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List of Articles by Year in descending order

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31

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articles

882

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686506

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160138

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927

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784938

17

h-index

1789

citing authors

#	ARTICLE	IF	CITATIONS
1	Leaching of antibiotic resistance genes and microbial assemblages following poultry litter applications in karst and non-karst landscapes. <i>Science of the Total Environment</i> , 2024, 934, 172905.	8.3	9
2	Perenniality drives multifunctional forage “biomass filter strips”™ ability to improve water quality. <i>Crop Science</i> , 2023, 63, 336-348.	1.7	10
3	Using X-ray computed tomography to quantify variability in soil macropore characteristics in pastures. <i>Soil and Tillage Research</i> , 2022, 215, 105194.	6.6	28
4	Characterisation of soil pore structure anisotropy caused by the growth of bio-subsoilers. <i>Geoderma</i> , 2022, 409, 115571.	6.3	34
5	Multivariate evaluation of watershed health based on longitudinal pasture management. <i>Science of the Total Environment</i> , 2022, 824, 153725.	8.3	16
6	Temporal and spatial variability in 3D soil macropore characteristics determined using X-ray computed tomography. <i>Journal of Soils and Sediments</i> , 2022, 22, 1263-1277.	2.9	15
7	Preferential transport of phosphorus from surface applied poultry litter in soils from karst and nonkarst landscapes. <i>Soil Science Society of America Journal</i> , 2022, 86, 1002-1014.	2.4	5
8	Characterization of Poultry Litter Biochar and Activated Biochar as a Soil Amendment for Valorization. <i>Biomass</i> , 2022, 2, 209-223.	4.0	16
9	Grassland conversion to croplands impacted soil pore parameters measured via X-ray computed tomography. <i>Soil Science Society of America Journal</i> , 2021, 85, 73-84.	2.4	24
10	Effects of bio-subsoilers on subsoil pore-system functionality: Case study with intact soil columns. <i>Geoderma</i> , 2021, 385, 114897.	6.3	17
11	X-ray micro-computed tomography characterized soil pore network as influenced by long-term application of manure and fertilizer. <i>Geoderma</i> , 2021, 385, 114872.	6.3	59
12	Preferential flow under high intensity short duration irrigation events in soil columns from a karst and nonkarst landscape. <i>Vadose Zone Journal</i> , 2021, 20, .	2.6	9
13	Soil pore characteristics and gas transport properties of a no-tillage system in a subtropical climate. <i>Geoderma</i> , 2021, 401, 115222.	6.3	24
14	Predicting the dry bulk density of soils across Denmark: Comparison of single-parameter, multi-parameter, and vis-NIR based models. <i>Geoderma</i> , 2020, 361, 114080.	6.3	53
15	Impact of potential bio-subsoilers on pore network of a severely compacted subsoil. <i>Geoderma</i> , 2020, 363, 114154.	6.3	33
16	Estimating Soil Particle Density using Visible Near-Infrared Spectroscopy and a Simple, Two-Compartment Pedotransfer Function. <i>Soil Science Society of America Journal</i> , 2019, 83, 37-47.	2.4	14
17	Characterising and linking X-ray CT derived macroporosity parameters to infiltration in soils with contrasting structures. <i>Geoderma</i> , 2018, 313, 82-91.	6.3	70
18	Visible Near-Infrared Spectroscopy Prediction of Soil Characteristics as Affected by Soil Water Content. <i>Soil Science Society of America Journal</i> , 2018, 82, 1333-1346.	2.4	42

#	ARTICLE	IF	CITATIONS
19	The effect of freezing and thawing on water flow and MCPA leaching in partially frozen soil. <i>Journal of Contaminant Hydrology</i> , 2018, 219, 72-85.	4.1	32
20	Particle Leaching Rates from a Loamy Soil Are Controlled by the Mineral Fines Content and the Degree of Preferential Flow. <i>Journal of Environmental Quality</i> , 2018, 47, 1538-1545.	3.9	6
21	Combining X-ray Computed Tomography and Visible Near-Infrared Spectroscopy for Prediction of Soil Structural Properties. <i>Vadose Zone Journal</i> , 2018, 17, 1-13.	2.6	24
22	Visible-Near-Infrared Spectroscopy can predict Mass Transport of Dissolved Chemicals through Intact Soil. <i>Scientific Reports</i> , 2018, 8, .	3.4	26
23	X-ray CT-Derived Soil Characteristics Explain Varying Air, Water, and Solute Transport Properties across a Loamy Field. <i>Vadose Zone Journal</i> , 2016, 15, 1-13.	2.6	65
24	Water and solute transport in agricultural soils predicted by volumetric clay and silt contents. <i>Journal of Contaminant Hydrology</i> , 2016, 192, 194-202.	4.1	31
25	Quantification of Soil Pore Network Complexity with X-ray Computed Tomography and Gas Transport Measurements. <i>Soil Science Society of America Journal</i> , 2015, 79, 1577-1589.	2.4	41
26	Effects of Soil Compaction and Organic Carbon Content on Preferential Flow in Loamy Field Soils. <i>Soil Science</i> , 2015, 180, 10-20.	1.0	15
27	Effects of CT Number Derived Matrix Density on Preferential Flow and Transport in a Macroporous Agricultural Soil. <i>Vadose Zone Journal</i> , 2015, 14, 1-13.	2.6	50
28	Linking air and water transport in intact soils to macropore characteristics inferred from X-ray computed tomography. <i>Geoderma</i> , 2015, 237-238, 9-20.	6.3	179
29	Field-scale Variation in Colloid Dispersibility and Transport: Multiple Linear Regressions to Soil Physico-Chemical and Structural Properties. <i>Journal of Environmental Quality</i> , 2014, 43, 1764-1778.	3.9	12
30	Effect of Root Density on Erosion and Erodibility of a Loamy Soil Under Simulated Rain. <i>Soil Science</i> , 2013, 178, 29-36.	1.0	51
31	Multivariate evaluation of soil-water-plant health in multifunctional buffer-strip systems. <i>Science of the Total Environment</i> , 0, 1029, 181754.	8.3	0