Andreas Schwen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11072477/publications.pdf

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17	552	623734 14	888059 17
papers	citations	h-index	g-index

17	17	17	706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temporal dynamics of soil hydraulic properties and the water-conducting porosity under different tillage. Soil and Tillage Research, 2011, 113, 89-98.	5.6	178
2	Vertical variations of soil hydraulic properties within two soil profiles and its relevance for soil water simulations. Journal of Hydrology, 2014, 516, 169-181.	5.4	59
3	Time-variable soil hydraulic properties in near-surface soil water simulations for different tillage methods. Agricultural Water Management, 2011, 99, 42-50.	5.6	45
4	Root Responses to Alterations in Macroporosity and Penetrability in a Silt Loam Soil. Soil Science Society of America Journal, 2014, 78, 1392-1403.	2.2	41
5	Why We Should Include Soil Structural Dynamics of Agricultural Soils in Hydrological Models. Water (Switzerland), 2018, 10, 1862.	2.7	30
6	Quantification of soil pore dynamics during a winter wheat cropping cycle under different tillage regimes. Soil and Tillage Research, 2019, 192, 222-232.	5.6	25
7	Modeling the evolution of soil structural pore space in agricultural soils following tillage. Geoderma, 2019, 353, 401-414.	5.1	24
8	Hydraulic Properties and the Water-Conducting Porosity as Affected by Subsurface Compaction using Tension Infiltrometers. Soil Science Society of America Journal, 2011, 75, 822-831.	2.2	23
9	Temporal variations of the hydraulic conductivity characteristic under conventional and conservation tillage. Geoderma, 2020, 362, 114127.	5.1	23
10	Spatial and temporal variability of soil gas diffusivity, its scaling and relevance for soil respiration under different tillage. Geoderma, 2015, 259-260, 323-336.	5.1	20
11	Inverse estimation of soil hydraulic properties and water repellency following artificially induced drought stress. Journal of Hydrology and Hydromechanics, 2018, 66, 170-180.	2.0	16
12	Characterizing land use impact on multi-tracer displacement and soil structure. Journal of Hydrology, 2014, 519, 1752-1768.	5.4	15
13	Combination of Measurement Methods for a Wide-Range Description of Hydraulic Soil Properties. Water (Switzerland), 2018, 10, 1021.	2.7	15
14	Stateâ€Space Models Describe the Spatial Variability of Bromide Leaching Controlled by Land Use, Irrigation, and Pedologic Characteristics. Vadose Zone Journal, 2013, 12, 1-9.	2.2	14
15	Effects of tillage intensity on pore system and physical quality of silt-textured soils detected by multiple methods. Soil Research, 2019, 57, 703.	1.1	13
16	Soil Water Repellency and its Impact on Hydraulic Characteristics in a Beech Forest under Simulated Climate Change. Vadose Zone Journal, 2015, 14, 1-11.	2.2	8
17	SPorDyn: A Python code for modeling the evolution of soil pore size distribution after tillage. MethodsX, 2019, 6, 2118-2126.	1.6	3