of sodic soil slopes under simulated rainfall. <i>Hydrological Processes</i> , 2017, 31, 981-994.	2.6	11
40	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
41	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
42	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
43	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
44	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
45	Hydrological responses on saline-sodic soil slopes in a coastal reclamation area of China. <i>Catena</i> , 2016, 144, 130-140.	5.0	11
46	Linking river nutrient concentrations to land use and rainfall in a paddy agricultureâ€œurban area gradient watershed in southeast China. <i>Science of the Total Environment</i> , 2016, 566-567, 1094-1105.	8.0	59
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	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
49	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
50	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
51	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
52	Rainfall intensity and slope gradient effects on sediment losses and splash from a salineâ€œsodic soil under coastal reclamation. <i>Catena</i> , 2015, 128, 54-62.	5.0	74
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	Predicted Infiltration for Sodic/Saline Soils from Reclaimed Coastal Areas: Sensitivity to Model Parameters. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	2.1	0
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	Diurnal pattern in nitrous oxide emissions from a sewage-enriched river. <i>Chemosphere</i> , 2013, 92, 421-428.	8.2	45

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73	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
74	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